



Hamilton County

Regular Inspection Report

Location: 33-I0075-01.17-LEFT

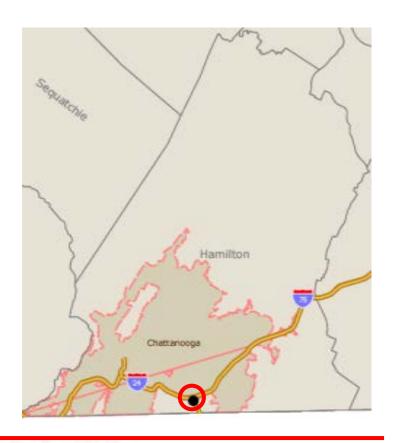
<u>Federal ID</u>: 33I00750010 <u>Maintenance Responsibility</u>:

State of Tennessee

<u>Description</u>:
3 Span Bridge
I-75 - Southbound
OVER
Big Spring Creek

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

FAIR



LOCATION MAP KEMP OR CAMERON LN Chattanooga I-75 Exit 3 E. Brainerd Rd BROWN RO I-75 Exit 2 Hamilton @ I-24 NORTH TER. PKWY 41 HILTON DR. Tennessee Georgia Walmart Supercenter Ensemble Theatre of Chattanooga ൗauga Creek Big Spring Creek Arena Camp Jordan 🕆 Direction of Waterway Flow Route Direction ON Structure Traffic Direction ON Structure

BRIDGE MAINTENANCE RECOMMENDATIONS

COUNTY: HAMILTON

LOCATION: 33-I0075-01.17-L

CO. SEQ.: 1 SPEC. CASE: 0

MILEPOST: 1.11

REPAIR LIST NO.: CROSSING: BIG SPRING CREEK DATE ADDED:

Tennessee Department of Transportation

07/25/2016

FED. BRIDGE NO.: 33100750010 REVISED:

MAINT. DIST.: 33

FACILITY CARRIED:			I75	NUMBER OF MAIN SPANS:	3
HIGHWAY SYSTEM:	02-INT	ERSTATE	URBAN	NUMBER OF APPROACH SPANS:	0
BRIDGE WIDTH (CURB TO CURB):		71 FT	10 IN	BRIDGE LENGTH (FT):	107
BRIDGE WIDTH (OUT TO OUT):	_	75 FT	1 IN	MAXIMUM SPAN LENGTH (FT):	36
APPROACH ROADWAY (W/SHOULDERS):	65 FT	11 IN	SKEW ANGLE (DEGREES):	73
	_	 -		·	
MAINTAINED BY:				STATE HIGHWAY AGENCY	
MAIN SPAN MATERIAL:				PRESTRESSED CONCRETE	
MAIN SPAN DESIGN TYPE:		BOX	BEAM (OR GIRDERS - MULTIPLE	
APPROACH SPAN MATERIAL:			OTI	HER OR NOT APPLICABLE	
APPROACH SPAN DESIGN TYPE:			OTI	HER OR NOT APPLICABLE	
					
INSPECTION DATE: 07/	19/2016		G	SENERAL CONDITION:	FAIR
EVALUATION DATE: 08/	11/2014	STRUCTURALLY DEFICIENT:			NO
PPRM PIN NUMBER:					_
H TRUCK RATING @ INV.: 20 TONS			S	SUFFICIENCY RATING:	91.9
					

SUGGE	ESTED RO	OUTINE M	AINTENAN	CE AND CO	MENTS	S			
SEAL	CRACKS	IN DECK	WEARING	SURFACE,	SPAN	NO.ALL			
REPAI	R BRID	GERAIL O	N RIGHT	SIDE APPRO	DACH 2	2			

GENERAL	COMMENTS:				
	_	_			

Bridge Condition Coding Form

Revised 07/25/2016

33

County:

DEPARTMENT OF TRANSPORTATION **Route:** I0075 Bridge Number: 331007500101 (Includes Item 5A) **Special Case:** 0 **Feature Intersected: BIG SPRING CREEK County Sequence:** 1 Log Mile: 1.17 **Evaluation Status:** CONDITION ITEM CHANGE

CODE ONLY THOSE VALUES WHICH HAVE CHANGED

ITEM#	DESCRIPTION	VALUE	
90	LAST INSPECTION DATE	07/19/2016	1
	EARLIEST DATE OF	05/20/2018	1
	NEXT REGULAR INSPECTION	/ /	_
10	MINIMUM V.C. OVER DECK (ROADWAY + SHOULDERS)	99 FT. 99 FT	
520	MINIMUM V.C. OVER DECK (EXCLUDES SHOULDERS)	99 FT. 99 FT	IN. IN.
36	TRAFFIC SAFETY FEATURES Br. Rail Trans. Appr. Rail Tel 1 1 1	rminal SPEED L N 55	IMI
41	STRC OPEN/CLOSED/POSTED A K P	A	
58	DECK	7	
59	SUPERSTRUCTURE	6	
60	SUBSTRUCTURE	7	
61	CHANL/CHANL PROTECTION	7	
62	CULVERT AND RETAIN WALL	N	
71	WATERWAY ADEQUACY	8	
72	APPROACH RDWY ALIGNMENT	8	
521	OVERALL CONDITION	FAIR	
16 I	LATITUDE 17 LONGITUD N 35° .0640' W 85° 12.6830		_
	EAM LEADER SIGNATURE	/ / REVIEW DAT	-

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#: 33I00750010 Date: 07/19/2016



BRIDGE # - SPAN 1 - RIGHT



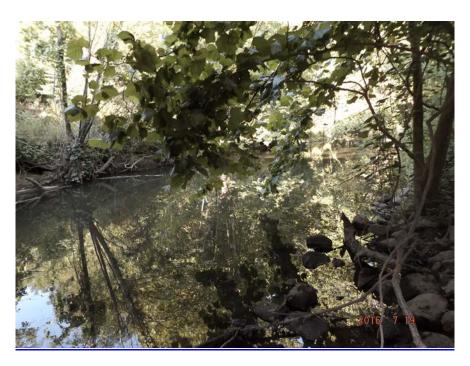
LOOKING AHEAD 175 - SB



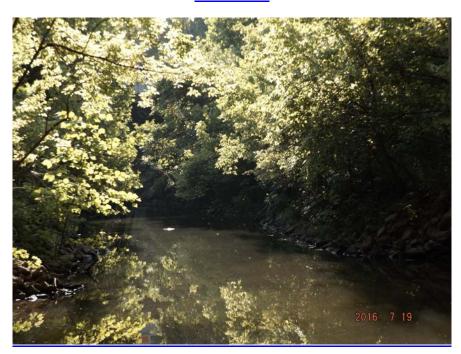
LOOKING BACK 175 - SB



LEFT SIDEVIEW - INLET



UPSTREAM



DOWNSTREAM



SUPER/SUB STRUCTURE



BEARINGS - ABUTMENT



BEARINGS - BENT



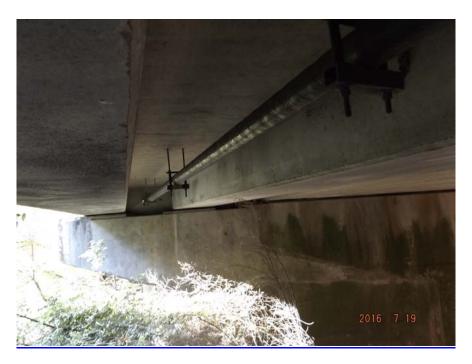
APPROACH 1



WEARING SURFACE



APPROACH 2



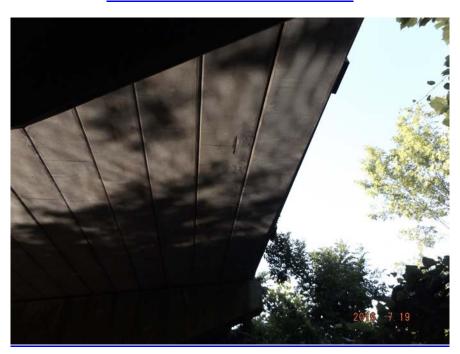
ATTACHED TDOT FIBER



APPROACH 2 - RIGHT - RAIL DAMAGE



APPROACH 2 - RIGHT - RAIL DAMAGE



SPAN 2 - BEAM B - REBAR SPALL



SPAN 2 - BEAM B - REBAR SPALL



SPAN 3 - BEAM F - REBAR SPALL



SPAN 3 - BEAM F - REBAR SPALL



SPAN 3 - BEAM J - REBAR SPALL



SPAN 3 - BEAM J - REBAR SPALL

BRIDGE INSP	ECTION REPORT	Page No				
Form BIR 3.0	Field Report No.	23 Date 7/19/2016				
(Rev. 9-22-98)	Previous Report No.	22 Date 7/7/2014				
DT-0069	Plans	: DESIGN				
Bridge No. 33I00750010	Bridge Location No					
Eleven Digit No.	DINIC CDEEK *	Co. Route Log Mile				
Facility Carried by Structure Over BIG SPR	Crossing	Structure Name (If Named)				
Year Constructed 1959 ACTUAL	County	Maintenance District 21				
Year Widened 1989 ACTUAL	Year Rehabilitated 1989	ACTUAL				
<u>FEATURES</u>		TEAM LEADER				
Wearing Surface CONCRETE	Depth 8.0 (in.)	Tave				
Flared Width YES Media	n Width NONE	Tays				
Navigational Control NO Bridge	Skew 73° LT	<u>INSPECTORS</u>				
Structure Type (Main Span) PCBB		Haas				
Structure Type (Appr.Spans) NA						
No. Main Spans 3 No. Approach	Spans 0					
Maximum Span Length 35.7 (**.* ft	t.)					
Total Length (**.* ft	t.)					
WIDTHS (*.* ft.)	CLEARANCES					
Deck Out-to-Out 74.5	Min. Vertical Clearance over	er Deck <u>99-99</u> (ftin.)				
Roadway Curb/Curb NA	Min. Vertical Under Clearance NA (ftin.)					
Roadway Rail/Rail 70.5.	Min. Lateral Under Clearance Rt. NA (*.* ft.)					
Sidewalk Rt. NA Lt. NA	Min. Lateral Under Clearan	ce Lt. <u>NA</u> (*.* ft.)				
*Approach Roadway 48.0 *(Does Not Include Shoulders)	FRACTURE CRITICAL: N	0				
Approach Shoulder Rt. 12.0	(If Yes, Include BIR 3.9)					
Lt. 10.0	NBIS Bridge Length (<25 ft	.) (ftin.)				
<u>UNDERWATER INSPECTION</u>						
To Be Performed By: DOT FIELD TEAM	Date					
Change in Structural Condition: NO N	Major Repairs Made: NO	BRIDGE is: OPEN				
COMMENTS:						

BRIDGE RATING:

FAIR

Supervising Bridge Inspector: Tays

Form BIR 3.1									F	age No
(Rev. 9-22-98)	В	ridge	e Location N	o. 33	- 10075	_	0117 L		Date	7/19/2016
DT-0080		Ū		Co.	Route		Log Mile	_		
PERFORMANCE	EVAL	JATI	<u>ION</u>							
Time of Day Ins	pected		AM	Weather	r Conditio	ons	Sunny 78	F		
Vehicles Observ	ed ALL	_ TY	PES							
LIVE LOAD BE	HAVIOF	₹								
Substructure		- Yes/N	10				Comments	5		
Horiz./ Ver	t. Defl.	NO								
Vibration		NO)							
Superstructure	Э									
Horiz./ Ver	t. Defl.	NO)							
Vibration		No	None detec	ted at this	inspection)				
APPROACH	Rating)					Comments	3		
Alignment	GOOI	0	No speed redu	ıction requ	uired					
Slab	NA									
Joints	NA									
Pavement	FAIR		SETTLED, CRACKS, POTHOLE, VOIDS, PATCHES		S					
Embankment	GOO	D								
Drains	NA		NONE	IONE						
TRAFFIC SAFET	TRAFFIC SAFETY FEATURES									
		Datin	Stand	iard/			Commonto			

	Rating	Standard/ SubStandard	Comments
Bridgerailing	F-P	STANDARD	SIGNIFICANT COLLISION DAMAGE TO RIGHT PARAPET
Transitions	GOOD	STANDARD	
Guardrail	GOOD	STANDARD	
Guardrail Terminal	N/A	STANDARD	>100 FEET

SIGNING	Yes/ No/ Needed	Weight Limit Posted _	NO
Paddleboards	NO	Gross	Tons
Vertical Clearance (<14'-6")	NO	2 Axle	Tons
Narrow Bridge Signs	NO	3 or more Axles	Tons
One Lane Bridge Signs	NO		

Other Signs or Plaques:

Comments Regarding any Problems with Signing:

Form BIR 3.2 (Rev. 9-22-98) Bridge Location No. 33 - 10075 -0117 L Date 7/19/2016 DT-0081 Co. Route Log Mile Rating Comments **DECK** NUMEROUS NARROW CRACKS, FEW GOUGES. PATCHES AT BRIDGE ENDS. Wearing Surface **FAIR** HL CRACKS W/ EFF. **FAIR** Deck - Structural Condition Curbs NA Median NONE Sidewalks NONE **Parapet** N/A N/A Railing **Paint** NA GOOD **Drains** Lighting Standards **NONE** Utilities NONE Joint Leakage NA **Expansion Joints** NONE **SUPERSTRUCTURE** Abutments - N/A - Integral, Bents - Fixed **Bearing Devices** GOOD HL CRACKS, DELAMS, REBAR SPALL, PATCHES Girders or Beams G-F Floor Beams NA NA Stringers Diaphragms **GOOD Bracing** NA Trusses - General NA Portals NA Bracing NA **Paint** NA Alignment of GOOD

TEXTURE COAT

Members

Condition Rating	FAIR	Needs Spot Painting	NO
Overall Appearance	FAIR	Needs Repainting	NO
Staining Rating	FAIR	Comments	
Fading Rating	FAIR	Comments	
Scaling Rating	GOOD		

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

Bridge Location No.	33 -	10075	- 0117 L
	Co.	Route	Log Mile

Page No.____ Date _7/19/2016

SUBSTRUCTURE

Piles To Be Replaced:

ABUTMENTS	Rating	Comments
Caps	G-F	
Breastwall	G-F	HL-NARROW CRACKS. DELAMS
Wings	GOOD	
Backwall	GOOD	
Plumb	GOOD	
Footing	NA	
Piles	GOOD	MODERATE CORROSION
Embankment	GOOD	SETTLED
Bearing Surface	GOOD	
Slope Paving	NA	
Rip Rap	GOOD	
<u>PIERS</u>		
Caps	N/A	
Columns	N/A	
Plumb	N/A	
Footings	N/A	
Piles	N/A	
Bearing Surface	N/A	
BENTS		•
Caps	GOOD	HL cracks
Сиро	0000	
Columns	GOOD	HL cracks
Plumb	GOOD	
Footings	NV	
Piles	NV	
Bearing Surface	GOOD	
Piles Need Replace	ement:	

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

Bridge Location No. 33 - 10075 - 0117 L

Co. Route Log Mile

Date 7/19/2016

STREAM CHANNEL DATA AND CONDITIONS

		Stream Crossing: BIG SPRING CREEK								
l.	1.	Type of bed material? MUD, SEDIMENT								
	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)								
	5.	Channel altered or straightened: NO (Yes/ No/ Unknown)								
	6.	Stable conditions: a. live growth YES b. bedrock Yes 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								
	_	c. roadway approach >= 2 ft. above natural ground line YES								
	2.	Abutment encroaches into channel								
	3.	Large scour (blowhole) under bridge								
	4.	. Indications that flood waters overtop bridge: <u>NO</u> (Yes/No) If YES, Answer: Occasionally, Frequently, or Unknown								
	5.	5. Debris characteristics:								
		a. debris/drift present No								
		b. debris/drift likely to accumulate No								
11.7	0	c. dead trees upstream No dead trees downstream No								
IV.	C0	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 - 10075 - 0117 L Inspection Date 7/19/2016 Bridge Rating FAIR

TYPE SERVICE: 175 SBL

OVER: BIG SPRING 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: F-P STANDARD SIGNIFICANT COLLISION DAMAGE TO RIGHT PARAPET

Transitions: GOOD STANDARD Approach Rail: GOOD STANDARD

Terminals: N/A STANDARD >100 FEET

Wearing Surfaces

Approach Pvmt: FAIR SETTLED, CRACKS, POTHOLE, VOIDS, PATCHES

Deck - Wearing Surface: FAIR NUMEROUS NARROW CRACKS, FEW GOUGES. PATCHES AT BRIDGE ENDS.

BOTTOM OF DECK

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

SUPERSTRUCTURE

Beams: G-F HL CRACKS, DELAMS, REBAR SPALL, PATCHES

Bearings: GOOD Abutments - N/A - Integral, Bents - Fixed

SUBSTRUCTURE

Abutments

Caps: G-F

Breastwall: G-F HL-NARROW CRACKS. DELAMS

Wings: GOOD
Backwall GOOD
Bearing Surface: GOOD

Bents

Caps: GOOD HL cracks
Columns: GOOD HL cracks

Bearing Surface: GOOD

UNDERCLEARANCE

Min Vert Under Clear(ft-in): NA

SPECIAL NOTES

Item 58 - 5 to 7 - Some minor issues - Cracks

Item 60 - 6 to 7 - Some minor issues - Crack

Item 72 - 6 to 8 - No reduction in speed required due to structure

ELEVATIONS OF DECK PAGE NO._____

	T === == ==		T		T === ==
STATION/	TOP OF LT.	GUTTER/	CENTERLINE	GUTTER/	TOP OF RT.
LOCATION	CURB/RAIL	EDGE DECK		EDGE DECK	CURB/RAIL
!! 4	000 01	005 51		207 20	000 01
ABUT # 1	208.31	207.51		207.38	208.81
BENT # 1	208.31	207.48		207.99	208.82
DENI # I	200.31	207.40		207.99	200.02
BENT # 2	208.32	207.48		207.98	208.82
DENI # Z	200.32	207.40		207.90	200.02
ABUT # 2	208.29	207.48		208.00	208.81

BENCH	MARK	LOCATION	BRIDGE	SEAT,	ABUT.	#	2,	RT.	SIDE.	(NBL))

BENCH MARK ELEVATION 678.32 ft - 206.75 m_

NOTE: ELEVATIONS TAKEN FROM PREVIOUS REPORT.

RT. EDGE OF BRIDGE

PAGE NO.___

DATE: 07/26/2012

BRIDGE LOC. NO.:

33-I75-1.17 LT

DOWNSTREAM

CROSSING: BIG SPRING CREEK

 $NO\ CHANGE\ 2010,$

2012

(m)	LOCATION	ELEV '98
ABUT #1	1.20	206.42
	3.00	206.12
	6.00	204.02
	9.00	202.22
PIER #1	11.00	201.07
	12.00	200.57
EDG WTR	13.00	200.12
	15.00	199.70
	18.00	199.53
EDG WTR	21.00	200.16
PIER #2	22.00	200.77
	24.00	202.51
	27.00	204.58
	30.00	206.11
ABUT #2	32.00	206.66
		•

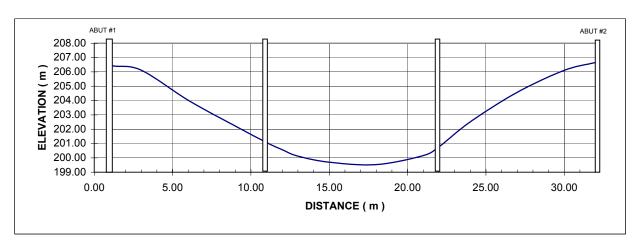
BOTTOM FOOTING ELEVATIONS

ABUT #1 197.21 m ABUT #2 196.75 m

BENCH MARK ELEVATION 206.75 m

LOCATION: TOP OF PARAPET, BRIDGE SEAT, ABUT #2

BOTTOM VISIBLE



LEFT EDGE OF BRIDGE

PAGE NO.

BRIDGE LOC. NO.:

33-I75-1.17 LT

DATE: 07/26/2012

(m)	LOCATION	ELEV.'98
ABUT. #1	1.20	206.21
	3.00	205.39
	6.00	203.58
	9.00	201.56
P1 EW	11.00	200.29
	12.00	199.82
	15.00	199.65
	18.00	199.94
EDG WTR	21.00	200.29
PIER #2	22.00	200.47
	24.00	201.55
	27.00	202.93
	30.00	204.94

32.00

205.78

ABUT. #2

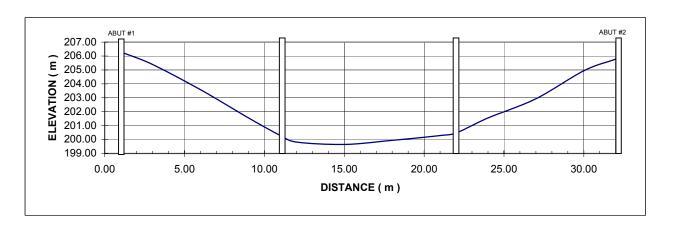
UPSTREAM CROSSING: BIG SPRING CREEK NO CHANGE 2010, 2012

BOTTOM FOOTING ELEVATIONS ABUT #1 197.21 m

ABUT #2 196.75 m

BENCH MARK ELEVATION 206.75 m LOCATION: TOP OF PARAPET, BRIDGE SEAT, ABUT #2

BOTTOM VISIBLE



I-75 Southbound Top Deck 1 OVER: Big Spring Creek Route: To Knoxville Flow: Lt-Rt on I-75

2016 Changes in RED

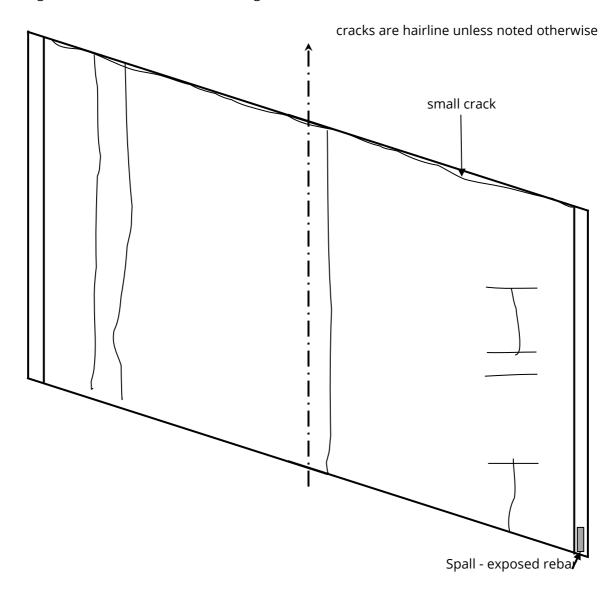
Embankment G

App Pvmt: F

App Rail: G Standard

Wearing Surface: F

Bridge Rail: F Collision damage -RT



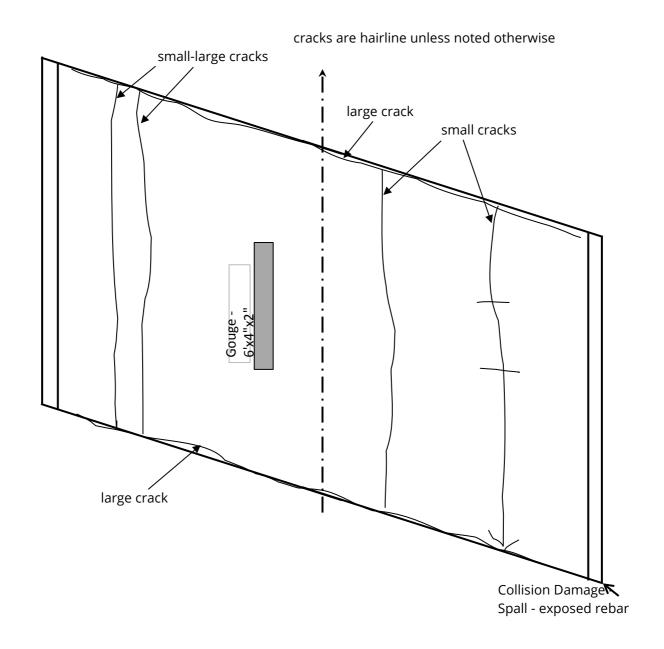
3 Span Bridge

I-75 Southbound Top Deck 2 OVER: Big Spring Creek Route: To Knoxville Flow: Lt-Rt on I-75

2016 Changes in RED

Wearings Surface: F

Bridge Rail: F Collision damage - RT



I-75 Southbound Top Deck 3

Route: To Knoxville

OVER: Big Spring Creek
Flow: Lt-Rt on I-75

2016 Changes in RED

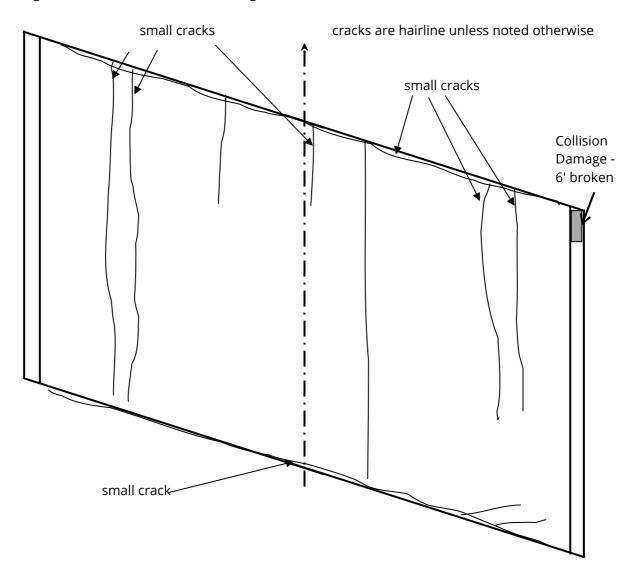
Embankment: G

App Pvmt: F Settled

App Rail: G

Wearing Surface: F

Bridge Rail: F Collision damage - RT



I-75 Southbound
Route: To Knoxville

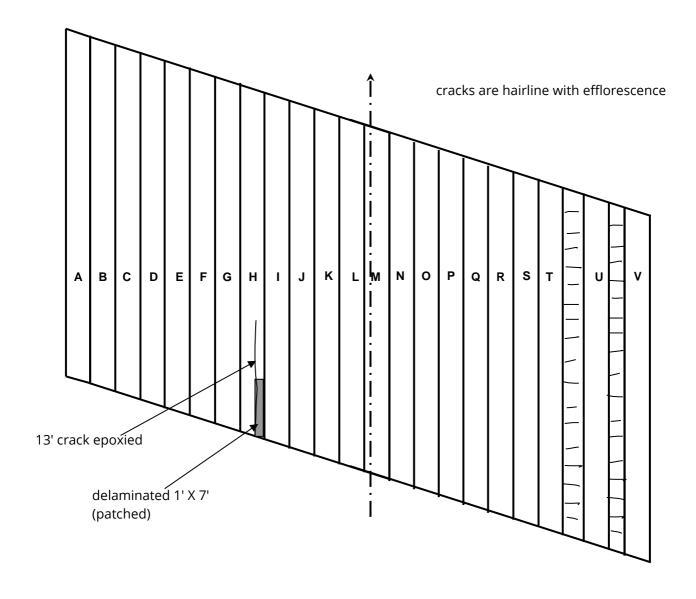
Bottom Deck 1

OVER: Big Spring Creek
Flow: Lt-Rt on I-75

2016 Changes in RED

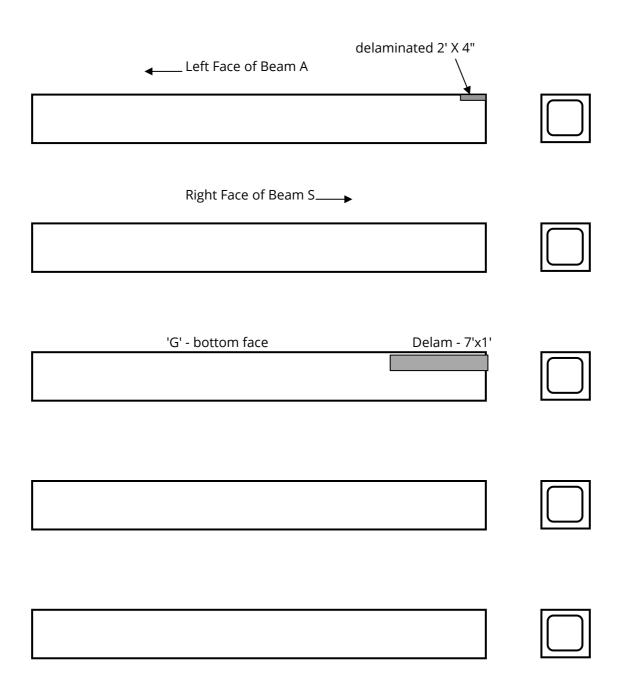
Beams: GF

Deck: GF



OVER: Big Spring Creek Flow: Lt-Rt on I-75

2016 Changes in RED



I-75 Southbound

Route: To Knoxville

Bottom Deck 2

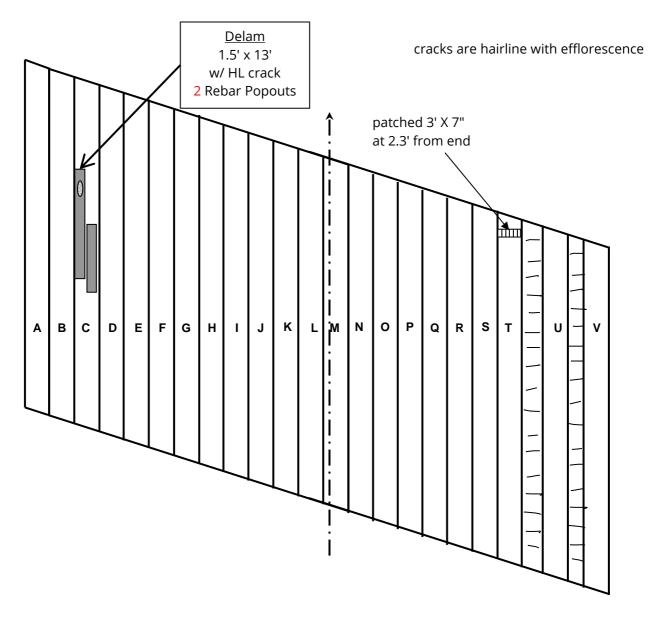
Flow: Lt-Rt on I-75

2016 Changes in RED

Beams: GF

Deck: GF

Utilities: G Between T and U



I-75 Southbound Bottom Deck 3

Route: To Knoxville

Bottom Deck 3

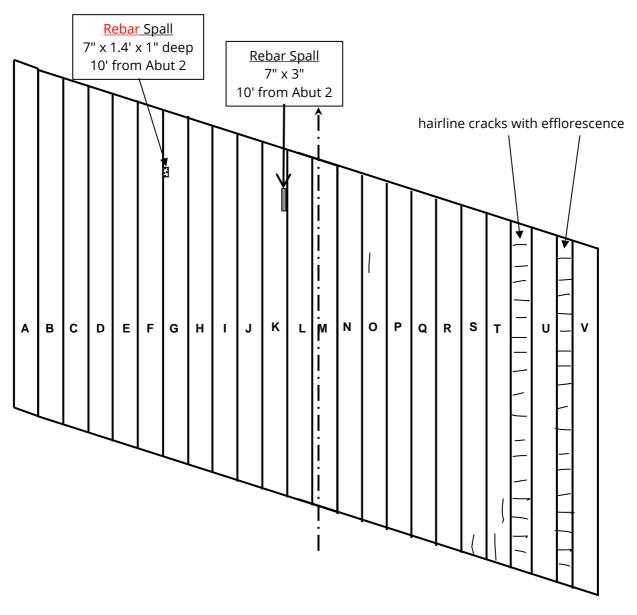
Flow: Lt-Rt on I-75

2016 Changes in RED

Beams: GF

Deck: GF

Utilities: G



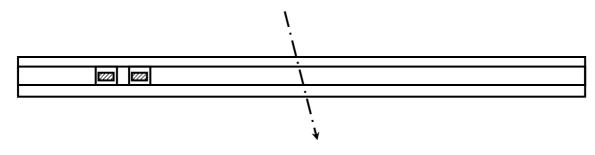
I-75 Southbound Abutment 1 OVER: Big Spring Creek
Route: To Knoxville Flow: Lt-Rt on I-75

2016 Changes in RED

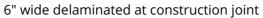
Wings: G

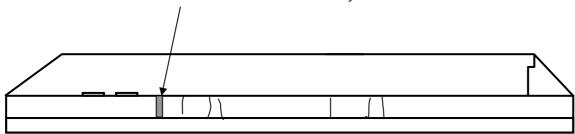
Walls: G

Bearings: None Itegral



cracks are hairline





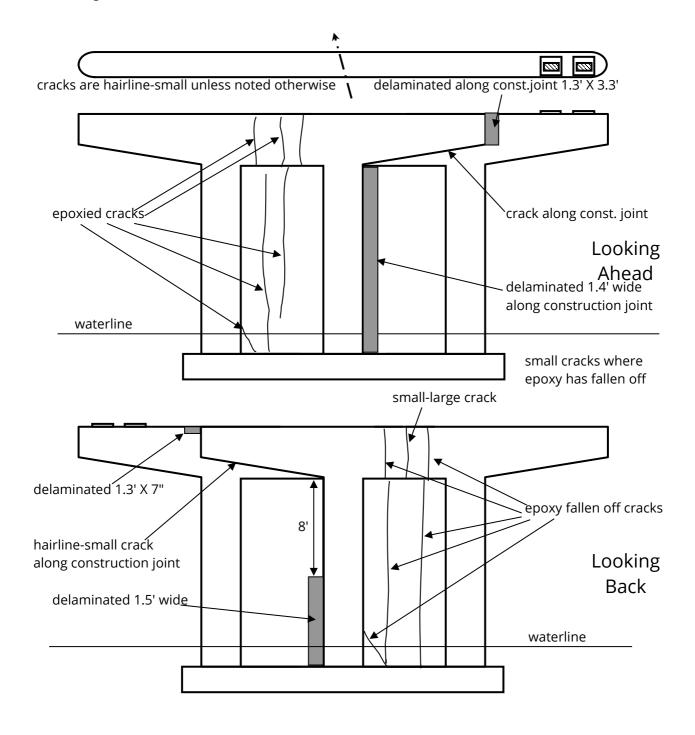
3 Span Bridge

2016 Changes in RED

Pier Wall: G

Cap: G

Bearings: G Fixed



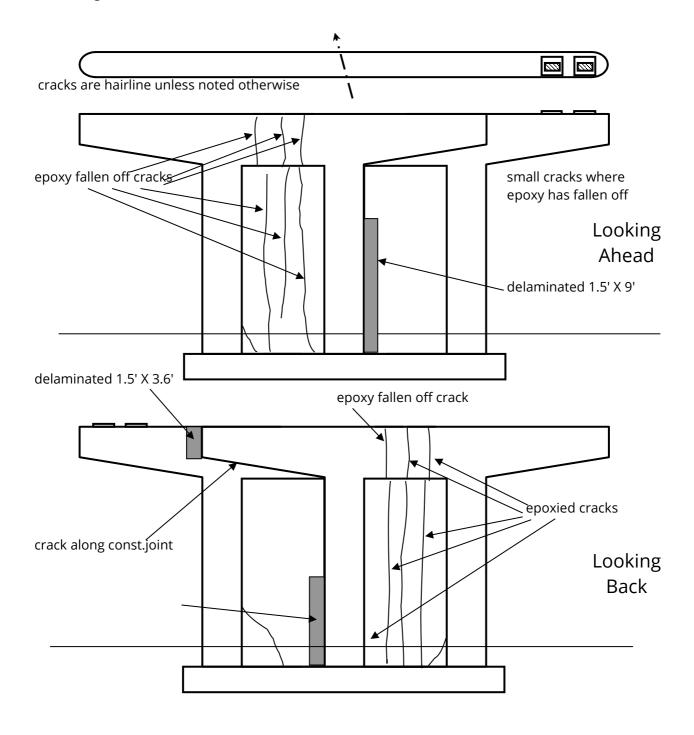
Bent 1 Inspection Date: 07/19/2016
Traffic: **Southbound** 3 Span Bridge

2016 Changes in RED

Pier Wall G

Cap: G

Bearings: G Fixed



Bent 2 Inspection Date: 07/19/2016
Traffic: **Southbound** 3 Span Bridge

I-75 Southbound Abutment 2 OVER: Big Spring Creek Route: To Knoxville Flow: Lt-Rt on I-75

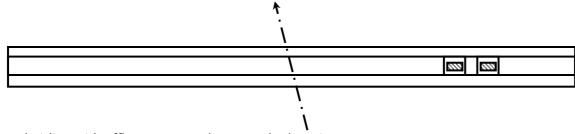
2016 Changes in RED

Wings: G

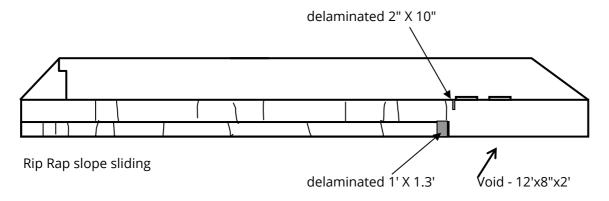
Walls: G

Bearings: None Integral

Slope: F Sliding, steep



cracks are hairline with efflorescence unless noted otherwise



This void has been filled with concrete and rip rap, but is still settling and some parts opened back up

Structure Inventory and Appraisal Sheet (English Units)

ELE	EMEN	IT CONDI	TION STATE DATA										
Str	Unit	Elm/Env	Description	Units	Total Qty	% in 1	Qty. St. 1	% in 2	Qty. St. 2	% in 3	Qty. St. 3	% in 4	Qty. St. 4
	0	12/1	Re Concrete Deck	sq.ft	8,132	100%	8,132	0%	0	0%	0	0%	0
	0	510/1	Wearing Surfaces	sq.ft	7,704	100%	7,704	0%	0	0%	0	0%	0
	0	104/1	Pre Clsd Box Girder	ft	2,354	100%	2,354	0%	0	0%	0	0%	0
	0	210/1	Re Conc Pier Wall	ft	82	100%	82	0%	0	0%	0	0%	0
	0	215/1	Re Conc Abutment	ft	178	100%	178	0%	0	0%	0	0%	0
	0	313/1	Fixed Bearing	each	44	100%	44	0%	0	0%	0	0%	0
	0	331/1	Re Conc Bridge Railing	ft	214	100%	214	0%	0	0%	0	0%	0