



Hamilton County

Regular Inspection Report

Location: 33-I0075-01.91 <u>Federal ID</u>: 33I00750019 <u>Maintenance Responsibility</u>:

State of Tennessee

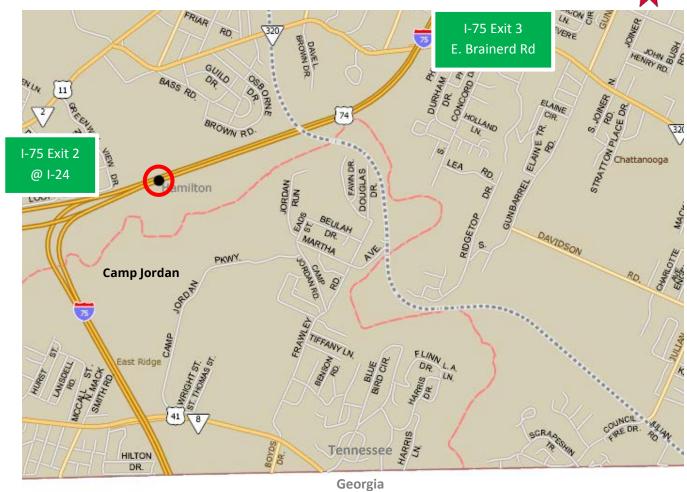
<u>Description</u>:
4 Span Bridge
I-75
OVER
South Chickamauga Creek

<u>Inspection Date</u>: July 19, 2016 <u>Overall Condition Rating</u>:

FAIR



LOCATION MAP





Direction of Flow

Direction of Inspection Route

BRIDGE MAINTENANCE RECOMMENDATIONS

COUNTY: HAMILTON

LOCATION: 33-I0075-01.91-

CO. SEQ.: 1 SPEC. CASE: 0

MILEPOST: 1.92

CROSSING: SOUTH CHICKAMAUGA CREEK

FED. BRIDGE NO.: 33100750019

CLEAR DRAINS IN SPAN NO. 4 , RT. Approach 1 - SBL - Repair potholes

REPAIR BRIDGERAIL ON RIGHT SIDE OF SPAN NO.2, 3 & 4.

CLEAR APPROACH DRAINS



REPAIR LIST NO.:

DATE ADDED: 08/08/2002

MAINT. DIST.: 33			REVISED: 0	7/25/2016
FACILITY CARRIED:		I75	NUMBER OF MAIN SPANS:	4
HIGHWAY SYSTEM: 02-IN	TERSTATE U	RBAN	NUMBER OF APPROACH SPANS	: 0
BRIDGE WIDTH (CURB TO CURB):	124 FT	4 IN	BRIDGE LENGTH (FT):	266
BRIDGE WIDTH (OUT TO OUT):	129 FT 1	1 IN	MAXIMUM SPAN LENGTH (FT)	: 67
APPROACH ROADWAY (W/SHOULDERS):	124 FT	0 IN	SKEW ANGLE (DEGREES):	90
MAINTAINED BY: MAIN SPAN MATERIAL: MAIN SPAN DESIGN TYPE:	BOX B		STATE HIGHWAY AGENCY PRESTRESSED CONCRETE R GIRDERS - MULTIPLE	
APPROACH SPAN MATERIAL:		OTH	ER OR NOT APPLICABLE	
APPROACH SPAN DESIGN TYPE:		OTH	ER OR NOT APPLICABLE	
INSPECTION DATE: 07/19/2016	<u>;</u>	GI	ENERAL CONDITION:	FAIR
EVALUATION DATE: 08/12/2014 PPRM PIN NUMBER:	<u>.</u> -	Sī	FRUCTURALLY DEFICIENT:	NO
H TRUCK RATING @ INV.: 20 TONS	5	St	JFFICIENCY RATING:	78.0
SUGGESTED ROUTINE MAINTENANCE AND COM	MENTS			

GENERAL	COMMENTS:			

Bridge Condition Coding Form

Revised 07/25/2016

County: 33 DEPARTMENT OF TRANSPORTATION **Route:** I0075 Bridge Number: 331007500191 (Includes Item 5A) **Special Case:** 0 **Feature Intersected:** SOUTH CHICKAMAUGA CREEK **County Sequence:** 1 Log Mile: 1.91 **Evaluation Status:** OTHER ITEM(S) HAVE BEEN CHANGED

CODE ONLY THOSE VALUES WHICH HAVE CHANGED

TEM#	DESCRIPTION	VA	LUE		
90	LAST INSPECTION DATE	07/	/19/20	16	1
	EARLIEST DATE OF	05/	20/20	18	1
	NEXT REGULAR INSPECTION	1	/		-
10	MINIMUM V.C. OVER DECK (ROADWAY + SHOULDERS)	99	FT. FT	99	IN IN
520	MINIMUM V.C. OVER DECK (EXCLUDES SHOULDERS)		FT. FT	99	IN IN
36	TRAFFIC SAFETY FEATURES Br. Rail Trans. Appr. Rail Te 1 0 0	erminal 0	SPE	ED LI 55	MI'
41	STRC OPEN/CLOSED/POSTED A K P		A		_
58	DECK		6		
59	SUPERSTRUCTURE		6		
60	SUBSTRUCTURE		7		
61	CHANL/CHANL PROTECTION		7		
62	CULVERT AND RETAIN WALL		N		
71	WATERWAY ADEQUACY		7		
72	APPROACH RDWY ALIGNMENT		8		
521	OVERALL CONDITION		FAIR		
	LATITUDE 17 LONGITUD N 35° .4460' W 85° 12.1330				_
	EAM LEADER SIGNATURE	R	/ EVIEW	/ / DATI	E

CONDITION CODING GUIDELINES

(Values for Coding Items 58, 59, 60 and 62)

- N NOT APPLICABLE
- 9 EXCELLENT CONDITION
- 8 VERY GOOD CONDITION NO PROBLEMS NOTED.
- 7 GOOD CONDITION SOME MINOR PROBLEMS.
- 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.
- 4 POOR CONDITION ADVANCED SECTION LOSS, DETERIORATION, SPALLING OR SCOUR.
- 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.
- 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.
- 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.
- 0 FAILED CONDITION OUT OF SERVICE AND BEYOND CORRECTIVE ACTION.

Bridge ID#: 33I00750019 Date: 07/19/2016



BRIDGE # - SPAN 1 - BEAM DD



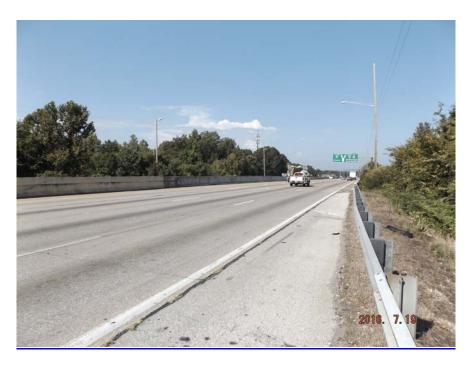
LOOKING AHEAD - NB



LOOKING AHEAD - SB



LOOKING BACK - NB



LOOKING BACK - SB



LEFT SIDEVIEW - OUTLET



UPSTREAM



DOWNSTREAM



SUPER/SUB STRUCTURE - LEFT



SUPER/SUB STRUCTURE - CENTER



SUPER/SUB STRUCTURE - RIGHT



SPAN 1 - LEFT - PATCHED CRACKS/DELAMS



APPROACH 1 - NB



APPROACH 1 - SB



APPROACH 1 - SB - POTHOLE



WEARING SURFACE - NB



WEARING SURFACE - SB



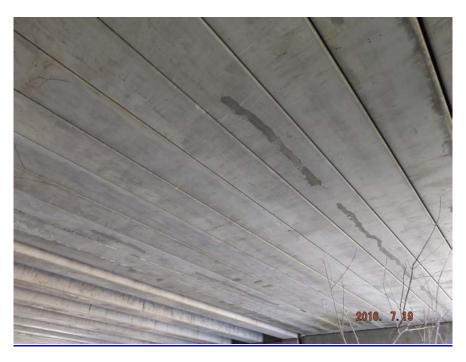
TRAFFIC SAFETY FEATURES



APPROACH 2 - NB



APPROACH 2 - SB



SPAN 3 - LEFT - CRACK REPAIRS



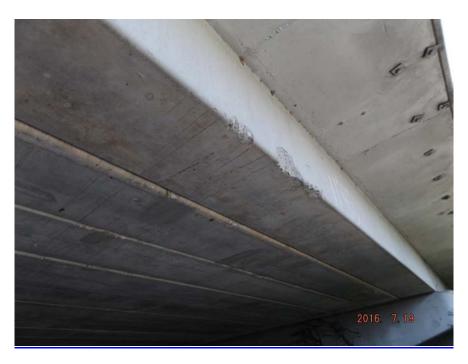
SPAN 3 - BEAM U - REBAR SPALL



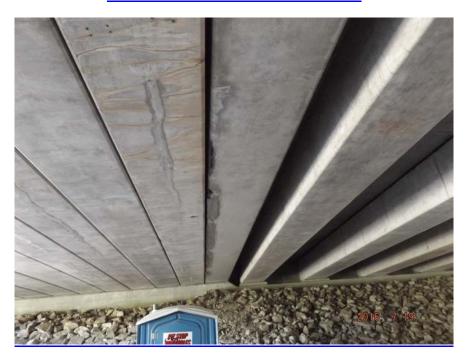
SPAN 4 - BEAM A - ABUTMENT 2 - SHEAR CRACK



SPAN 4 - BEAM A - ABUTMENT 2 - SHEAR CRACK



SPAN 4 - BEAM A - MID SPAN - SPALLS



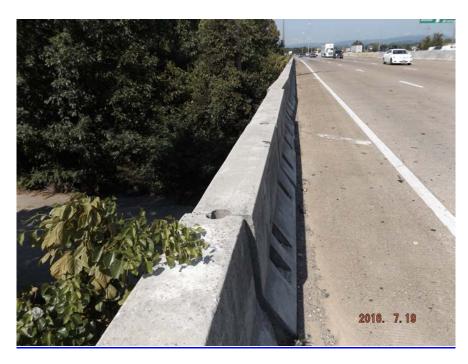
SPAN 4 - BEAM L - REBAR SPALLS



SPAN 4 - BEAM L - REBAR SPALLS



SPAN 4 - RIGHT - DRAIN CLOGGED



SPAN 4 - RIGHT - BRIDGE RAIL - COLLISION DAMAGE

BRIDGE INSP	ECTION REPORT	Page No
Form BIR 3.0	Field Report No. 23	3 Date 7/19/2016
(Rev. 9-22-98)	Previous Report No. 22	2 Date 7/8/2014
DT-0069	Plans:	DESIGN
Bridge No. 33I00750019	Bridge Location No. 33	3 - 10075 - 0191
Eleven Digit No.	Co	
	CHICKAMAUGA CREEK	
Facility Carried by Structure	•	Structure Name (If Named)
Year Constructed 1960 ACTUAL	<u> </u>	laintenance District 21
Year Widened 1992 ACTUAL	Year Rehabilitated 1992	ACTUAL
<u>FEATURES</u>		TEAM LEADER
Wearing Surface CONCRETE	Depth 8.3 (in.)	
Flared Width NO Media	n Width OPEN	Tays
Navigational Control NO Bridge	Skew 90°	<u>INSPECTORS</u>
Structure Type (Main Span) PCBB		Haas
Structure Type (Appr.Spans) NA		
	Spans 0	
No. Main Spans 4 No. Approach	·	
Maximum Span Length 67.0 (**.* ft	•	
Total Length(**.* ft	i.)	
WIDTHS (*.* ft.)	<u>CLEARANCES</u>	
Deck Out-to-Out 130.0	Min. Vertical Clearance over I	Deck 99-99 (ftin.)
Roadway Curb/Curb NA	Min. Vertical Under Clearance	` ` '
Roadway Rail/Rail 128.0	Min. Lateral Under Clearance	· ·
Sidewalk Rt. NA Lt. NA	Min. Lateral Under Clearance	
	Willi. Lateral Officer Clearance	Lt. <u>NA</u> (. 1t.)
*Approach Roadway <u>2@48</u> *(Does Not Include Shoulders)	FRACTURE CRITICAL: NO	_
Approach Shoulder Rt. 6.0	(If Yes, Include BIR 3.9)	
Lt. 12.0	NBIS Bridge Length (<25 ft.)	(ftin.)
UNDERWATER INSPECTION		
To Be Performed By: DOT FIELD TEAM	Date	
Change in Structural Condition: NO	Major Repairs Made: NO	BRIDGE is: OPEN
COMMENTS:		
ACCESS IS APPROVED THROUGH GOLF COURSE	E MAITENANCE TRAIL.	
2016 - Access - Levee trail behind Walmart		

Supervising Bridge Inspector: Tays

BRIDGE RATING: FAIR

Form BIR 3.1						F	Page No
(Rev. 9-22-98)		Bridge	e Lo	cation No. 33	- 10075 - 0191	Date	7/19/2016
DT-0080		J		Co.	Route Log Mile		
PERFORMANCE	EVA	LUAT	ION				
Time of Day Ins	pected	t	ΑN	l Weathe	er Conditions Sunny 80 F		
Vehicles Observ	ed A	LL TY	PES				
	— U A V/I c	3 D					
Substructure	HAVIC	<u>אכ</u> Yes/۱	No.		Comments		
Horiz./ Ver	t Dofl		1		Commence		
Vibration	t. Deli	NC NC					
Superstructure	,	INC	+				
Horiz./ Ver		l NG					
Vibration	t. Deli	-					
Vibration		NC					
<u>APPROACH</u>	Rati	ng			Comments		
Alignment	GO	DD					
Slab	FA	IR	NAF	RROW CRACKS, S	PALLS, DELAM, SETTLED, PATCI	HES	
Joints	FA	IR	MAT	TERIAL LOSS			
Pavement	POO	OR	Арр	roach 1 - Left/Right	t potholes		
Embankment	GO	DC					
Drains	FA	IR	FILLING W/ DIRT-VEGETATION				
TRAFFIC SAFET	Y FE	ATUR Ratir		Standard/ SubStandard	Comments		
Bridgerailing	ſ	POC	DR	STANDARD	SIGNIFICANT DAMAGE AT RIGI	HT SIDE	
Transitions	FAIR NONSTA		NONSTANDARD	METAL BLOCKS			
Guardrail	FAIR NONSTANDARD METAL BLOCKS						

5		NO		_	
SIGNING	_	Yes/ No/ Needed		Weight Limit Posted _	NO
Guardrail Terminal	FAIR	NONSTANDARD	> 100' fro	m bridge end	
Guardrail	FAIR	NONSTANDARD	METAL B	PLOCKS	
Transitions	FAIR	NONSTANDARD	METALB	BLOCKS	

Paddleboards

Vertical Clearance (<14'-6")

Narrow Bridge Signs

One Lane Bridge Signs

NO	
NO	
NO	
NO	

Weight Limit Posted _	NO
Gross	Tons
2 Axle	Tons
3 or more Axles	Tons

Other Signs or Plaques:

Comments Regarding any Problems with Signing:

DT-0081	(Rev. 9-22-98)	Dridge	Location No. 22 10075 0101 Data 7/10/2016
DECK Rating Comments	•	ьпаде	
Wearing Surface FAIR NUMEROUS NARROW CRACKS. SPALL. Deck - Structural Condition GOOD HL CRACKS W/EFF. Curbs NONE Median GOOD CLOSED MEDIAN NON-MOUNTABLE Sidewalks NONE Parapet N/A Railing N/A Paint N/A Drains GOOD SPAN 4, RT, CLOSED Lighting Standards MONE Utilities NONE Joint Leakage Expansion Joints Expansion Joints NONE SUPERSTRUCTURE Bearing Devices GOOD Abutments - None - Integral, Bents - Fixed Girders or Beams G-F HL CRACKS, DELAMS, REBAR SPALLS, PATCHES, COLLISION SPALLS. Floor Beams NA Stringers NA Diaphragms GOOD Bracing NA Portals NA Paint NA Alignment of Members NA FAIR Needs Spot Painting NO Staining Rating FAIR Failr Failr Failr Failr Comments NO	DECK	Rating	-
Deck - Structural Condition Curbs NONE Median Sidewalks NONE Parapet N/A Railing N/A Paint Drains CoOD SPAN 4, RT, CLOSED WONE WONE NONE SUPERSTRUCTURE Bearing Devices Girders or Beams G-F HL CRACKS, DELAMS, REBAR SPALLS, PATCHES, COLLISION SPALLS. Floor Beams Stringers NA NA Diaphragms Bracing Paint NA Portals Bracing Paint NA NA Paint NA Portals Bracing Paint NA Alignment of Members FAIR Comments FAIR Needs Spot Painting NO SITUATION NO SHEET NO NO NO HL CRACKS WEFF. COSED NON-MOND-MOUNTABLE NA NONE SUPERSTRUCTURE Bearing Devices GOOD Abutments - None - Integral, Bents - Fixed Stringers NA NA NA NA NA NA NA NA NA N		FAIR	NUMEROUS NARROW CRACKS. SPALL.
Condition Curbs NONE Median GOOD CLOSED MEDIAN NON-MOUNTABLE Sidewalks NONE Parapet N/A Railing N/A Paint Drains GOOD SPAN 4, RT, CLOSED Lighting Standards Utilities Joint Leakage Expansion Joints SUPERSTRUCTURE Bearing Devices GOOD Abutments - None - Integral, Bents - Fixed Girders or Beams GOOD GOOD Abutments - None - Integral, Bents - Fixed MA Stringers NA Diaphragms Bracing Trusses - General NA Portals Bracing Paint NA Alignment of Members FAIR Overall Appearance FAIR Sidening Rating FAIR None Comments None Comments NONE VA NONE Abutments - None - Integral, Bents - Fixed Comments NA Stringers NA	Training Carriers		
Median Sidewalks NONE NONE Parapet N/A Railing N/A Paint Drains GOOD SPAN 4, RT, CLOSED Utilities NONE Joint Leakage Expansion Joints SUPERSTRUCTURE Bearing Devices GOOD GOOD Abutments - None - Integral, Bents - Fixed Girders or Beams G-F HL CRACKS, DELAMS, REBAR SPALLS, PATCHES, COLLISION SPALLS. Floor Beams Stringers NA Diaphragms Bracing NA Trusses - General NA Portals Bracing Paint NA Alignment of Members TEXTURE COAT Condition Rating FAIR Coverall Appearance FAIR Stalining Rating FAIR Needs Spot Painting NO SPAN 4, RT, CLOSED LOSED LOSED LOSED LOSED LOSED LOSED MEDIAN NON-MOUNTABLE NA Railing NA RAILING RAILING NA REBAR SPALLS, PATCHES, COLLISION SPALLS. PATCHES, COLLISION SPALLS. PATCHES RAILING NA RES		GOOD	HL CRACKS W/ EFF.
Sidewalks NONE Parapet N/A Railing N/A Paint NA Drains GOOD SPAN 4, RT, CLOSED Lighting Standards Utilities NONE Joint Leakage Expansion Joints SUPERSTRUCTURE Bearing Devices GOOD Abutments - None - Integral, Bents - Fixed Girders or Beams NA Stringers NA Diaphragms GOOD STAN A Diaphragms GOOD Bracing NA Trusses - General NA Portals Bracing NA Portals Bracing NA Portals Bracing NA Pittingers NA Portals Bracing NA Portals Bracing NA Portals NA Alignment of Members GOOD TEXTURE COAT Condition Rating FAIR Needs Spot Painting YES Staining Rating FAIR Needs Repainting NO Scomments NA Needs Repainting NO NONE NA NA Needs Repainting NO NO NE NA NEEDS NO NO NE NA NEEDS NO NO NE NA NO NO NE NA	Curbs	NONE	
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Paint Drains	-	N/A	
Lighting Standards Utilities Joint Leakage Expansion Joints NA Expansion Joints SUPERSTRUCTURE Bearing Devices Girders or Beams G-F HL CRACKS, DELAMS, REBAR SPALLS, PATCHES, COLLISION SPALLS. Floor Beams Stringers NA Diaphragms Bracing NA Trusses - General Portals Bracing Paint Alignment of Members TEXTURE COAT Condition Rating Overall Appearance Staining Rating FAIR Fading Rating FAIR Fading Rating FAIR NA NA NONE NA NA Rone NA Rone - Integral, Bents - Fixed Abutments - None - Integral, Bents - Fixed Abutments - None - Integral, Bents - Fixed Ocallision SPALLS. PATCHES, COLLISION SPALLS. NA NA NA NA NA NA NA NA NA N	_	NA	
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Joint Leakage Expansion Joints Superstructure		NONE	
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Stringers NA Diaphragms GOOD Bracing NA Trusses - General NA Portals NA Bracing NA Paint NA Alignment of Members TEXTURE COAT Condition Rating FAIR Needs Spot Painting YES Overall Appearance FAIR Needs Repainting NO Staining Rating FAIR Faling Rating FAIR Comments	Girders or Beams	G-F	HL CRACKS, DELAMS, REBAR SPALLS, PATCHES, COLLISION SPALLS.
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Alignment of Members GOOD TEXTURE COAT Condition Rating FAIR Needs Spot Painting YES Overall Appearance FAIR Needs Repainting NO Staining Rating FAIR Fading Rating FAIR Comments	Bracing	NA	
TEXTURE COAT Condition Rating FAIR Needs Spot Painting YES Overall Appearance FAIR Needs Repainting NO Staining Rating FAIR Fading Rating FAIR Comments	Paint	NA	
TEXTURE COAT Condition Rating FAIR Needs Spot Painting YES Overall Appearance FAIR Needs Repainting NO Staining Rating FAIR Fading Rating FAIR Comments	Alignment of	GOOD	
Condition Rating FAIR Needs Spot Painting YES Overall Appearance FAIR Needs Repainting NO Staining Rating FAIR Fading Rating FAIR Comments	Members		
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Overall Appearance FAIR Needs Repainting NO Staining Rating FAIR Comments Fading Rating FAIR	TEXTURE COAT		
Staining Rating FAIR Comments Fading Rating FAIR		FAIR	Needs Spot Painting YES
Fading Rating FAIR Comments	Condition Rating		
	Condition Rating Overall Appearance	FAIR	Needs Repainting NO
Scaling Rating GOOD	Condition Rating Overall Appearance Staining Rating	FAIR FAIR	Needs Repainting NO

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

Bridge Location No.	33 -	10075	- 0191	
	Co.	Route	Log Mile	

Page No.____ Date _7/19/2016

SUBSTRUCTURE

Piles To Be Replaced:

ABUTMENTS	Rating	Comments
Caps	GOOD	
Breastwall	GOOD	HL-NARROW CRACKS, DELAM, SPALL.
Wings	GOOD	
Backwall	GOOD	HL CRACKS W/ EFF.
Plumb	GOOD	
Footing	NA	
Piles	NV	
Embankment	GOOD	
Bearing Surface	GOOD	
Slope Paving	NA	
Rip Rap	GOOD	
<u>PIERS</u>		
Caps	N/A	
Columns	N/A	
Plumb	N/A	
	N/A N/A	
Footings Piles	N/A N/A	
	N/A N/A	
Bearing Surface	IN/A	
BENTS		
Caps	GOOD	HL-SM cracks
Columns	GOOD	HL-SM cracks
Plumb	GOOD	
Footings	GOOD	
Piles	NV	
Bearing Surface	GOOD	
Piles Need Replace	ement:	

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

Bridge Location No. 33 - 10075 - 0191 Route Co.

Log Mile

Date 7/19/2016

STREAM CHANNEL DATA AND CONDITIONS

		Stream Crossing: SOUTH CHICKAMAUGA CREEK *									
l.	1.	Type of bed material? SAND, GRAVEL									
	2.	Has channel shifted? NO (Yes/ No/ Not Apparent)									
	3.	Condition of rip-rap? GOOD Est. % failed%									
	4.	Overall condition of channel? GOOD									
	5.	Item 61 - Code values 0 thru 9 according to the recording and coding guide currently in effect:									
	6.	Underwater diver inspection recommended? NO lf yes, why?									
II.	Ch	annel and bank stability conditions: (yes if applicable)									
	1.	Steep bank conditions: Failures upstream No Failures downstream No									
	2.	Moderate bank erosion No									
	3.	Bank vegetation: a. low growth YES b. large timber YES c. clear banks No									
		d. dead trees upstream No e. dead trees downstream No									
		Sediment or gravel accumulation: NO (Yes/ No/ Unknown)									
		Channel altered or straightened: NO (Yes/ No/ Unknown)									
	6.	Stable conditions: a. live growth YES b. bedrock NV c. boulders No d. flat slopes (<=2:1) No									
III.	Wa	aterway adequacy and debris characteristics: (yes if applicable)									
	1.	Bridge deck elevations:									
		a. level with approach roadwayYES									
		b. higher than approach roadway									
	2	c. roadway approach >= 2 ft. above natural ground line YES									
	2.	Abutment encroaches into channel									
		Large scour (blowhole) under bridge No									
	4.	Indications that flood waters overtop bridge: NO (Yes/No) If YES, Answer: Occasionally, Frequently, or Unknown									
	5.	Debris characteristics:									
		a. debris/drift present No									
		b. debris/drift likely to accumulate No									
		c. dead trees upstream No dead trees downstream No									
IV.	Со	omments:									

SPECIAL INSPECTION DATA - FOR REASONS OTHER THAN FC OR SCOUR

- I. Does this bridge need a special inspection? NO
- II. Reason for special inspection:

Inspection Team's Summary Bridge Location No. 33 - I0075 - 0191 Inspection Date 7/19/2016 Bridge Rating FAIR

TYPE SERVICE: 175 NBL & SBL

OVER: SOUTH CHICKAMAUGA CREEK *

On Tuesday, July 19, 2016, a Region Two bridge inspection team inspected

this structure and found it to be in FAIR condition.

TOP OF DECK

Traffic Safety Features

Bridge Rail: SIGNIFICANT DAMAGE AT RIGHT SIDE **POOR** STANDARD Transitions: **FAIR** NONSTANDARD METAL BLOCKS Approach Rail: **FAIR** NONSTANDARD METAL BLOCKS Terminals: **FAIR** NONSTANDARD > 100' from bridge end

Wearing Surfaces

Approach Pvmt: POOR Approach 1 - Left/Right potholes

Deck - Wearing Surface: FAIR NUMEROUS NARROW CRACKS. SPALL.

BOTTOM OF DECK

Deck - Structural Condition: GOOD HL CRACKS W/ EFF.

SUPERSTRUCTURE

Beams: G-F HL CRACKS, DELAMS, REBAR SPALLS, PATCHES, COLLISION SPALLS.

Bearings: GOOD Abutments - None - Integral, Bents - Fixed

SUBSTRUCTURE

Abutments

Caps: GOOD

Breastwall: GOOD HL-NARROW CRACKS, DELAM, SPALL.

Wings: GOOD

Backwall GOOD HL CRACKS W/ EFF.

Bearing Surface: GOOD

Bents

Caps: GOOD HL-SM cracks
Columns: GOOD HL-SM cracks

Bearing Surface: GOOD

UNDERCLEARANCE

Min Vert Under Clear(ft-in): NA

SPECIAL NOTES

PAGE NO._____

BRIDGE LOCATION NO. 33 175 1.91 3.07 DATE: 03/04/98 COUNTY ROUTE LOG MILE LOG km

STATION/	TOP OF LT.	GUTTER/	CENTERLINE	GUTTER/	TOP OF RT.
LOCATION	CURB/RAIL	EDGE DECK	CHITHIUHIN	EDGE DECK	CURB/RAIL
LOCATION	CORD/ RAIL	HDGH DHCK		HDGH DHCK	COND/ NATE
	604.20				604 50
ABUT # 1	684.32				684.79
PIER # 1	684.40				684.41
PIER # 2	684.46				684.43
PIER # Z	004.40				001.13
PIER # 3	684.31				684.30
ABUT # 2	684.15				684.08
	001010				00100

BENCH SIDE.		LOCATION	PAINTED	SQUARE,	BRIDGE	SEAT,	ABUT.	#	2,	RT.
BENCH	MARK	ELEVATION								

NOTE: ELEVATIONS TAKEN FROM PREVIOUS REPORT.

RT. EDGE OF BRIDGE

PAGE NO.___

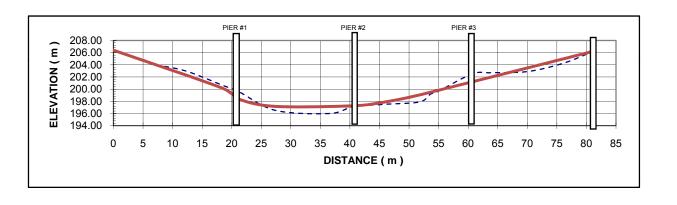
BRIDGE LOC. NO.:

33-175-1.91

DATE:07/17/2012 No change: 2012

OVER: SOUTH CHICKAMAUGA

(m)	LOCATION	ELEV.'98	EL.2008	DOWNSTREAM
ABUT #1	0.00	206.40	206.40	
	6.10	204.30		
	12.19	203.00		
	18.29	200.70	200.21	
PIER #1	21.34	199.50	198.31	
	27.43	196.50	197.16	
	36.58	196.00		
PIER #2	40.54	197.10	197.26	
	45.72	197.50	197.86	BENCH MARK = 209.18 m
	51.82	197.90	199.06	RIGHT CORNER OF BRIDGE SEAT, ABUT #1
	53.64	199.20		
	54.86	199.60		ELEVATION OF FOOTINGS BOTTOM
PIER #3	60.66	202.50		PIER #1 195.07 m
	64.01	202.70		PIER #2 195.07 m
	70.10	202.90		PIER #3 195.68 m
	76.20	204.30		
ABUT #2	81.08	206.20	206.20	



LEFT EDGE OF BRIDGE

PAGE NO.___

BRIDGE LOC. NO.:

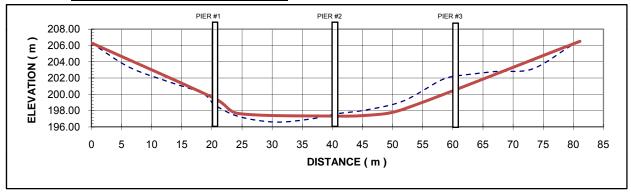
33-175-1.91

DATE:07/17/2012

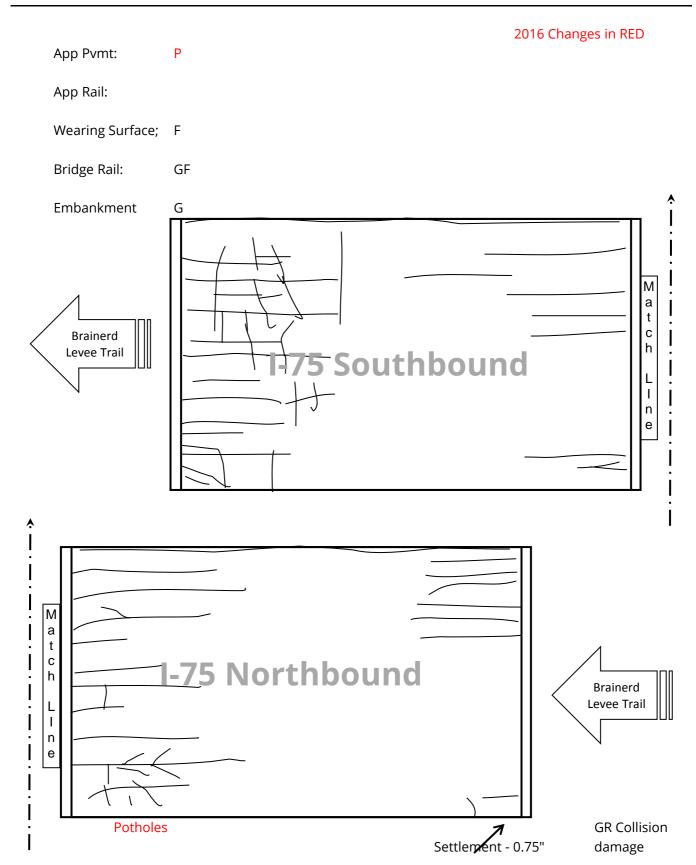
OVER: SOUTH CHICKAMAUGA CREEK

No Change: 2012

(m)	LOCATION	ELEV.'98	EL.2008	UPSTREAM
ABUT #1	0.00	206.30	206.30	
	6.10	203.40		
	12.19	201.70		
	18.29	200.20		
	19.81	199.20		
PIER #1	20.42	198.70	199.51	
	24.38	197.30	197.65	
	30.48	196.60		
	36.58	197.00		BENCH MARK = 209.18 m
PIER #2	40.54	197.60	197.33	RIGHT CORNER OF BRIDGE SEAT, ABUT #1
	45.72	198.10	197.43	
	51.82	199.20	198.18	ELEVATION OF FOOTINGS BOTTOM
	57.91	201.70		PIER #1 195.07 m
PIER #3	60.66	202.30		PIER #2 195.07 m
	60.96	202.30		PIER #3 195.68 m
	67.06	202.80		
	73.15	203.10		
	79.25	205.80		
ABUT #2	81.08	206.50	206.50	



Route: To Knoxville

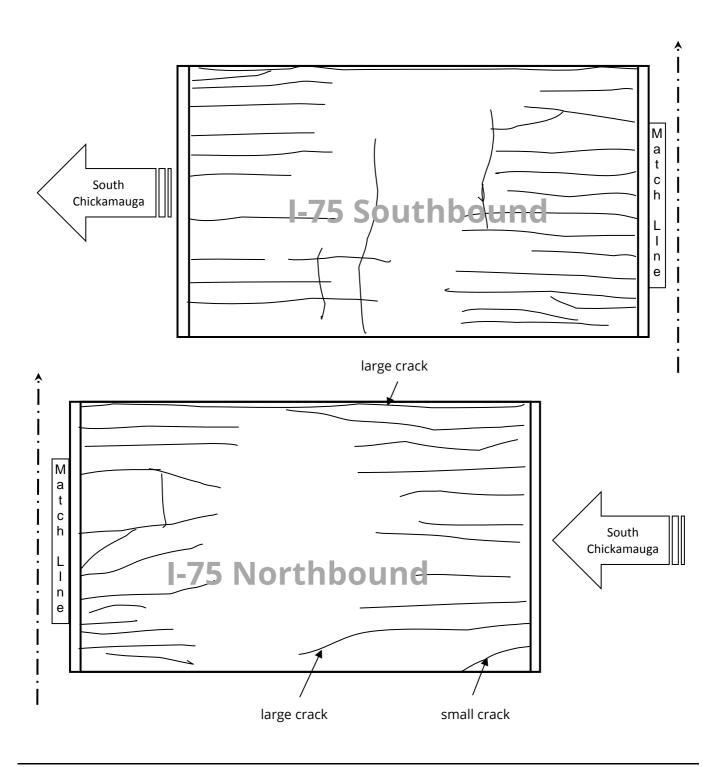


Top Deck 2

2016 Changes in RED

Wearing Surface: F

Bridge Rail: GF



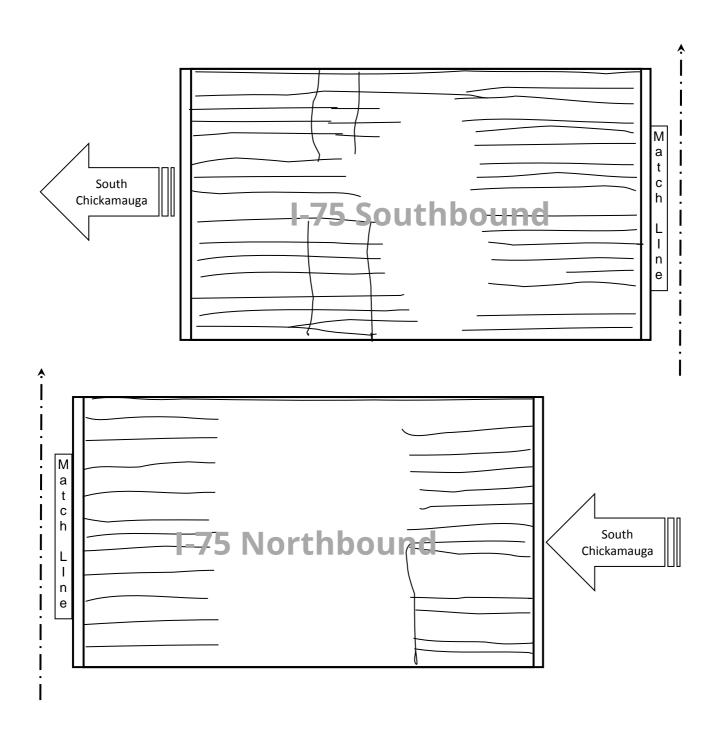
Top Deck 3

OVER: South Chickamauga Creek Flow: Rt - Lt on I-75

2016 Changes in RED

Wearing Surface: F

Bridge Rail: GF Misaligned



Top Deck 4

I-75 Top

2016 Changes in RED

OVER: South Chickamauga Creek

Flow: Rt - Lt on I-75

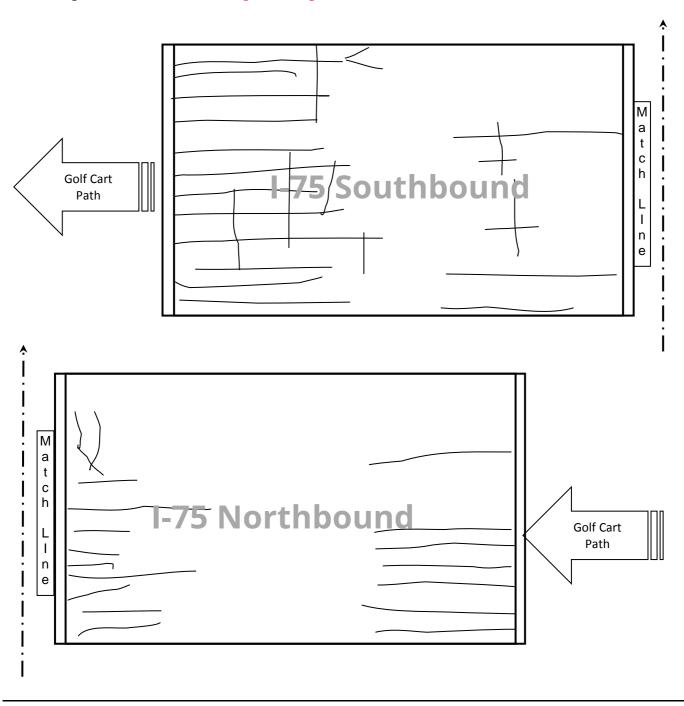
Embankment G

App Pvmt: GF

App Rail: Nonstandard - metal blocks

Wearing Surface; F

Bridge Rail: GF Damaged. Misaligned



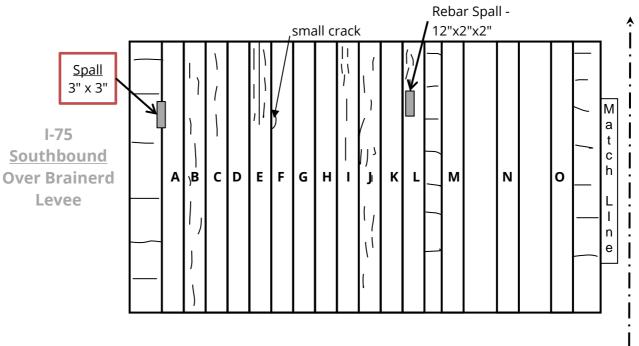
Route: To Knoxville

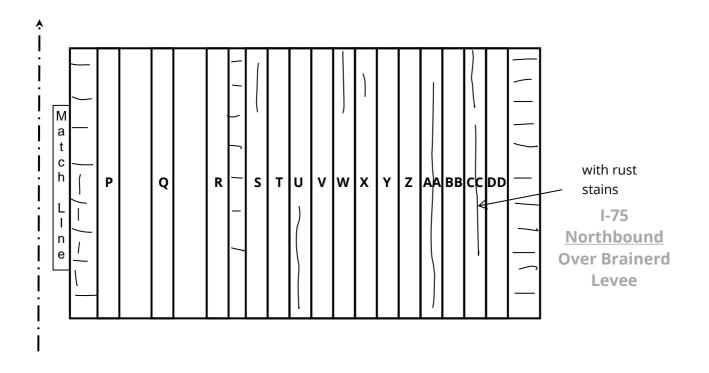
OVER: South Chickamauga Creek Flow: Rt - Lt on I-75

2016 Changes in RED

Beams: GF Several areas are patched

Deck: Small rebar popouts throughout GF



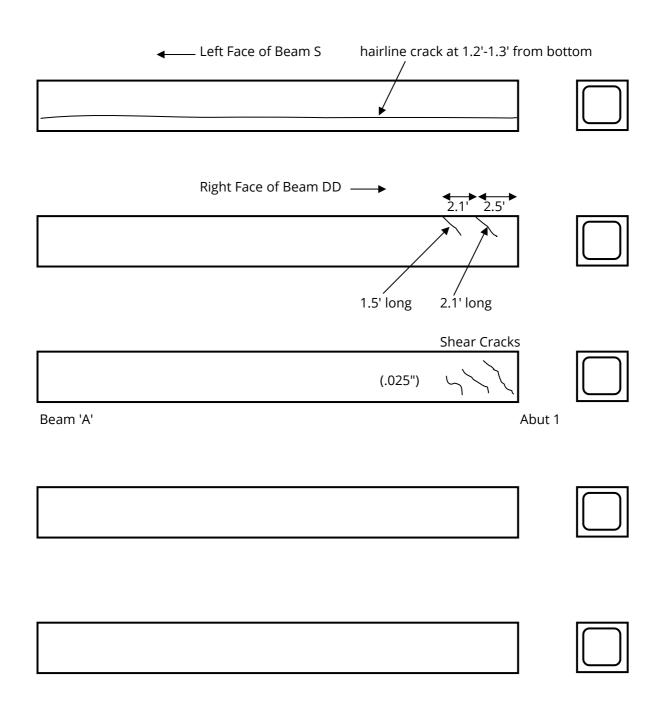


Route: To Knoxville

2016 Changes in RED

OVER: South Chickamauga Creek

Flow: Rt - Lt on I-75



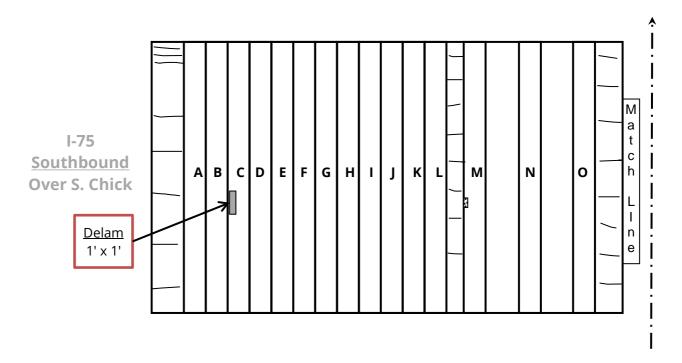
I-75

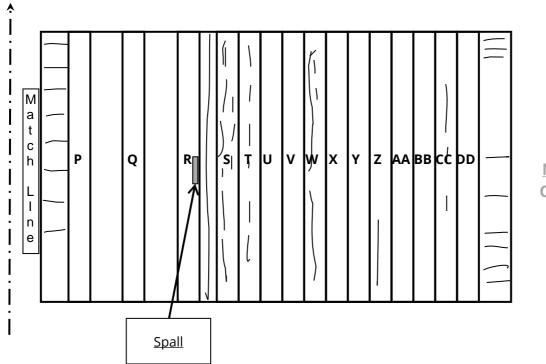
OVER: South Chickamauga Creek Route: To Knoxville Flow: Rt - Lt on I-75

2016 Changes in RED

Beams: GF

GF Deck:



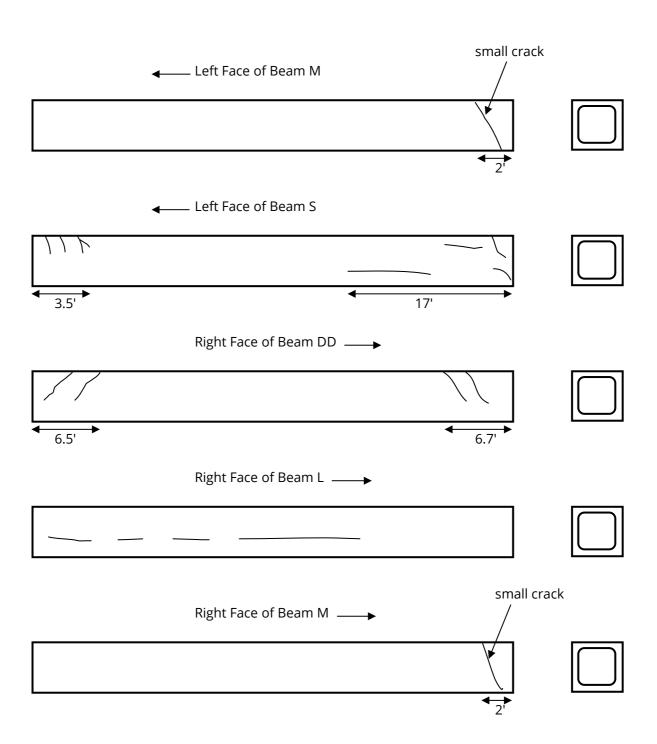


I-75 **Northbound** Over S. Chick

Route: To Knoxville

OVER: South Chickamauga Creek Flow: Rt - Lt on I-75

2016 Changes in RED

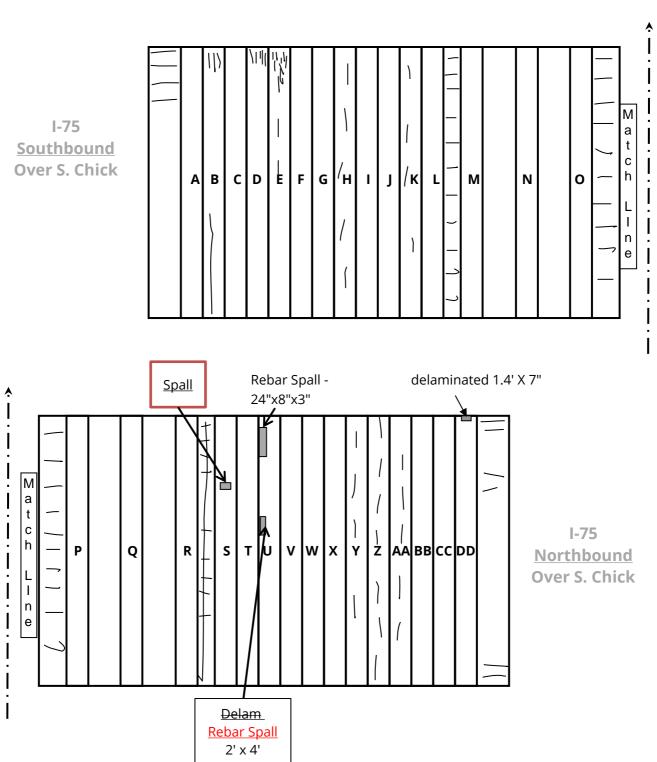


OVER: South Chickamauga Creek Flow: Rt - Lt on I-75

2016 Changes in RED

Beams: GF

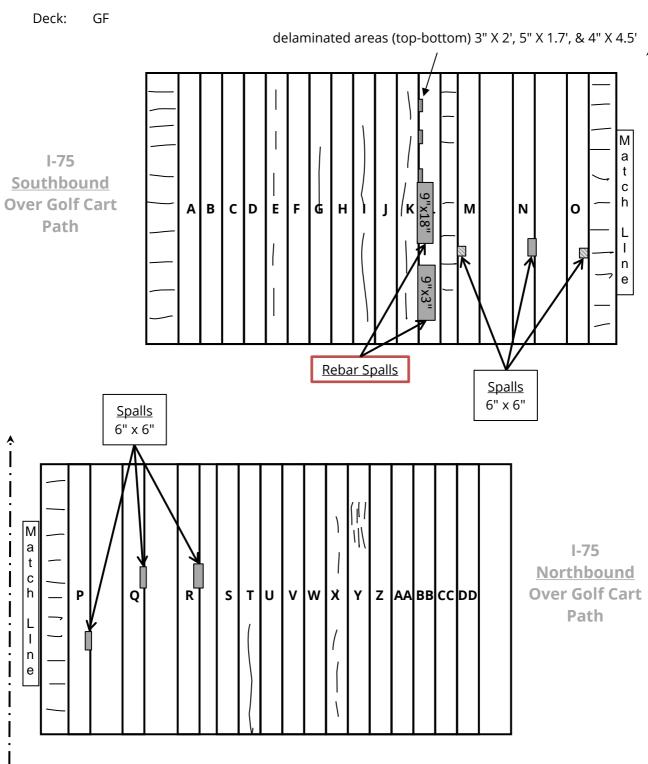
Deck: GF



OVER: South Chickamauga Creek Route: To Knoxville Flow: Rt - Lt on I-75

2016 Changes in RED

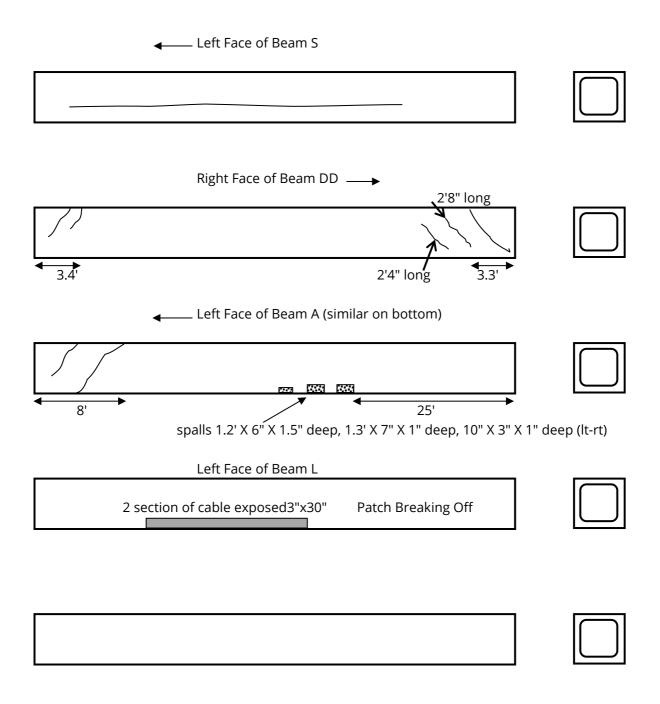
Beams: GF



Route: To Knoxville

OVER: South Chickamauga Creek Flow: Rt - Lt on I-75

2016 Changes in RED



Abutment 1

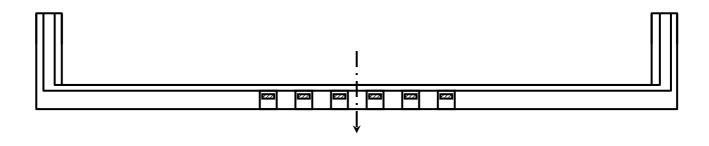
I-75 Route: To Knoxville OVER: South Chickamauga Creek Flow: Rt - Lt on I-75

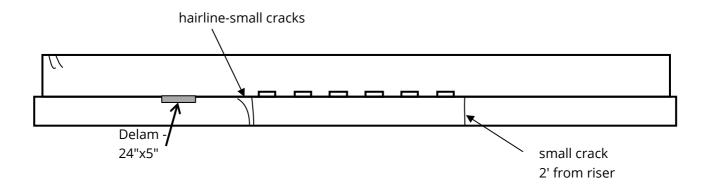
2016 Changes in RED

Wings: G

Walls: G

Bearings: None Integral





OVER: South Chickamauga Creek Flow: Rt - Lt on I-75

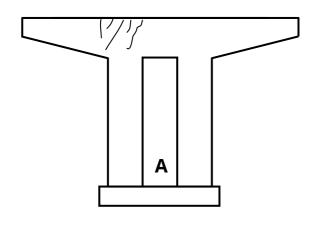
2016 Changes in RED

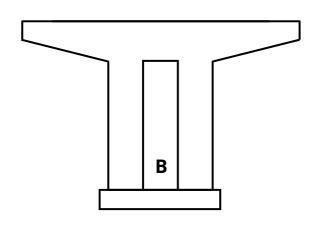
Columns: G

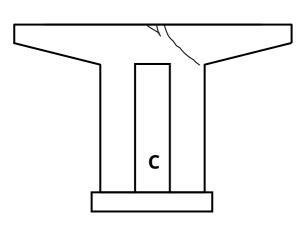
Cap: G

Bearings: G Fixed

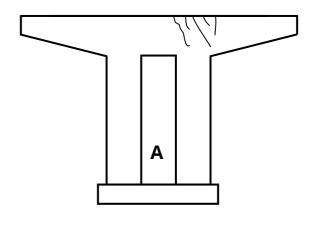
Looking Ahead

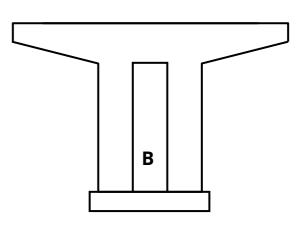


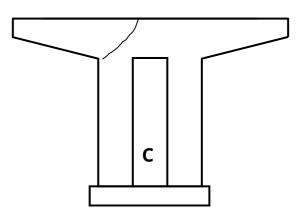




Looking Back







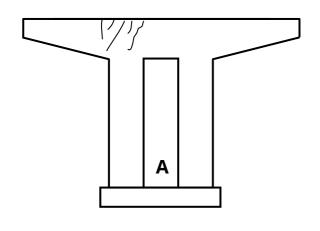
2016 Changes in RED

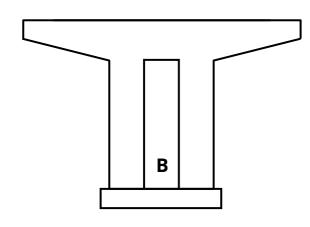
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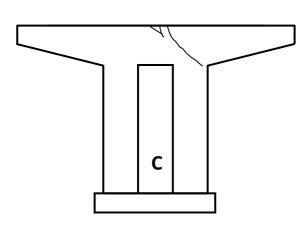
Cap: G

Bearings: G Fixed

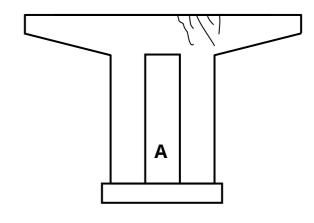
Looking Ahead

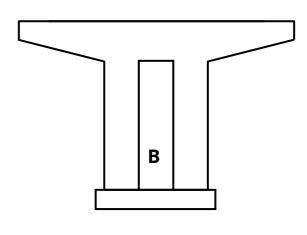


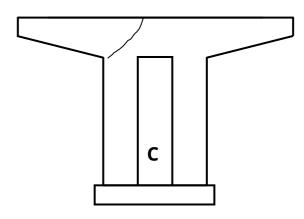




Looking Back







OVER: South Chickamauga Creek Flow: Rt - Lt on I-75

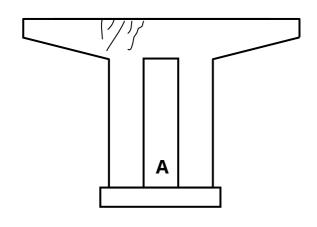
2016 Changes in RED

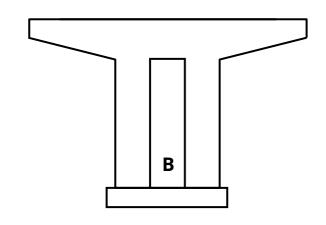
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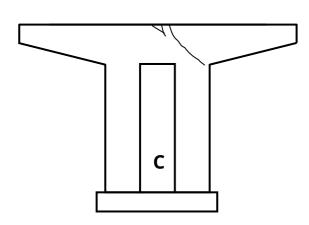
Cap: G

Bearings: G Fixed

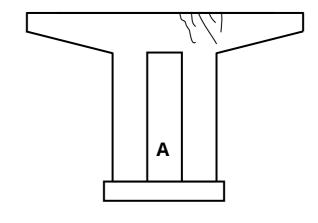
Looking Ahead

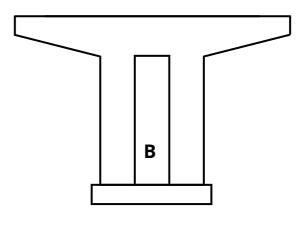


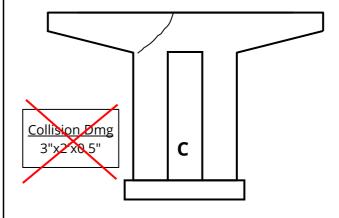




Looking Back







Abutment 2

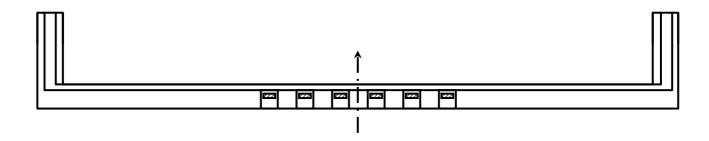
I-75 Route: To Knoxville OVER: South Chickamauga Creek Flow: Rt - Lt on I-75

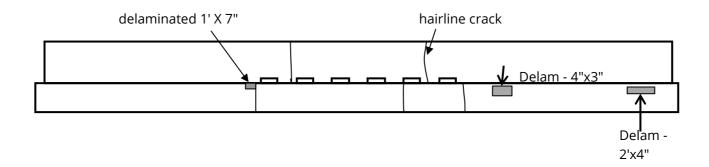
2016 Changes in RED

Wings: G

Walls: G

Bearings: None Integral





Structure Inventory and Appraisal Sheet (English Units)

ELEMENT CONDITION STATE DATA												
Str Unit Elm/Env Description				Total Qty	% in 1	Qty. St. 1	% in 2	Qty. St. 2	% in 3	Qty. St. 3	% in 4	Qty. St. 4
0	0 12/1 Re Concrete Deck		sq.ft	34,580	100%	34,580	0%	0	0%	0	0%	0
0	0 510/1 Wearing Surfaces		sq.ft	34,580	100%	34,580	0%	0	0%	0	0%	0
0	104/1	Pre Clsd Box Girder	ft	7,980	100%	7,980	0%	0	0%	0	0%	0
0	210/1	Re Conc Pier Wall	ft	135	100%	135	0%	0	0%	0	0%	0
0	215/1	Re Conc Abutment	ft	260	100%	260	0%	0	0%	0	0%	0
0	234/1	Re Conc Pier Cap	ft	390	100%	390	0%	0	0%	0	0%	0
0	302/1	Compressn Joint Seal	ft	260	100%	260	0%	0	0%	0	0%	0
0	313/1	Fixed Bearing	each	90	100%	90	0%	0	0%	0	0%	0
0	321/1	Re Conc Approach Slab	sq.ft	7,020	100%	7,020	0%	0	0%	0	0%	0
0	331/1	Re Conc Bridge Railing	ft	798	100%	798	0%	0	0%	0	0%	0