

BRIDGE MAINTENANCE RECOMMENDATIONS

COUNTY: HAYWOOD

LOCATION: 38-SR180-02.61-

CO. SEQ.: 1 SPEC. CASE: 0



Tennessee Department
of Transportation

CROSSING: OFFER CREEK

FED. BRIDGE NO.: 38S80510003

MAINT. DIST.: 38

REPAIR LIST NO.: 2

DATE ADDED: 10/11/2016

REVISED: 08/11/2021

FACILITY CARRIED:	FAS 180	NUMBER OF MAIN SPANS:	3
HIGHWAY SYSTEM:	05-STP RURAL, STATE	NUMBER OF APPROACH SPANS:	0
BRIDGE WIDTH (CURB TO CURB):	23 FT 11 IN	BRIDGE LENGTH (FT):	57
BRIDGE WIDTH (OUT TO OUT):	24 FT 11 IN	MAXIMUM SPAN LENGTH (FT):	19
APPROACH ROADWAY (W/SHOULDERS):	27 FT 10 IN	SKEW ANGLE (DEGREES):	60
MAINTAINED BY:	STATE HIGHWAY AGENCY		
MAIN SPAN MATERIAL:	CONCRETE		
MAIN SPAN DESIGN TYPE:	CHANNEL BEAM		
APPROACH SPAN MATERIAL:	OTHER OR NOT APPLICABLE		
APPROACH SPAN DESIGN TYPE:	OTHER OR NOT APPLICABLE		
INSPECTION DATE:	08/11/2021	GENERAL CONDITION:	FAIR
EVALUATION DATE:	10/11/2019	STRUCTURALLY DEFICIENT:	NO
PPRM PIN NUMBER:			
H TRUCK RATING @ INV.:	21 TONS	SUFFICIENCY RATING:	67.9

SUGGESTED ROUTINE MAINTENANCE AND COMMENTS

REPAIR OR REPLACE PRECAST CONCRETE CHANNEL SLAB "A, B" IN SPAN NO.1

REPAIR OR REPLACE PRECAST CONCRETE CHANNEL SLAB "D" IN SPAN NO.2

LEVEL THE WEARING SURFACE AT APPROACH NO.2

APPROACH GUARDRAILS ARE NON-EXISTENT

BRIDGERAILS ARE SUBSTANDARD

REPLACE MISSING WEIGHT POSTING SIGN APPROACH NO 2

GENERAL COMMENTS:

8-12-21 REGION SIGN DEPT NOTIFIED OF WEIGHT POSTING

ADDED TO REPAIR LIST 2 PER REQUEST



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

Bridge Condition Coding Form

Revised 08/12/2021

Bridge Number:
(Includes Item 5A)

38S805100031

County: 38

38

Route: **SR180****SR180**Special Case:

0

O

Feature Intersected:

OFFER CREEK

County Sequence: 1

1

Evaluation Status:

CONDITION ITEM CHANGE

Log Mile: 2.61

2.61

CODE ONLY THOSE VALUES WHICH HAVE CHANGED

ITEM #	DESCRIPTION	VALUE		CONDITION CODING GUIDELINES		
90	LAST INSPECTION DATE	08/11/2021		(Values for Coding Items 58, 59, 60 and 62)		
	EARLIEST DATE OF NEXT REGULAR INSPECTION	06/12/2023				
		/ /				
10	MINIMUM V.C. OVER DECK (ROADWAY + SHOULDERS)	99 FT.	99 IN.	N NOT APPLICABLE		
520	MINIMUM V.C. OVER DECK (EXCLUDES SHOULDERS)	99 FT.	99 IN.	9 EXCELLENT CONDITION		
36	TRAFFIC SAFETY FEATURES			8 VERY GOOD CONDITION - NO PROBLEMS NOTED.		
	Br. Rail	Trans.	Appr. Rail	Terminal	SPEED LIMIT	7 GOOD CONDITION - SOME MINOR PROBLEMS.
	0	N	N	N	55	6 SATISFACTORY CONDITION - MINOR DETERIORATION OF STRUCTURAL ELEMENTS.
						5 FAIR CONDITION - ALL PRIMARY STRUCTURAL ELEMENTS ARE SOUND BUT MAY HAVE MINOR SECTION LOSS, CRACKING, SPALLING OR SCOUR.
41	STRC OPEN/CLOSED/POSTED	A	K	P		4 POOR CONDITION - ADVANCED SECTION LOSS, DETERIORATION, SPALLING OR SCOUR.
58	DECK				6	3 SERIOUS CONDITION - LOSS OF SECTION, DETERIORATION, SPALLING OR SCOUR HAVE SERIOUSLY AFFECTED PRIMARY STRUCTURAL COMPONENTS. LOCAL FAILURES ARE POSSIBLE. FATIGUE CRACKS IN STEEL OR SHEAR CRACKS IN CONCRETE MAY BE PRESENT.
59	SUPERSTRUCTURE				5	2 CRITICAL CONDITION - ADVANCED DETERIORATION OF PRIMARY STRUCTURAL ELEMENTS. FATIGUE CRACKS IN STEEL OR SHEAR CRACKS IN CONCRETE MAY BE PRESENT OR SCOUR MAY HAVE REMOVED SUBSTRUCTURE SUPPORT. UNLESS CLOSELY MONITORED IT MAY BE NECESSARY TO CLOSE THE BRIDGE UNTIL CORRECTIVE ACTION IS TAKEN.
60	SUBSTRUCTURE				6	1 "IMMINENT" FAILURE CONDITION - MAJOR DETERIORATION OR SECTION LOSS PRESENT IN CRITICAL STRUCTURAL COMPONENTS OR OBVIOUS VERTICAL OR HORIZONTAL MOVEMENT AFFECTING STRUCTURAL STABILITY. BRIDGE IS CLOSED TO TRAFFIC BUT CORRECTIVE ACTION MAY PUT IT BACK IN LIGHT SERVICE.
61	CHANL/CHANL PROTECTION				6	0 FAILED CONDITION - OUT OF SERVICE AND BEYOND CORRECTIVE ACTION.
62	CULVERT AND RETAIN WALL				N	
71	WATERWAY ADEQUACY				6	
72	APPROACH RDWY ALIGNMENT				8	
521	OVERALL CONDITION				FAIR	
16	LATITUDE	17	LONGITUDE			
	N 35 ° 44.0100'		W 89 ° 24.8450'			
TEAM LEADER SIGNATURE		REVIEW DATE				

Bridge Loc. No: 38-SR180-02.61 Date: 8-11-21



BRIDGE NUMBER



LOOKING AHEAD ON ROUTE

Bridge Loc. No: 38-SR180-02.61 Date: 8-11-21



RIGHT SIDE



VIEW ACROSS TOP OF DECK

Bridge Loc. No: 38-SR180-02.61 Date: 8-11-21



LEFT SIDE



APPROACH # 1 WEIGHT LIMIT

Bridge Loc. No: 38-SR180-02.61 Date: 8-11-21



APPROACH # 2



LOOKING BACK ON ROUTE

Bridge Loc. No: 38-SR180-02.61 Date: 8-11-21



BENT # 1 DRIFT



ABUTMENT # 2

Bridge Loc. No: 38-SR180-02.61 Date: 8-11-21



BOTTOM DECK



BENT # 2

Bridge Loc. No: 38-SR180-02.61 Date: 8-11-21



RIGHT ELEVATION



ABUTMENT # 1

Bridge Loc. No: 38-SR180-02.61 Date: 8-11-21



LEFT ELEVATION



SPAN # 2 SLAB "D"

Bridge Loc. No: 38-SR180-02.61 Date: 8-11-21



SPAN # 1 SLAB "A"



SPAN # 1 SLAB "B"

BRIDGE INSPECTION REPORT

AUG 11 2021

Form BIR 3.0
(Rev. 9-22-98)
DT-0069

Field Report No. 26 Date 8/11/21
Previous Report No. 25 Date 9-16-19
Co Seq: 01 Plans: YES () NO ()

Bridge No. 38S80510003 Bridge Location No. 38 - SR180 - 0261
Eleven Digit No. Co. Route Log Mile OVER/UNDER PASS
FORKED DEER ROAD OTTER CREEK

Road Name Feature Intersected CITY
Year Constructed 1960 County HAYWOOD Maint. Dist.: 48 Maint.Resp: 02
Year Widened _____ Year Rehabilitated _____

Structure Name (If Named)

FEATURES

Wearing Surface Concrete () Timber () Asphalt (☒) Depth 6" (in.)
Flared Width Yes () No (☒) Median Width Open () None (☒) Closed ()
Navigational Control Yes () No (☒) Bridge Skew 75L ° LT () RT ()
Structure Type (Main Span) P. C. C. S.
Structure Type (Appr.Spans) _____
No. Main Spans 3 No. Approach Spans _____
Maximum Span Length 19.0 (**. ft.)
Total Length 57.0 (**. ft.)

INSPECTORS

- Kee (TL)
- S. Hayer
- Lex
- A. Hayer
- _____
- _____
- _____
- _____

WIDTHS (*. ft.)

Deck Out-to-Out 25.0
Roadway Curb/Curb 24.0
Roadway Rail/Rail _____
Sidewalk Rt. _____ Lt. _____
*Approach Roadway 18.0
*(Does Not Include Shoulders)
Approach Shoulder Rt. 5.0
Lt. 5.0

CLEARANCES

Min. Vertical Clearance over Deck _____ (ft.-in.)
Min. Vertical Under Clearance _____ (ft.-in.)
Min. Lateral Under Clearance Rt. _____ (*. ft.)
Min. Lateral Under Clearance Lt. _____ (*. ft.)

FRACTURE CRITICAL:

(If Yes, Include BIR 3.9)

NBIS Bridge Length (<25 ft.) _____ (ft.-in.)

UNDERWATER INSPECTION

To Be Performed By: _____ Date _____

DOT FIELD TEAM () CONTRACT DIVERS () NONE REQUIRED (☒)

Change in Structural Condition: Yes () No (☒) Major Repairs Made: Yes () No (☒)

COMMENTS:

LATITUDE: N35 ° 44.0100 '
LONGITUDE: W89 ° 24.8450 '
G.P.S. Location

BRIDGE RATING: () (☒) () ()
GOOD FAIR POOR CRITICAL

Supervising Bridge Inspector: Jason Lee

AUG 11 2021

Form BIR 3.1

(Rev. 9-22-98)

DT-0080

Bridge Location No. 38 - SR180 - 2.61 -
Co. Route Log Mile

Date _____

PERFORMANCE EVALUATION

Time of Day Inspected 3:05 p.m. Weather Conditions 95°F ± Sunny

Vehicles Observed All types

LIVE LOAD BEHAVIOR

Substructure	YES	NO	Comments
Horiz./ Vert. Defl.	()	(X)	
Vibration	()	(X)	
Superstructure			
Horiz./ Vert. Defl.	()	(X)	
Vibration	()	(X)	

APPROACH

	Rating	Comments
Alignment	(G) F P C	
Slab	G F P C	
Joints	G F P C	
Pavement	G F (P) C	<u>App #2 (003)</u>
Embankment	G (F) P C	
Drains	G F P C	

TRAFFIC SAFETY FEATURES

	Rating	STANDARD/ SUB-STANDARD	Comments
Bridgerailing	(G) F P C	() (X)	
Transitions	G F P C	() ()	
Guardrail	G F P C	() ()	
Guardrail Terminal	G F P C	() ()	

SIGNING

	YES	NO	NEEDED	Weight Limit Posted (023) (1)
Paddleboards	(X)	()	()	YES (X) NO ()
Vertical Clearance (<14'-6")	()	(X)	()	Gross..... Tons
NARROW ()	()	(X)	()	2 Axle..... <u>40</u> Tons
ONE LANE BRIDGE ()	()	(X)	()	3 or more Axles.. <u>40</u> Tons

Other Signs or Plaques: None

Comments Regarding any Problems with Signing: Wt. limit on App #2 is missing

Form BIR 3.2
(Rev. 9-22-98)
DT-0081

Bridge Location No. 38 - SR180 - 2.61 -
Co. Route Log Mile

AUG 11 2021
Date _____

DECK

Wearing Surface

Rating
G F P C

Comments

Deck - Structural
Condition

G F P C

Curbs

G F P C

Median

G F P C

Sidewalks

G F P C

Parapet

G F P C

Railing

G F P C

Paint

G F P C

Drains

G F P C

Lighting Standards

G F P C

Utilities

G F P C

Joint Leakage

G F P C

Expansion Joints

G F P C

SUPERSTRUCTURE

Bearing Devices

G F P C

Beams

G F P C

Girders

G F P C

P C C S

G F P C

BOLTS (PCCS)

G F P C

Floor Beams

G F P C

Stringers

G F P C

Diaphragms

G F P C

Bracing

G F P C

Trusses - General

G F P C

Portals

G F P C

Bracing

G F P C

Paint

G F P C

Alignment of Members

G F P C

TEXTURE COAT

Condition Rating

G F P C

Fading

G F P C

Overall Appearance

G F P C

Needs Spot Painting

YES () NO ()

Staining Rating

G F P C

Needs Repainting

YES () NO ()

Comments _____

Scaling Rating G F P C

RECOMMENDATIONS: _____

CLEAN SEAL JOINTS ()

CLEAN DRAINS ()

Form BIR 3.3
(Rev. 9-22-98)
DT-0082

Bridge Location No. 38 - SR180 - 2.61 -
Co. 'Route Log Mile

AUG 11 2021

Date _____

SUBSTRUCTURE

PILES TO BE
REPLACED

ABUTMENTS

	Rating	Comments	PILE(S)	ABUTMENT
Caps	G <u>F</u> P C			
Breastwall	G F P C			
Wings	G F P C			
Backwall	G F P C			
Plumb	<u>G</u> F P C			
Footing	G F P C			
Piles	G <u>F</u> P C			
Embankment	<u>G</u> F P C			
Bearing	G F P C			
Slope Paving	G F P C			
Rip Rap	G <u>F</u> P C			
Earthquake Devices	G F P C			

PIERS

	Rating	Comments	PILE(S)	PIER
Caps	G F P C			
Columns	G F P C			
Plumb	G F P C			
Footings	G F P C			
Piles	G F P C			
Bearing	G F P C			
Web	G F P C			
Earthquake Devices	G F P C			

BENTS

	Rating	Comments	PILE(S)	BENT
Caps	G <u>F</u> P C			
Columns	G F P C			
Plumb	<u>G</u> F P C			
Footings	G F P C			
Piles	G <u>F</u> P C			
Bearing	G F P C			
Bracing	G <u>F</u> P C			
Earthquake Devices	G F P C			

Piles Need Replacement: NO (☒) YES ()

CUT VEGETATION NO (☒) YES ()

CLEAR DRIFT NO (☒) YES ()

RECOMMENDATIONS: _____

Form BIR 3.8
(Rev. 9-22-98)
DT-1508

Bridge Location No. 38 - SR180 - 0261 -
Co. Route Log Mile

AUG 11 2021
Date _____

STREAM CHANNEL DATA AND CONDITIONS

Stream Crossing: OTTER CREEK

- I. 1. Type of bed material? Sand / silt
2. Has channel shifted? YES () NO () NOT APPARENT ()
3. Condition of rip-rap? G F P C Est. % failed _____ % N/A ()
4. Overall condition of channel? G F P C
5. Item 61 - Code values 0 thru 9 according to the recording
and coding guide currently in effect: 6
6. Underwater diver inspection recommended? YES () NO (X)
If yes, why? _____

II. Channel and bank stability conditions: (check if applicable)

1. Steep bank conditions: - Failures upstream () Failures downstream (X)
2. Moderate bank erosion (X)
3. Bank vegetation: a. low growth (X) b. large timber () c. clear banks ()
d. dead trees upstream (X) e. dead trees downstream (X)
4. Sediment or gravel accumulation: YES () NO (X) UNKNOWN ()
5. Channel altered or straightened: YES () NO (X) UNKNOWN ()
6. Stable conditions: a. live growth () b. bedrock ()
c. boulders () d. flat slopes ($\leq 2:1$) ()

III. Waterway adequacy and debris characteristics: (check if applicable)

1. Bridge deck elevations:
a. level with approach roadway. (X)
b. higher than approach roadway. ()
c. roadway approach ≥ 2 ft. above natural ground line. (X)
2. Abutment encroaches into channel. ()
3. Large scour (blowhole) under bridge. ()
4. Indications that flood waters overtop bridge:
NO (X) YES () OCCASIONALLY () FREQUENTLY () UNKNOWN ()
5. Debris characteristics:
a. debris/drift present YES (X) NO ()
b. debris/drift likely to accumulate YES (X) NO ()
c. dead trees upstream (X) dead trees downstream (X)

IV. Comments: _____

SPECIAL INSPECTION DATA - FOR REASONS OTHER THAN FC OR SCOUR

- I. Does this bridge need a special inspection? YES () NO (X)
II. Reason for special inspection: _____

Inspection Team's Summary

Bridge Location No. 38 - SR180 - 02.61

Inspection Date 8/11/21

Bridge Rating Fair

This is a 3 span p.c.c.s. bridge with metal rails & 4 paddle boards.

The bridge is posted @ 40/40 ton on approach # 1 only.

Approach # 2 asphalt has up to 1" settlement & a large pothole.

The asphalt wearing surfaces have up to 1/16" cracks.

The p.c.c.s. have up to 1/16" cracks & spalling.

Span # 1 slabs "a & b" & span # 2 slab "d" have heavy spall to steel areas.

The timber substructure has light to medium weathering & splintered areas.

Scour has no issues.

Jacob Kee

INSPECTOR

CROSS SECTION: YES (X) NO () BRM: YES (X) NO ()

No change

AUG 11 2021

GROUND ELEVATIONS

FEDERAL NUMBER ----- 38S80510003

BRIDGE NO. ----- 38 - SR 180 - 2.61

CROSSING ----- OTTER CREEK

NUMBER OF PIERS ----- 2

LOCATION OF PIERS ----- 19 38

BENCH MARK ELEV. ----- 105.9

BENCH MARK LOC. ---- TOP CAP LT A 1

WATER ELEVATION -----

DATE : 8/11/2000
N/C 5/19/2008

N/C 8/11/21

INSPECTORS

ALLEN'S CREW

DISTANCE OF 0.00 = TOP OF BANK APPROACH 1 SIDE

DISTANCE AND ELEVATIONS ARE IN STANDARD MEASUREMENT

UPSTREAM GROUND ELEVATION @ EDGE OF BRIDGE

8/11/2000	
Distance from B.M.	Elevation
0	101.7
1	98.7
19	89.4
26	89.7
32	90.1
38	92.1
56	99.8
58	101.6

AUG 11 2021

BRIDGE NO. -----

38 - SR 180 - 2.61

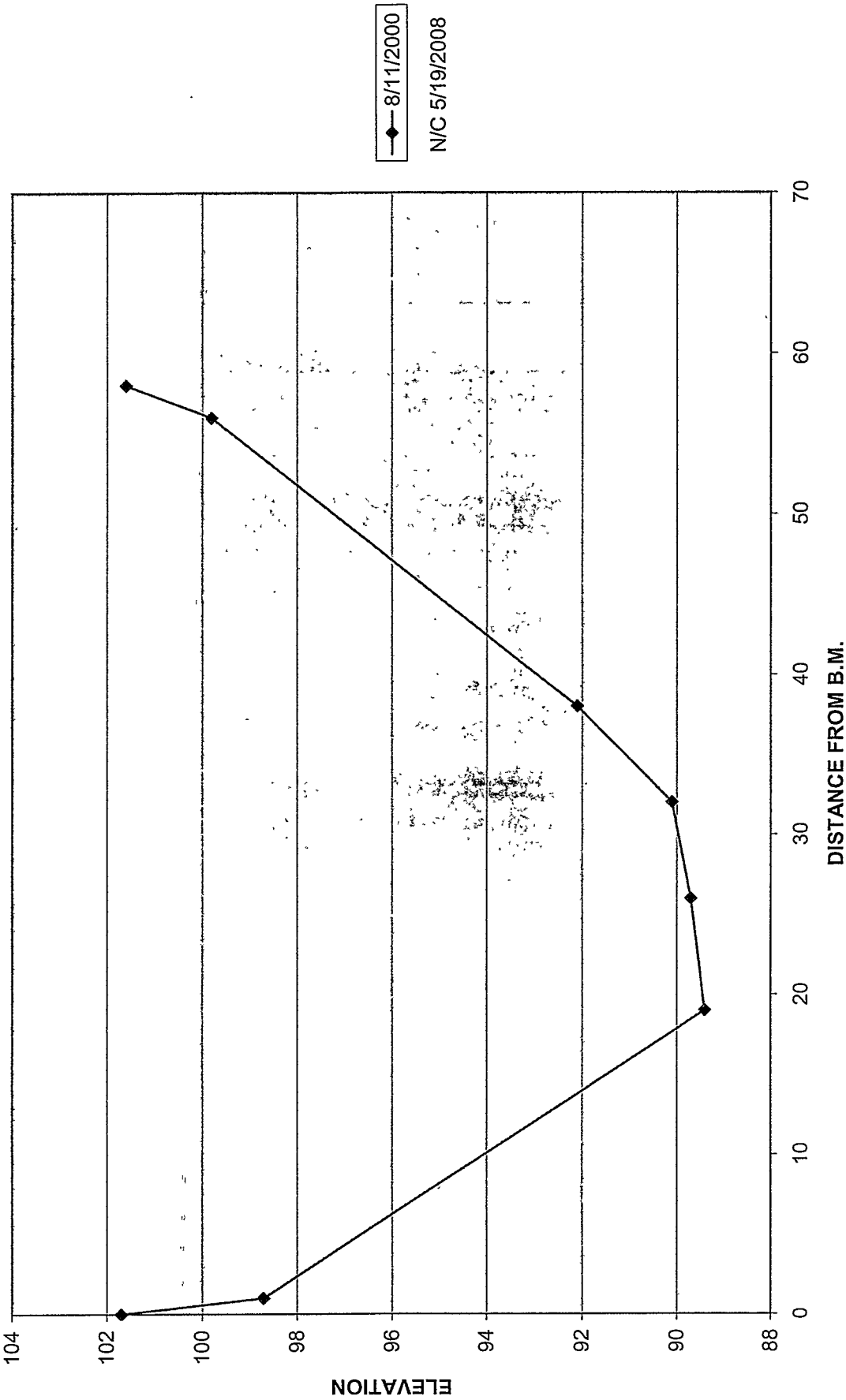
DATE : 8/11/2000

DOWNSTREAM GROUND ELEVATION @ EDGE OF BRIDGE

8/11/2000	
Distance from B.M.	Elevation
0	101.6
1	99.8
19	90.2
28	89.9
38	90.1
56	98.6
58	101.7

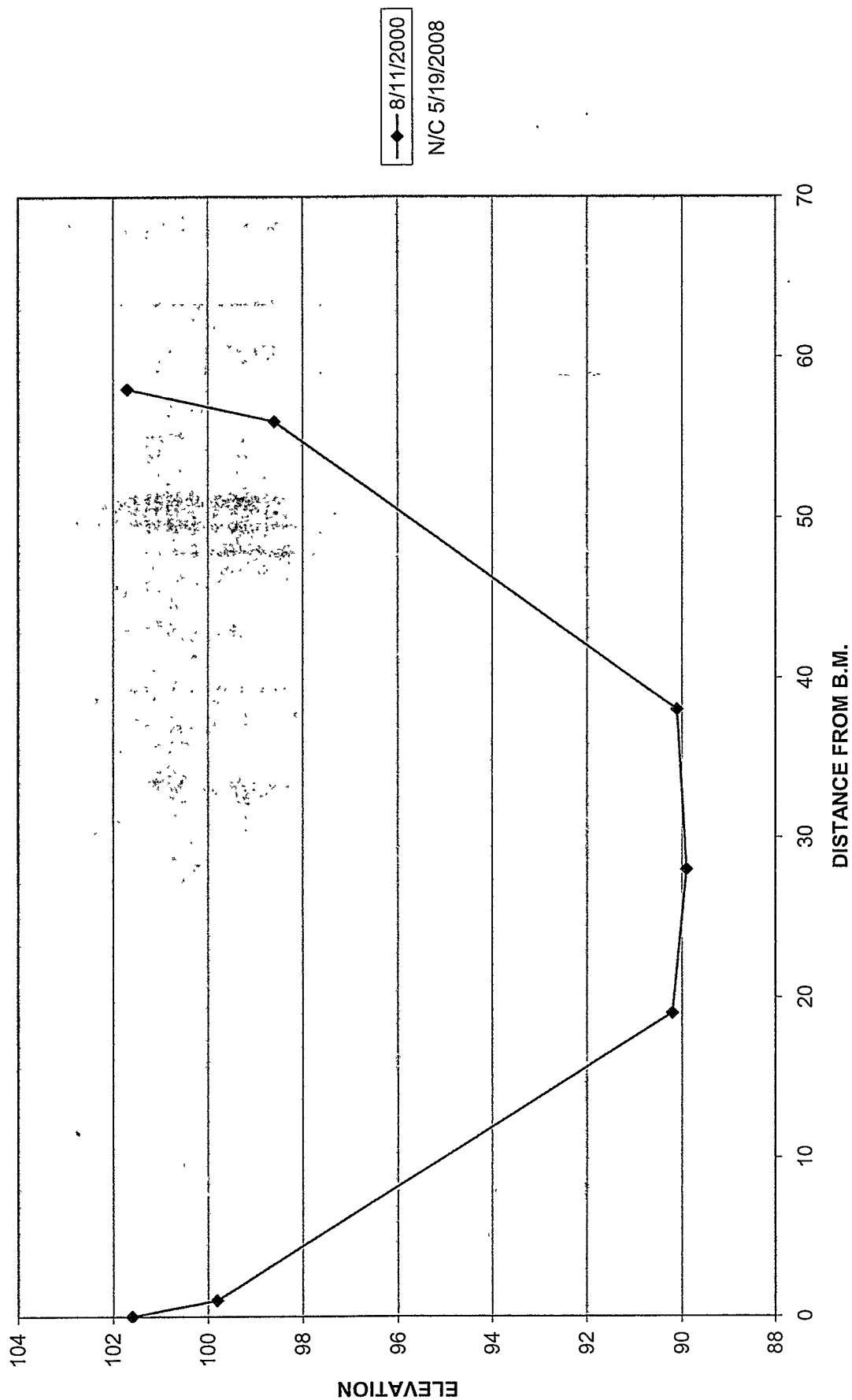
AUG 11 2021

38S80510003 UPSTREAM DRIPLINE



AUG 11 2021

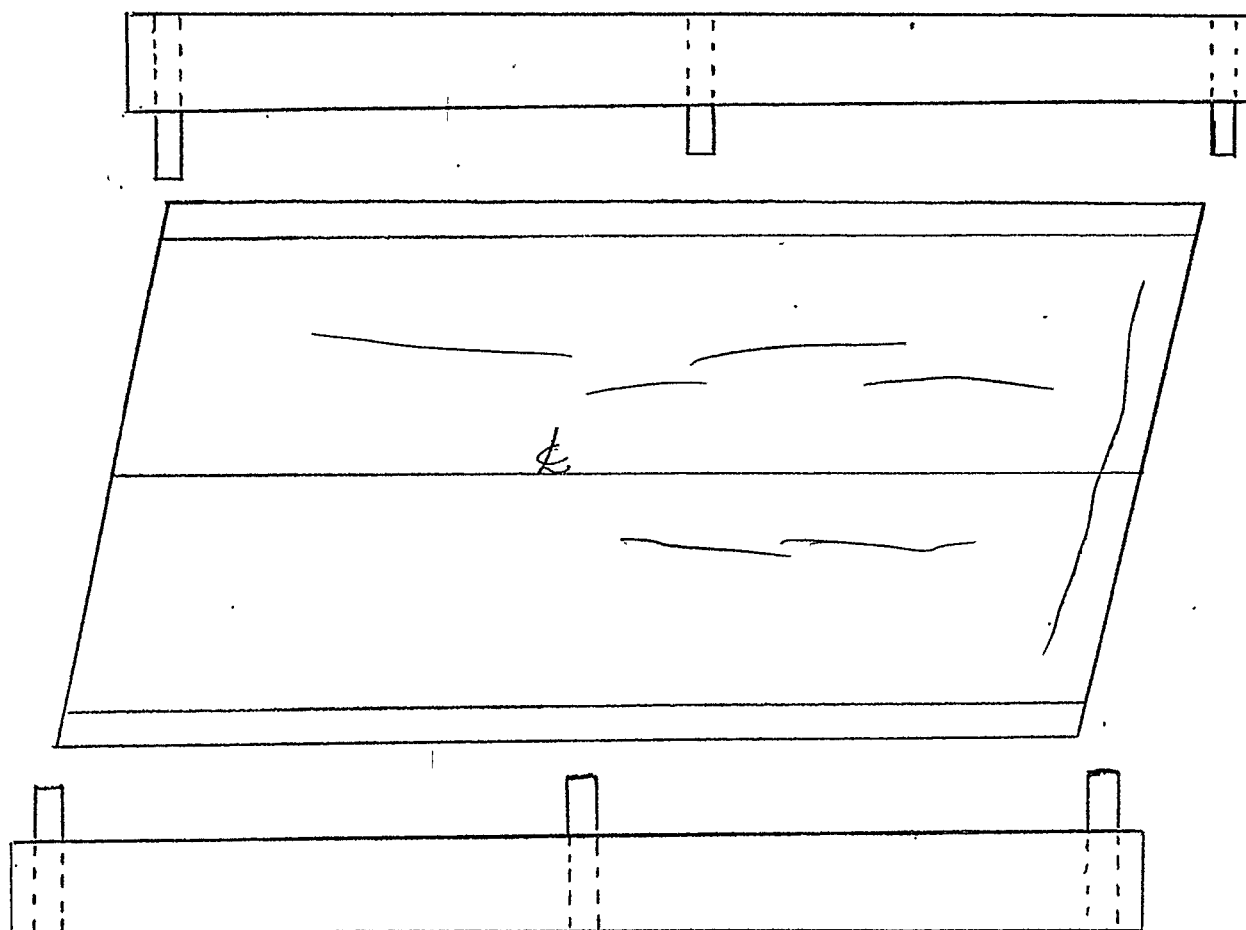
38S80510003 DOWNSTREAM DRIPLINE



AUG 11 2021

BRIDGE NO. 38 180 261
2.61

SKEW 75 SPAN NO. 1



DIR. OF ROUTE →

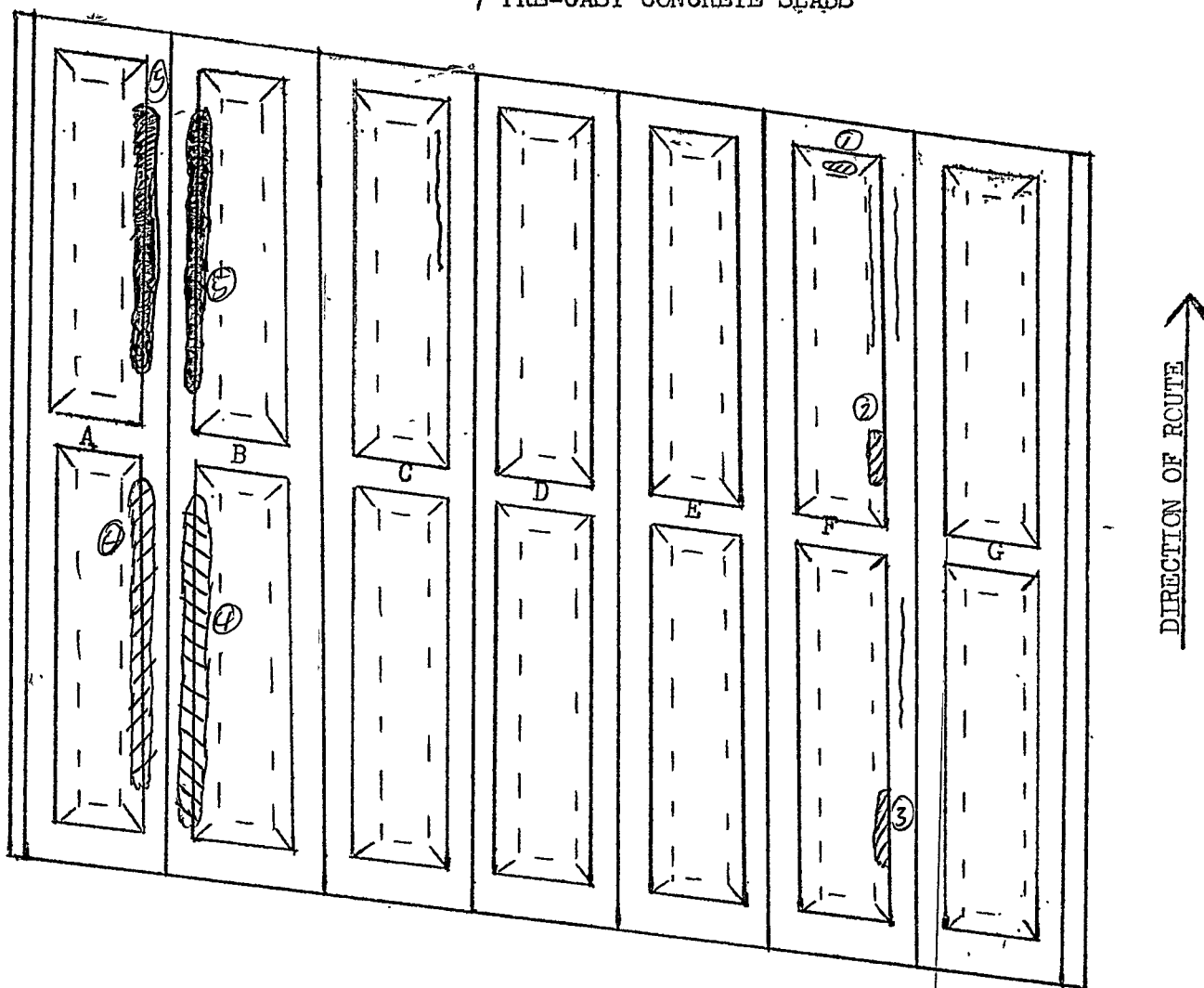
ELEMENT	RATING	COMMENTS
TOP DECK	G F P C	1/16" cracks
CURB	G F P C	
RAIL&POST	G F P C	
PAINT	G F P C	
DRAINS	G F P C	
EXP. JOINT	G F P C	

BRIDGE NO. 38 180 261
2.61

SKEW 75 ° LT.

SPAN NO. 1
AUG 11 2021

7 PRE-CAST CONCRETE SLABS



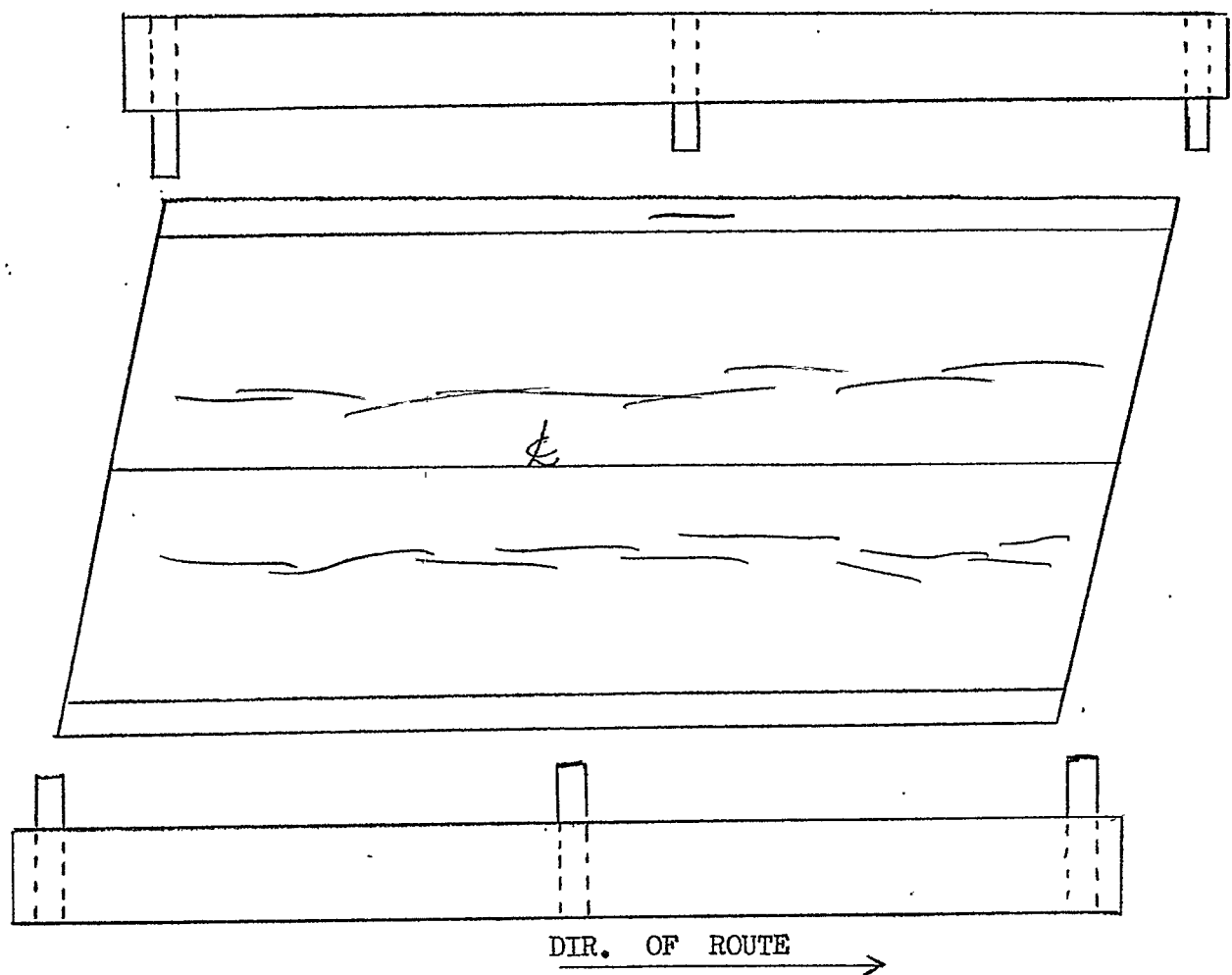
ELEMENT	RATING				COMMENT
SLAB	A	G	F	(P) C	see 4,5
	B	G	F	(P) C	see 4,5
	C	G	(F)	P C	fine crack
	D	(G)	F	P C	
	E	(G)	F	P C	
	F	G	(F)	P C	fine cracks, see 1,2,3
	G	(G)	F	P C	
BOLTS	(G)	F	P	C	

- ① 1' W x 5" H x 1 1/2" D
Spall to steel
- ② 1 1/2' L x 4" H x 1 1/2" D
Spall to steel
- ③ 2 1/2' L x 5" H x 2" D
Spall to steel
- ④ 6' L x 3" H x 4" W x 2" D
Spall to steel
- ⑤ 6' L x 3" H x 3" W x ? D
Impending spall

AUG 11 2021

BRIDGE NO. 38 180 261
261

SKEW 75 SPAN NO. 2



ELEMENT	RATING	COMMENTS
TOP DECK	(G) F P C	1/16" cracks
CURB	(G) F P C	Vertical crack
RAIL&POST	(G) F P C	
PAINT	G F P C	
DRAINS	(G) F P C	
EXP. JOINT	G F P C	

63

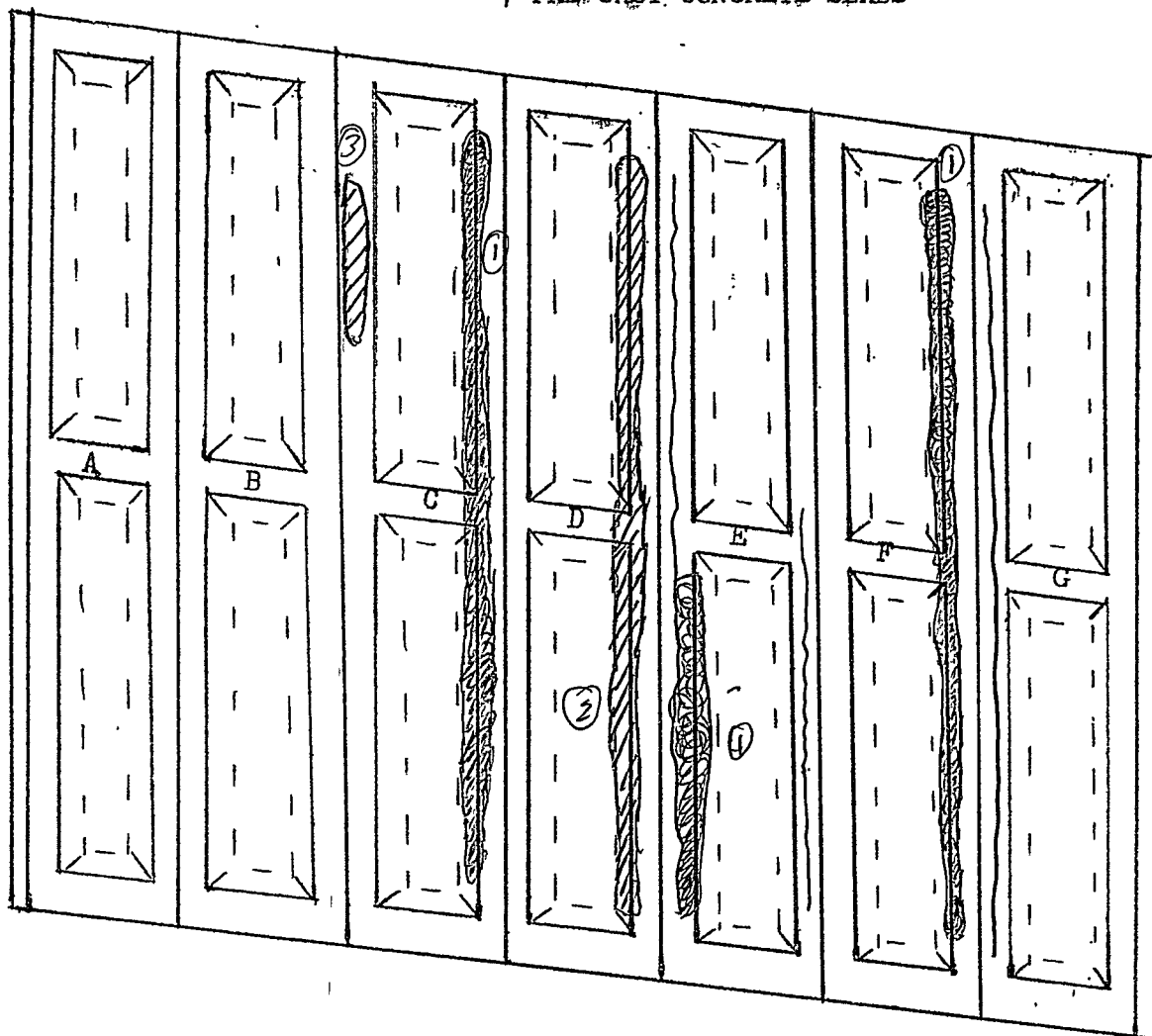
BRIDGE NO. 38 180 267

SKEW 75° LT.

SPAN NO. 2

AUG 11 2021

7 PRE-CAST CONCRETE SLABS



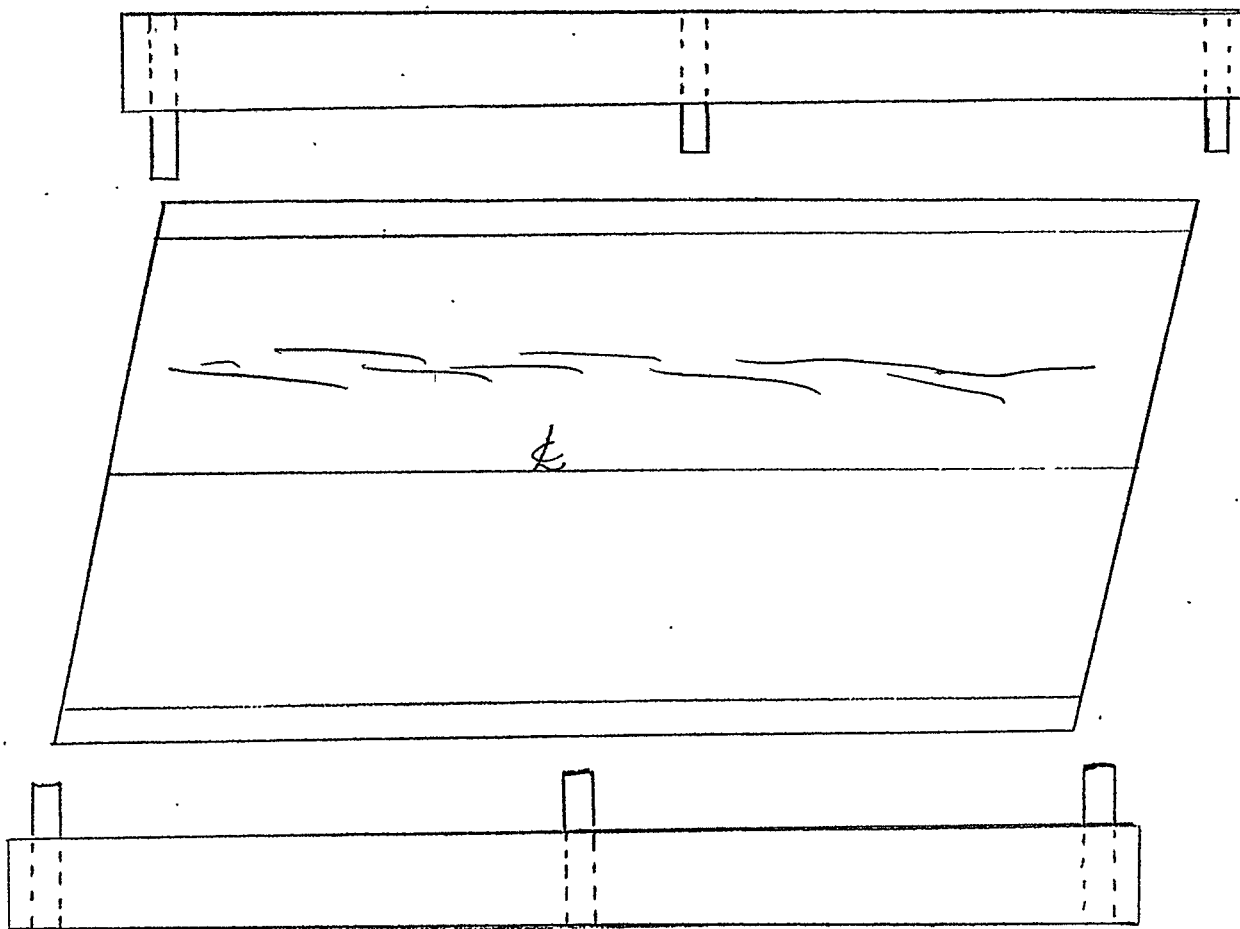
ELEMENT		RATING				COMMENT
SLAB	A	(G)	F	P	C	
	B	(G)	F	P	C	
	C	G	(F)	P	C	see 1,3
	D	G	F	(P)	C	see 2
	E	G	(F)	P	C	1/16" crack, see 4
	F	G	(F)	P	C	see 1
	G	G	(F)	P	C	1/16" crack
BOLTS		(G)	F	P	C	

- ① 19'2x3"Hx4'Wx?D
Impending Spall
- ② 19'2x5"Hx4'Wx2"D
Spall to steel
- ③ 6'2x4'Wx2"Hx2"D
Spall to steel
- ④ 12'2x4'Wx3"Hx?D
Impending Spall

AUG 11 2021

BRIDGE NO. 38 180 261
Z.61

SKEW 75 SPAN NO. 3



DIR. OF ROUTE →

ELEMENT	RATING	COMMENTS
TOP DECK	<u>G</u> F P C	1/16" cracks
CURB	<u>G</u> F P C	
RAIL&POST	<u>G</u> F P C	
PAINT	G F P C	
DRAINS	<u>G</u> F P C	
EXP. JOINT	G F P C	

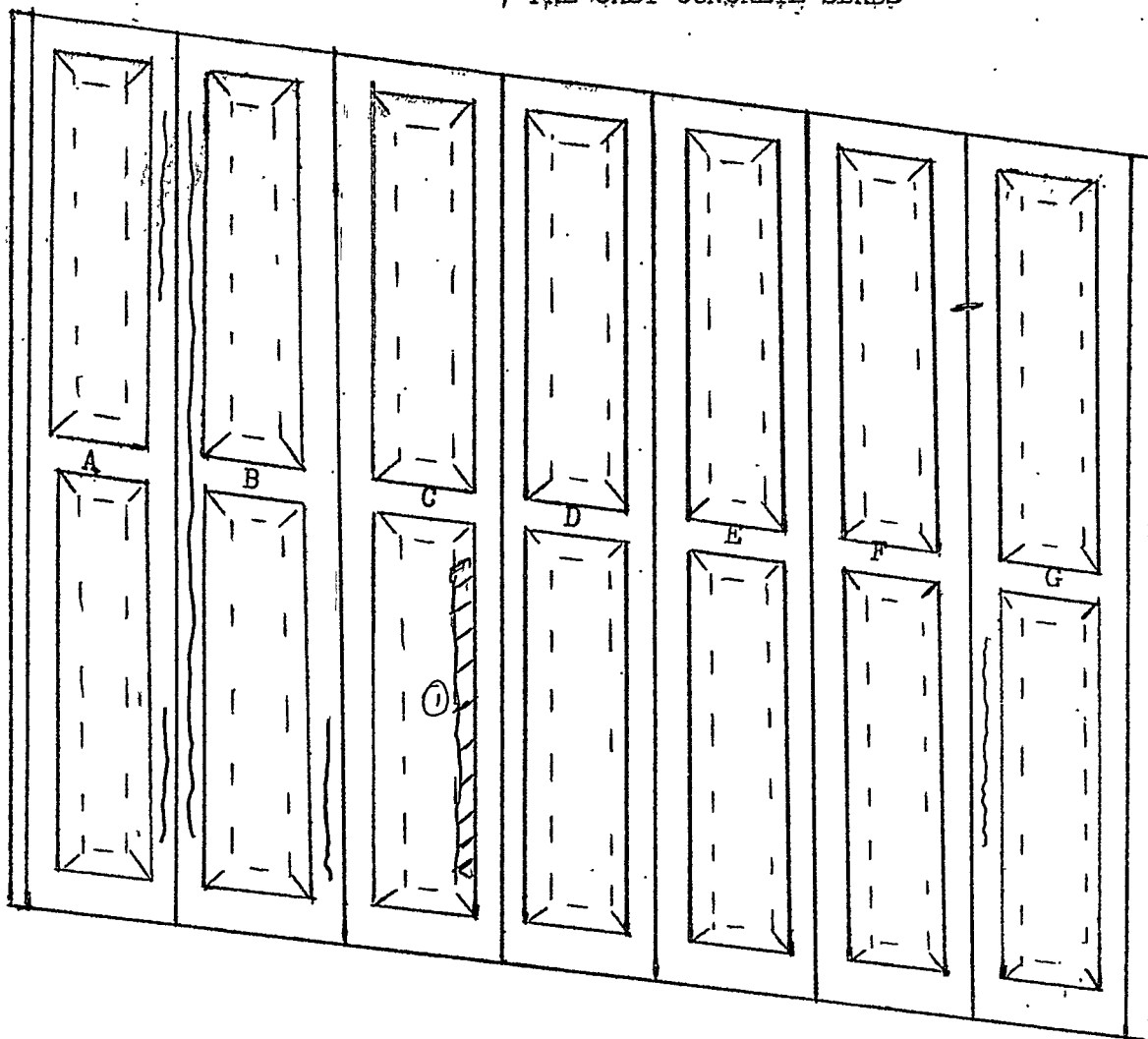
BRIDGE NO. 38 180 261
261

SKEW 75° LT.

SPAN NO. 3

AUG 11 2021

7 PRE-CAST CONCRETE SLABS



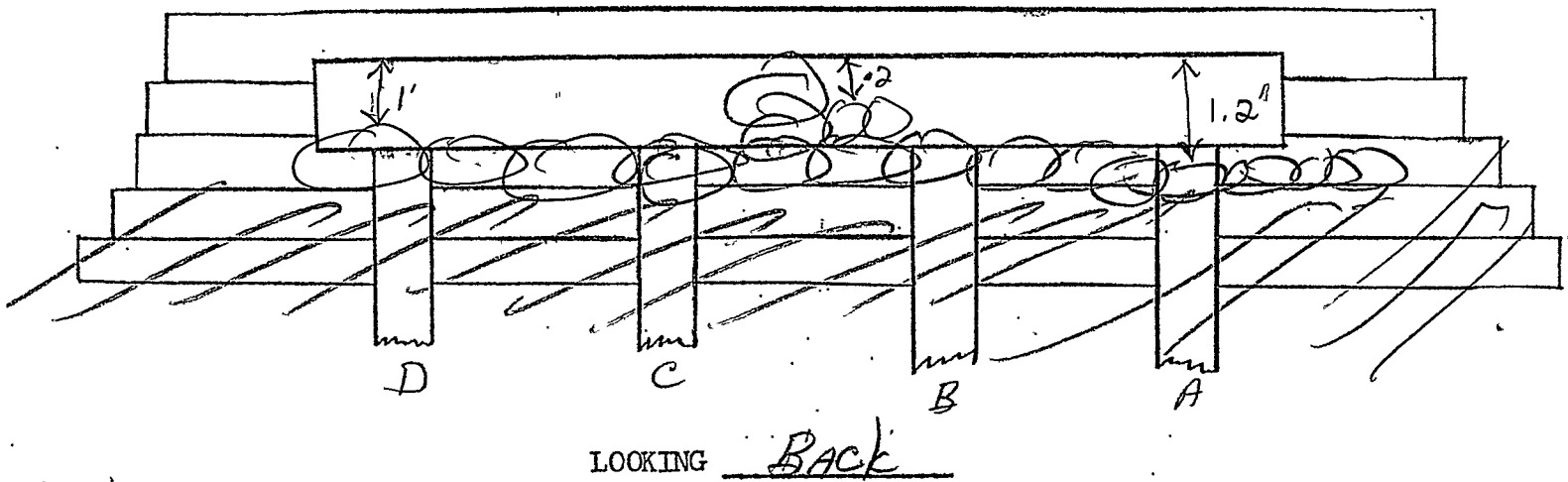
ELEMENT		RATING			COMMENT
SLAB	A	G	(F)	P C	1/16" cracks
	B	G	(F)	P C	1/16" cracks
	C	G	(F)	P C	see 1
	D	(G)	F	P C	
	E	(G)	F	P C	
	F	(G)	F	P C	
	G	G	(F)	P C	fine crack
BOLTS	G	(F)	P C		MISSING

1 8'0" x 3'0" x 3'0" x 2'
Spall to steel

COMMENTS: _____

BR. NO. 38 280 261
2.51

ABUT. NO. 1 AUG 11 2021

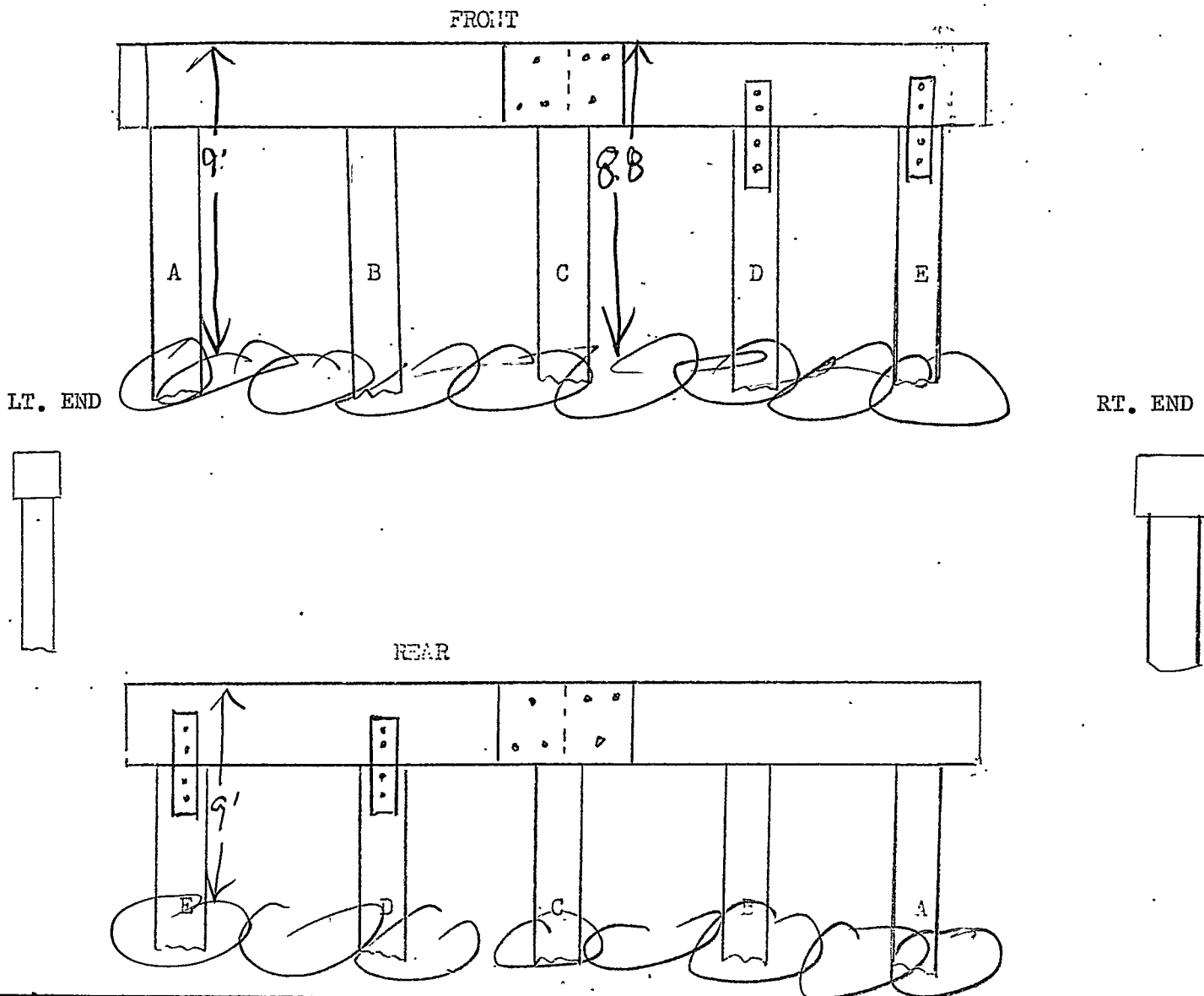


ELEMENT	RATING	COMMENT
CAP	G <u>F</u> P C	light to med weathering
BREASTWALL	G F P C	NV
WINGS	G F P C	NV
PILING	A G F P C B G F P C C G F P C D G F P C	NV
RIP RAP	G <u>F</u> P C	
EMB.	G <u>F</u> P C	
VEG.	G <u>F</u> P C	

AUG 11 2021

BR. NO. 38 180 2.61 SK.

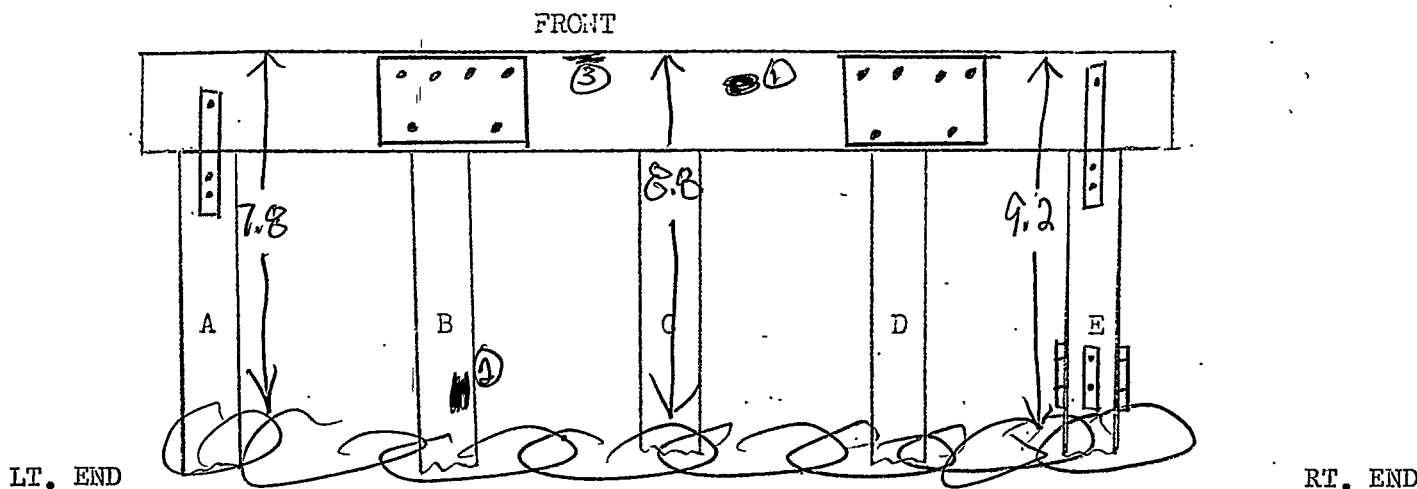
BENT NO. 1



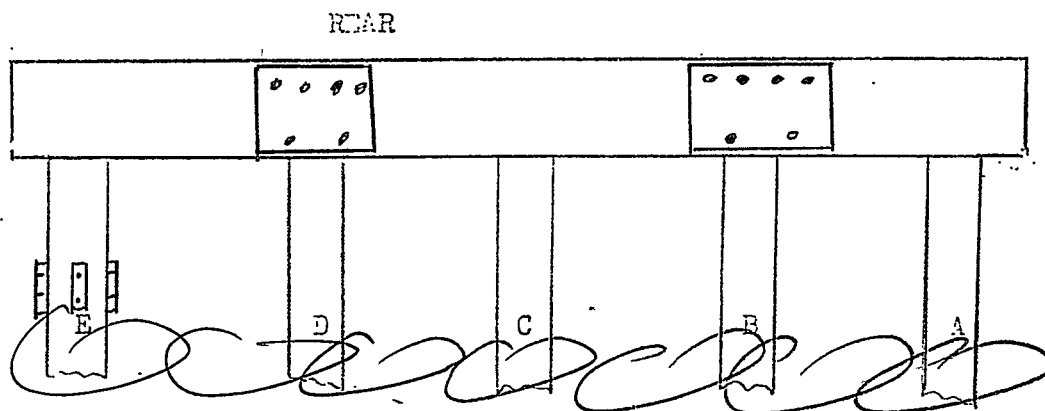
ELEMENT		RATING	COMMENT
BEARINGS		G F P C	
CAP		G (F) P C	light to med weathering
PILE	A	G (F) P C	
	B	G F P C	
	C	G F P C	
	D	G F P C	
	E	G F P C	
BRACING		G (F) P C	BROKEN light to med weathering

BR. NO. 38 180 261 SK.

AUG. 11 2021
BENT NO. 2



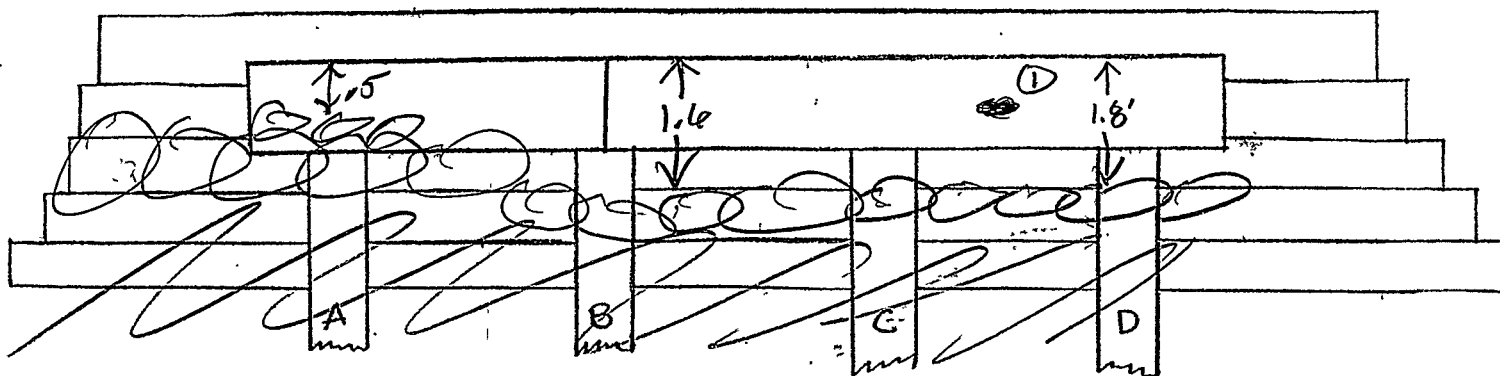
- ① Decay Area $5\frac{1}{4} \times 1\frac{1}{2} \times 2\frac{1}{2}$
② " " $1\frac{1}{4} \times 3\frac{3}{4} \times 2\frac{1}{2}$
③ Sp. Water $4\frac{1}{4} \times 1\frac{1}{2} \times 1\frac{1}{2}$



ELEMENT		RATING	COMMENT
BEARINGS		G F P C	
CAP		G <u>F</u> P C	light to med weathering see 1+3
PILE	A	G <u>F</u> P C	 see 2
	B	G F P C	
	C	G F P C	
	D	G F P C	
	E	G <u>F</u> P C	
BRACING		G F P C	

AUG 11 2021

BR. NO. 38 180 261 ABUT. NO. 2



LOOKING Ahead ① Decay 2/3 X 1/4 X 1/10

ELEMENT	RATING	COMMENT
CAP	G (F) P C	light to med weathering see ①
BREASTWALL	G F P C	NV
WINGS	G (F) P C	light to med weathering
PILING	A G F P C B G (F) P C C G (F) P C D G F P C	NV light to med weathering
RIP RAP	G (F) P C	Scattered
EMB.	(G) F P C	
VEG.	(G) F P C	

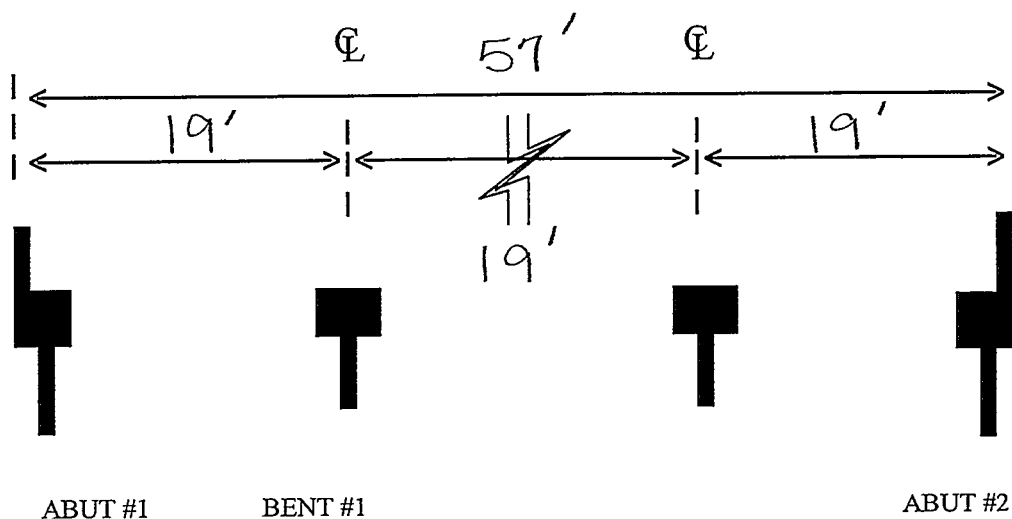
AUG 11 2021

38S80510003 38 SR180 0261 SKEW: 60L
BRIDGE NO.: CO. ROUTE L.M. L/R

Direction of Route



F = FIXED
E = EXPANSION
S = SIMPLE
C = CONTINUOUS



SIDE OF BRIDGE

AUG - 1 1 2021

Your Agency Name

Your Office Name

Your Department Name

Structure Inventory and Appraisal Sheet (English Units)

ELEMENT CONDITION STATE DATA												
Str Unit	Elm/Env	Description	Unit	Total Qty	% In 1	Qty. St. 1	% In 2	Qty. St. 2	% In 3	Qty. St. 3	% In 4	Qty. St. 4
0	16/3	Re Conc Top Flange	sq.ft	1,425.00	100%	1,425.00	0%	0.00	0%	0.00	0%	0.00
0	510/3	Wearing Surfaces	sq.ft	1,368.00	74%	1,018.00	26%	350.00	0%	0.00	0%	0.00
0	3220/3	Crack (Wearing Surface)	sq.ft	350.00	0%	0.00	100%	350.00	0%	0.00	0%	0.00
0	116/3	Re Conc Stringer	ft	400.00	47%	187.00	53%	213.00	0%	0.00	0%	0.00
0	1080/3	Delamination/Spall/Patched Area	ft	62.00	0%	0.00	100%	62.00	0%	0.00	0%	0.00
0	1090/3	Exposed Rebar	ft	51.00	0%	0.00	100%	51.00	0%	0.00	0%	0.00
0	1130/3	Cracking (RC and Other)	ft	100.00	0%	0.00	100%	100.00	0%	0.00	0%	0.00
0	216/3	Timber Abutment	ft	62.00	97%	60.00	3%	2.00	0%	0.00	0%	0.00
0	1140/3	Decay/Section Loss	ft	2.00	0%	0.00	100%	2.00	0%	0.00	0%	0.00
0	228/3	Timber Pile	(EA)	10.00	90%	9.00	10%	1.00	0%	0.00	0%	0.00
0	1140/3	Decay/Section Loss	(EA)	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
0	235/3	Timber Pier Cap	ft	62.00	97%	60.00	3%	2.00	0%	0.00	0%	0.00
0	1140/3	Decay/Section Loss	ft	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
0	1170/3	Spill/Delamination (Timber)	ft	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
0	333/3	Other Bridge Railing	ft	114.00	100%	114.00	0%	0.00	0%	0.00	0%	0.00