



Hamilton County

Regular Inspection Report

<u>Location</u>: 33-l0075-01.29 <u>Federal ID</u>: 33l00750013

Closeout Agency:

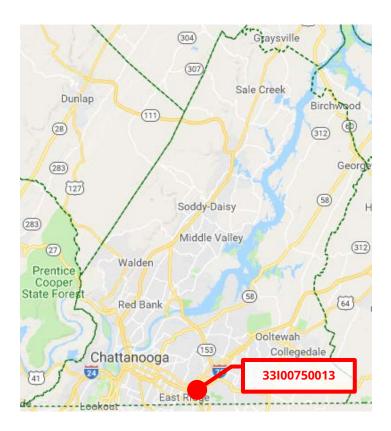
TDOT

Description:

3 Span Bridge I-75 Southbound Ramp OVER I-75 NB TO I-24 WB

<u>Inspection Date</u>: July 19, 2018 <u>Overall Condition Rating</u>:

FAIR



LOCATION MAP



BRIDGE MAINTENANCE RECOMMENDATIONS

COUNTY: HAMILTON

LOCATION: 33-I0075-01.29-

CO. SEQ.: 1 SPEC. CASE: 0

MILEPOST: 1.23

CROSSING: 175 NB TO 124 WB FED. BRIDGE NO.: 33100750013

MAINT. DIST.: 33



07/19/2018

REPAIR LIST NO.:

REVISED:

DATE ADDED: 08/24/2016

I-75 SBL NUMBER OF MAIN SPANS: FACILITY CARRIED: 02-INTERSTATE URBAN NUMBER OF APPROACH SPANS: 0 HIGHWAY SYSTEM: BRIDGE WIDTH (CURB TO CURB): __29 FT _ 10 IN BRIDGE LENGTH (FT): 148 BRIDGE WIDTH (OUT TO OUT): 36 FT 5 IN MAXIMUM SPAN LENGTH (FT): 51 41 FT 11 IN SKEW ANGLE (DEGREES): APPROACH ROADWAY (W/SHOULDERS): MAINTAINED BY: STATE HIGHWAY AGENCY MAIN SPAN MATERIAL: PRESTRESSED CONCRETE BOX BEAM OR GIRDERS - MULTIPLE MAIN SPAN DESIGN TYPE: APPROACH SPAN MATERIAL: OTHER OR NOT APPLICABLE APPROACH SPAN DESIGN TYPE: OTHER OR NOT APPLICABLE INSPECTION DATE: 07/19/2018 GENERAL CONDITION: FAIR 08/24/2016 EVALUATION DATE: STRUCTURALLY DEFICIENT: NO PPRM PIN NUMBER: H TRUCK RATING @ INV.: 20 TONS SUFFICIENCY RATING: 74.7

No.	RECOMMENDATIONS	REPAIR DATE	REPAIRED BY
1.	Remove Loose Concrete Filler Beneath Beams.		
2.	Remove Tree Growing On Bent Cap - Bent 2 - Right Side.		

GENERAL COMMENTS:

TREES GROWING ON TOP OF BENT CAPS IS INCREASING THE SIZE OF CONCRETE CRACKS.



Bridge Number:

(Includes Item 5A)

Feature Intersected:

Evaluation Status:

Bridge Condition Coding Form

D	0 = 10 0 10 0 1 0
Revised	07/23/2018

County: 33 10075 **Route: Special Case:** $\mathbf{0}$ **County Sequence:** 1 Log Mile: 1.29

331007500131

175 NB TO 124 WB

OTHER ITEM(S) HAVE BEEN CHANGED

CODE	ONLY THOSE VALUES W	HICH HAVE CHAP	NGED
TEM#	DESCRIPTION	VALUE	CONDITION CODING GUIDELINES
90	LAST INSPECTION DATE	07/19/2018	(Values for Coding Items 58, 59, 60 and 62)
	EARLIEST DATE OF	05/19/2020	
	NEXT REGULAR INSPECTION	03/17/2020	N NOT APPLICABLE
	REGULAR INSPECTION		9 EXCELLENT CONDITION
10	MINIMUM V.C. OVER	99 FT. 99 IN.	8 VERY GOOD CONDITION - NO
	DECK (ROADWAY + SHOULDERS) —	FT IN.	PROBLEMS NOTED.
530	MINIMUM V.C. OVER DECK	99 FT. 99 IN.	7 GOOD CONDITION - SOME MINOR PROBLEMS.
520	(EXCLUDES SHOULDERS)	FT. IN.	6 SATISFACTORY CONDITION - MINOR
	_	<u> </u>	DETERIORATION OF STRUCTURAL
36	TRAFFIC SAFETY FEATURES		ELEMENTS.
	Br. Rail Trans. Appr. Rail Te	erminal SPEED LIMIT 1 55	5 FAIR CONDITION - ALL PRIMARY STRUCTURAL ELEMENTS ARE SOUND BUT
	1 1 1	1 55	MAY HAVE MINOR SECTION LOSS,
			CRACKING, SPALLING OR SCOUR.
41	STRC OPEN/CLOSED/POSTED	A	4 POOR CONDITION - ADVANCED SECTION
	A K P		LOSS, DETERIORATION, SPALLING OR
58	DECK	6	SCOUR.
			3 SERIOUS CONDITION - LOSS OF SECTION, DETERIORATION, SPALLING OR SCOUR HAVE
59	SUPERSTRUCTURE	6	SERIOUSLY AFFECTED PRIMARY
			STRUCTURAL COMPONENTS. LOCAL FAILURES ARE POSSIBLE. FATIGUE CRACKS
60	SUBSTRUCTURE	7	IN STEEL OR SHEAR CRACKS IN CONCRETE
00	SCESTROOTORE		MAY BE PRESENT.
61	CHANL/CHANL PROTECTION	N	2 CRITICAL CONDITION - ADVANCED
01	CHAILE FROTE CHOIC	1,	DETERIORATION OF PRIMARY STRUCTURAL
			ELEMENTS. FATIGUE CRACKS IN STEEL OR
62	CULVERT AND RETAIN WALL	N	SHEAR CRACKS IN CONCRETE MAY BE PRESENT OR SCOUR MAY HAVE REMOVED
			SUBSTRUCTURE SUPPORT. UNLESS
71	WATERWAY ADEQUACY	N	CLOSELY MONITORED IT MAY BE
			NECESSARY TO CLOSE THE BRIDGE UNTIL CORRECTIVE ACTION IS TAKEN.
72	APPROACH RDWY ALIGNMENT	6	CORRECTIVE ACTION IS TAKEN.
			1 "IMMINENT" FAILURE CONDITION - MAJOR
501	OVERALL CONDITION	EAID	DETERIORATION OR SECTION LOSS PRESENT IN CRITICAL STRUCTURAL
521	OVERALL CONDITION	FAIR	COMPONENTS OR OBVIOUS VERTICAL OR
			HORIZONTAL MOVEMENT AFFECTING
16	LATITUDE 17 LONGUEUR	NE	STRUCTURAL STABILITY. BRIDGE IS CLOSED TO TRAFFIC BUT CORRECTIVE
	LATITUDE 17 LONGITUI N 35° .1750′ W 85° 12.7250		ACTION MAY PUT IT BACK IN LIGHT SERVICE
<u> </u>	11 00 11/100 11 00 12/1200	, 	
Cham	Dan 07/31/2018	_	0 FAILED CONDITION - OUT OF SERVICE AND BEYOND CORRECTIVE ACTION.
INCOM!	leuc / I	1 1	DETOND CONNECTIVE ACTION.

Bridge ID#: 33I00750013 Date: 07/19/2018



BRIDGE NUMBER - SPAN 1 - BEAM K



TOP OF DECK - AHEAD - SOUTHBOUND



TOP OF DECK - BACK - SOUTHBOUND



SIDEVIEW - RIGHT - AHEAD ON I-75 - NORTH



SIDEVIEW - LEFT - BACK ON I-75 - NORTH



SUPER/SUB STRUCTURE - BENT



APPROACH 1



TRAFFIC SAFETY FEATURES



APPROACH 2



CLEARANCE - AHEAD - I-75 NORTHBOUND



VEGETATION - BENT 2 - RIGHT



<u>UNDERCUTTING - 8' ROD TO RESISTANCE – ABUTMENT 2</u>



<u>UNDERCUTTING - 4' ROD - TO RESISTANCE – ABUTMENT 2</u>

BRIDGE INSPECTION REPORT

Form BIR 3.0	TDOT	Field Report No. 24 Date 7/19/2018					
(Rev. 9-22-98) Closeout Agency			Previous Report No. 23 Date 7/			7/12/2016	
DT-0069		Plans: DE			N		
Bridge No. 3310075		Bridge Locat	tion No.	33 -	10075	- 0129	
Eleven Dig	git No.			(Co.	Route	Log Mile
10075 - I 75 RA		over		I-75 to I-2			
Facility Carried or				Crossi	_		
	1959 - ACTUAL					ance Dis	trict: <u>29</u>
Year Widened	NA - NA		Year Rehabilitated	<u>NA -</u>	NA	_	
<u>FEATURES</u>					ı	TEAN	И LEADER
Wearing Surface AS	PHALT		Depth 4.0 in				. Tays
☐ Flared Width		Media	n Width NONE ft				-
☐ Navigation Control			ge Skew 44° - LT				<u>PECTORS</u> Spencer
_	Prestressed / Post-ter	nsioned	Box Beam / Girders - M	— Iultiple			Watkins
Structure Type (Appr.)		<u> </u>		<u> </u>			
No. Main Spans 3	No. App	roach Sp	ans 0				
Maximum Span Length	—— 61.5 ft						
Total Length	155.9 ft	_					
<u>WIDTHS</u> (*.* ft.)		- 	<u>CLEARANCES</u>				
Deck Out-to-Out	36.5 ft		Min. Vertical Cleara	ance over Deck	(99 ft - 9	99 in
Roadway Curb/Curb			Min. Vertical Under	r Clearance		16 ft - 1	10 in
Roadway Rail/Rail	30.0 ft		Min. Lateral Under	Clearance Rt.		10 f	-t
Sidewalk Rt.	Lt		Min. Lateral Under	Clearance Lt.		6 ft	<u> </u>
*Approach Roadway	24 ft		☐ Fracture Critical	Bridge			
*(Does Not Include Shou			(If Yes, Inclu				
Approach Shoulder	Rt. <u>10 ft</u> Lt. 6 ft		✓ NBIS Bridge (Ler	ngth > 20ft)	BRID	DGE is:	OPEN
UNDERWATER INSPECTION	ON To Be Per	I formed E	Ву:			Date	
	See bottom	of "Bents	page for applicable not	es from underwa	ter report	.s	
COORDINATES	<u>EQU</u>	IPMENT -	+ RESOURCES				
Latitude: N 35° 0).175' ✓ Tá	ape / Lase	er 🗹 GPS		Traffic	c Control	I - TDOT
Longitude: W 85° 1	12.725' 🗌 La	adder	\square Big Boat		Traffic	c Control	l - Bridge
Date Collected: 7/12/20		ashlight	Little Boat	Other:			
	□ Re	each All	☐ Bucket Truck				
General Inspection Com	ments:						

PUBLIC RECORDS REQUEST
Bit document is covered by 23 USC \$409
And its production pursuant to a public
document record request does not
waive the provisions of \$409

Overall Rating Comments:

OVERALL RATING:

FAIR

Co Route - Log Mile - Left/Right Time of Day Inspected AM Weather Conditions 90° - Sunny Vehicles Observed ALL TYPES LIVE LOAD BEHAVIOR Substructure Yes/No Comments Horiz./ Vert. Defl. NO Superstructure Horiz./ Vert. Defl. NO NO Superstructure Horiz./ Vert. Defl. NO	В		Bridge Loc	ation No.	33 - 10075 - 0129			Date	7/19/2018
Time of Day Inspected AM Weather Conditions 90° - Sunny Vehicles Observed ALL TYPES LIVE LOAD BEHAVIOR Substructure Yes/No Comments Horiz./ Vert. Defl. NO Superstructure NO Superstructure	PERFORMANCE F	VΔΙΙΙΔ	TION		Co Route - Lo	og Mil	le - Left/Right		
Vehicles Observed ALL TYPES LIVE LOAD BEHAVIOR Substructure Yes/No Comments Horiz./ Vert. Defl. NO Vibration NO Superstructure				We	eather Condition	ns ^c	90° - Sunnv		
Substructure Horiz./ Vert. Defl. Vibration Superstructure Ves/No Comments Comments NO NO						_	<u> </u>		
Substructure Horiz./ Vert. Defl. Vibration Superstructure Yes/No Comments NO NO									
Horiz./ Vert. Defl. Vibration NO Superstructure			Yes/No				Comments		!
Superstructure	Horiz./ Vert	t. Defl.							
	Vibration		NO						
Horiz./ Vert. Defl. NO	Superstructure	<u> </u>							
	Horiz./ Vert	t. Defl.	NO						
Vibration	Vibration		NO						
<u>APPROACH</u>	<u>APPROACH</u>								
Rating Comments	[1		·- ·					
Alignment FAIR CURVE - requires advanced warning of speed reduction	_			/E - requires a	dvanced warning o	of spee	ed reduction		
Slab N/A	ŀ								
Joints NONE COOR	-								
Pavement GOOD GOOD	ŀ								
Slope GOOD COOD	·								
Drains GOOD TRACEIC CAPETY FEATURES	· ·								
TRAFFIC SAFETY FEATURES Standard/	IRAFFIC SAFETY	FEATUR	KES	Standar	d/				
Rating NonStandard Comments			Rating	NonStand	dard		Comments		
Bridgerailing GOOD Standard	Bridgerailing		GOOD						
Transitions GOOD Standard	Transitions		GOOD	Standa	ard				
Approach Rail GOOD Standard			GOOD	Standa	ard				
Guardrail Terminal GOOD Standard	Guardrail Term	ninal	GOOD	Standa	ard				
Median NONE NONE	Median		NONE						
SIGNS POSTED ON ROUTE ☐ Weight Limit Posted	SIGNS POSTED O	N ROU	<u>TE</u>				\square Weight Lir	nit Posted	
Paddleboards YES Gross Tor	Paddleboards			YES			Gross	······ <u> </u>	Tons
Vertical Clearance (<14'-6")	Vertical Clearar	nce (<14	4'-6")	NO			2 Axle	······ —	Tons
Narrow Bridge Signs NO 3 or more Axles Tor	Narrow Bridge	Signs	_	NO			3 or more	Axles	Tons
One Lane Bridge Signs NO NO	One Lane Bridg	ge Signs	_	NO					
Other Signs or Plaques:	•	•	s:						
ATTACHED SIGNS Sign Number: Location: Directions:	Sign Number: Location:	<u>;</u>							
Problems with Signs:		ns.							

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

Bridge Location No.

GOOD

33 - 10075 - 0129

Date

7/19/2018

DECK Rating Comments Wearing Surface GOOD Deck - Structural **FAIR** PCBB - Deck Not Visible - Rating Matches Rating for Beams. Condition Curbs NONE Median NONE Sidewalks NONE **Paint** NA **Drains** NONE **Lighting Standards** NONE Utilities NONE Joint Leakage **FAIR Expansion Joints** NV OVERLAYED **SUPERSTRUCTURE Bearing Devices** GOOD Elastomeric pads Girders or Beams **FAIR** HL CRACKS, MAP-CRACKING, DELAMS, REBAR POPOUTS. Filler Beneath Beams - Loose. Floor Beams NA NA Stringers Diaphragms NA Bracing NA **Paint** NA Alignment of Members G-F 1" MISALIGNMENT SPAN 3 Trusses - General NA **Portals** NA NA Bracing **TEXTURE COAT Condition Rating Needs Spot Painting** F-P NO **Overall Appearance FAIR Needs Repainting** NO Staining Rating **FAIR** Comments **FAIR Fading Rating**

Scaling Rating

Bridge Location No. 33 - 10075 - 0129

33100750013

Date 7/19/2018

JBST		

ABUTMENTS	Rating	Comments
Caps	GOOD	HL-SM cracks
Stem:	N/A	
Wings / Walls	GOOD	
Backwall	NV	
Plumb	GOOD	
Footing	NA	
Piles	NV	
Embankment	G-F	Abutment 2 - Undercutting.
Bridge Seat:	GOOD	
Rip Rap	NA	
<u>BENTS</u>		
Bridge Seat:	GOOD	
Caps	FAIR	HL CRACKS, DELAMS, MINOR SPALLS. Span 2 - Right Cap - Tree Growing from Cap.
Columns / Shaft	GOOD	SPALL, HL CRACKS
Pier / Crash Walls:	N/A	
Plumb	GOOD	
Footings	NV	
Piles	NV	

Underwater Substructure Comments

Piles Need

Replacement:

NO

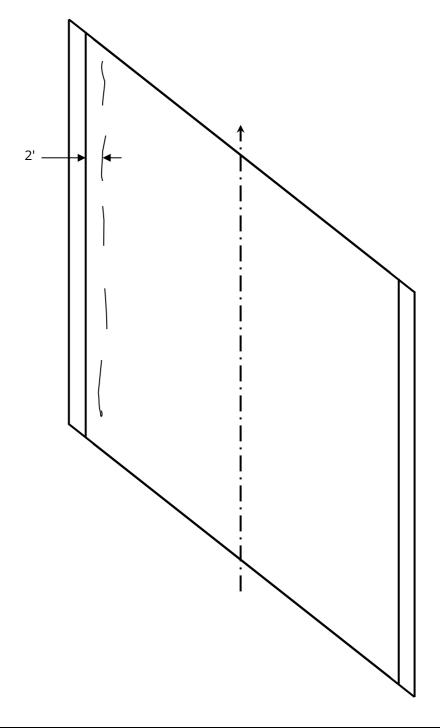
CT C7	77 T	\cap NTC	\sim	DECK
242	и т т	CIVO	UF	

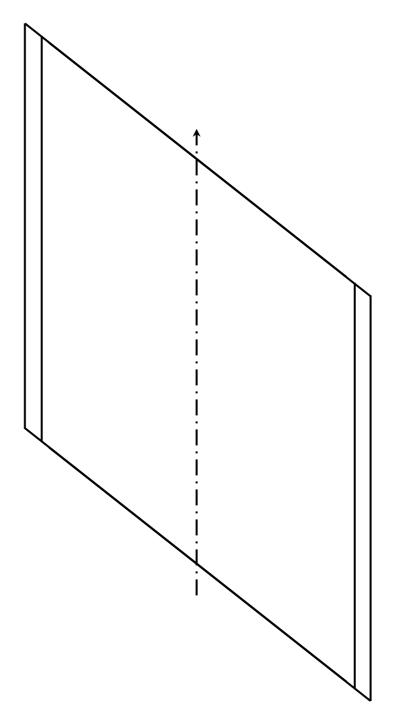
PAGE NO.____

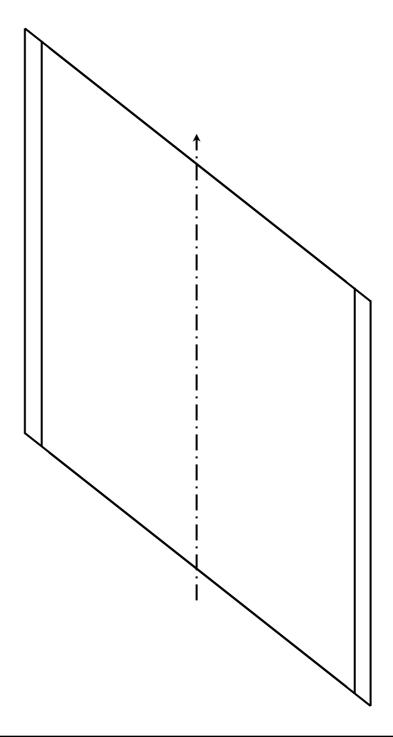
BRIDGE LOCATION NO.	33	<u>_</u> 175 _	1.27	2.04	DATE:
	COUNTY	ROUTE	LOG MILE	LOG km	

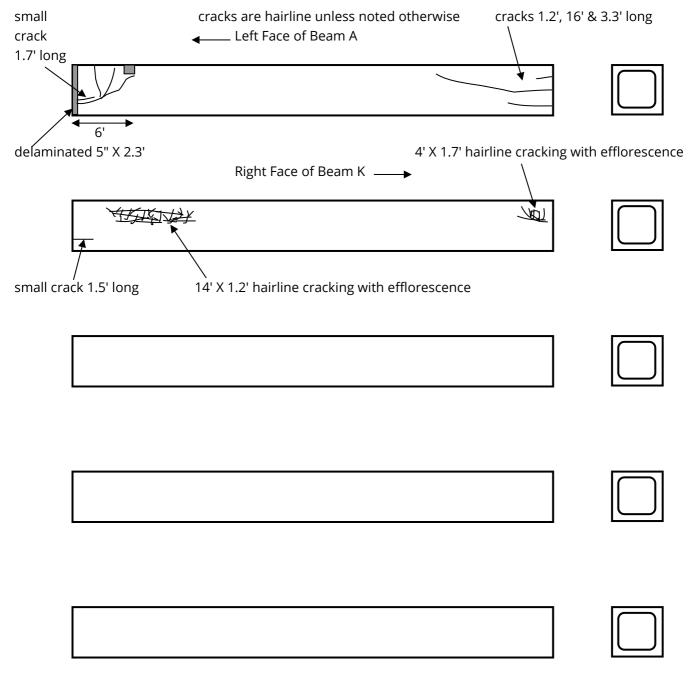
STATION/ LOCATION	TOP OF LT. CURB/RAIL	GUTTER/ EDGE DECK	CENTERLINE	GUTTER/ EDGE DECK	TOP OF RT. CURB/RAIL
ABUT # 1		214.57		213.51	
BENT # 1		215.01		214.02	
BENT # 2		215.41		214.48	
ABUT # 2		215.58		214.77	
					1

BENCH	MARK	LOCATION	BRIDGE	SEAT,	ABUT.	# 1,	RT.	SIDE		
									-	
BENCH	MARK	ELEVATION	695.98 f	t - 21	12.14 r	n				
NOTE:	ELEV	ATIONS TAKE	N FROM E	PREVIO	JS REPO	ORT.				

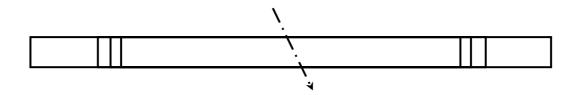


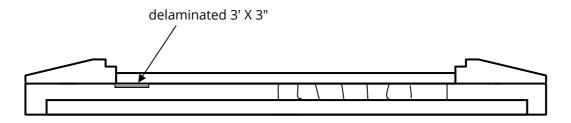




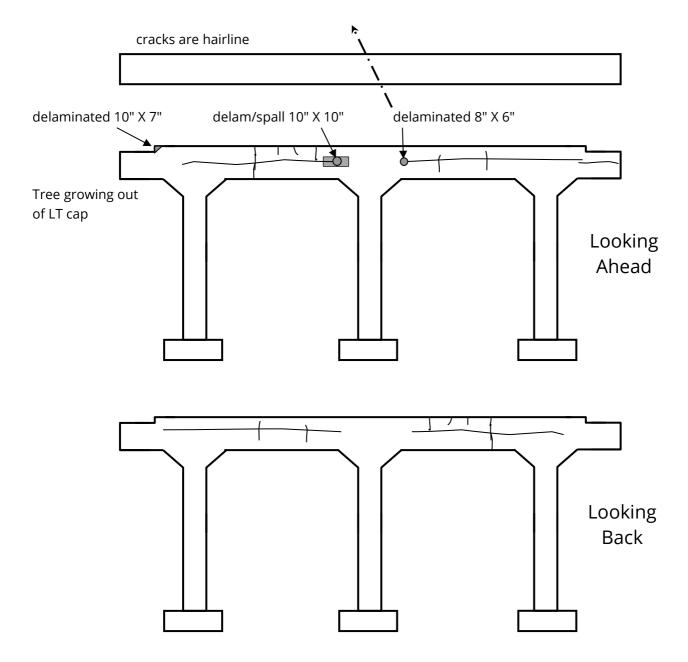


Structure: 33-I0075-01.29 Underpass: 33-I0075-01.29





dirt and debris on slope LT side

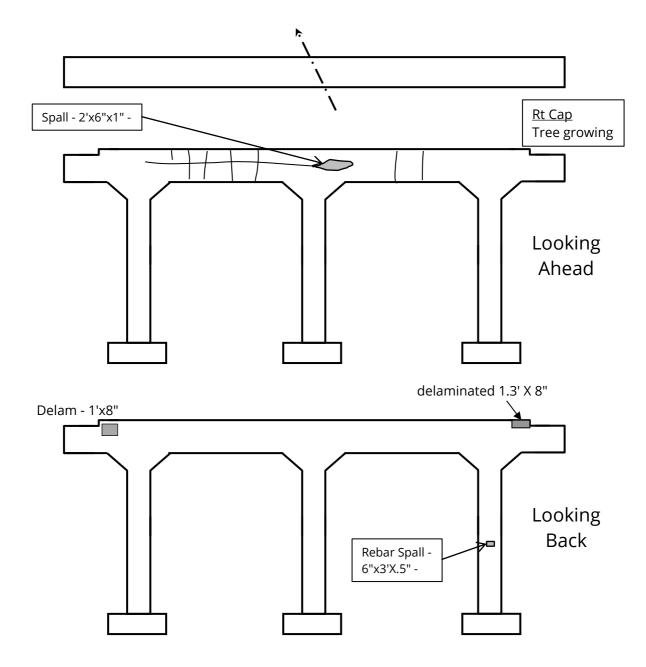


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PUBLIC RECORDS REQUEST
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And its production pursuant to a publi
document records request does not
waive the provisions of §409

Structure: 33-I0075-01.29 Underpass: 33-I0075-01.29 Bent 1 33100750013

Inspection Date: 07/19/2018

3 Span Bridge



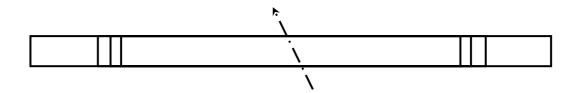
Structure: 33-I0075-01.29 Underpass: 33-I0075-01.29 Bent 2 33100750013

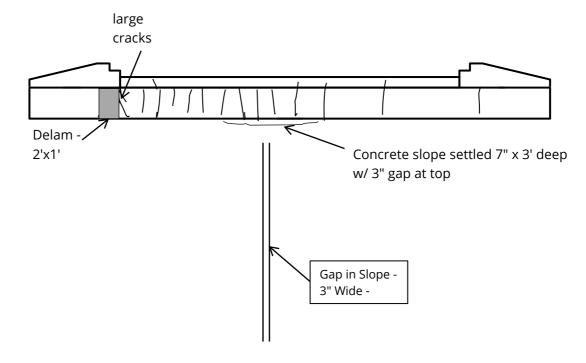
Inspection Date: 07/19/2018

3 Span Bridge

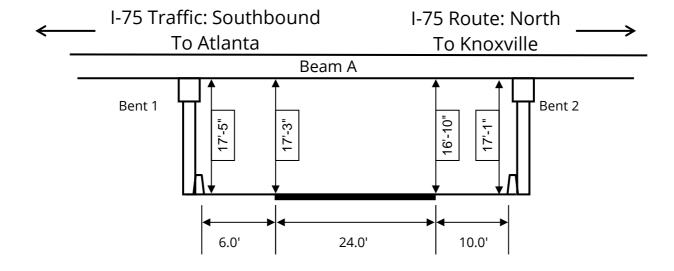
G

G





Structure: 33-I0075-01.29



Looking Ahead on I-75 - Toward I-24 EB to Chattanooga

BRIDGE MAINTENANCE RECOMMENDATIONS

COUNTY: HAMILTON

LOCATION: 33-I0075-01.29-

CO. SEQ.: 1 SPEC. CASE: 0

MILEPOST: 1.23

CROSSING: 175 SBL REPAIR LIST NO.: N

Tennessee Department

of Transportation

FED. BRIDGE NO.: 33I00750013 DATE ADDED:

MAINT. DIST.: 33 REVISED: 07/10/2012

MAINI. DISI.: 33				,	
FACILITY CARRIED:		I'	75 SBL	NUMBER OF MAIN SPANS:	
FACILITY CARRIED:	02-INTE	ERSTATE	URBAN	NUMBER OF APPROACH SPANS:	
BRIDGE WIDTH (CURB TO CURB):					148
BRIDGE WIDTH (OUT TO OUT):					59
APPROACH ROADWAY (W/SHOULDERS)					N/A
MAINTAINED BY:					
MAIN SPAN MATERIAL:				PRESTRESSED CONCRETE	
MAIN SPAN DESIGN TYPE:		BOX	BEAM C	OR GIRDERS - MULTIPLE	
APPROACH SPAN MATERIAL:					
APPROACH SPAN DESIGN TYPE:					
INSPECTION DATE: 07/1	9/2018		G	ENERAL CONDITION:	FAIR
EVALUATION DATE: 08/2	24/2016		S	TRUCTURALLY DEFICIENT:	
PPRM PIN NUMBER:					
H TRUCK RATING @ INV.:	TONS		S	UFFICIENCY RATING:	
SUGGESTED ROUTINE MAINTENANCE A	AND COMM	ENTS			
Remove Loose Filler From Beams	Above.				
-					
GENERAL COMMENTS:					



Underpass Condition Coding Form

Revised 07/23/2018

STATE OF TENNESSEE				C	od	ing I	Fo	rm	l	33		
DEPART	TMENT OF TRANS	SPORTATION									ounty:	10075
R	ridge Number:		33100	7500132					S	Special	Case:	0
	ludes Item 5A)		33100	7500152					Coun	ty Sequ	ience:	1
Feature Intersected:			175 SBL								Mile:	1.29
CODE	ONLY THO	SE VALUES W	нісн	HAVE	CHA	NGE	D					
	DESCRIPTION				VAI		_	UN	NDERPASS	SAFE	TY FEA	TURES
90	LAST INSPECT	ΓΙΟΝ DATE	07/19/2018									
	EARLIEST DA NEXT	TE OF				/2020	Ī	515	· /			
	REGULAR INS	SPECTION		_	/	/	_			NCRET	ION OF Γ ΓE BARR RAIL	
10	MINIMUM V.C	C. OVER		10	FT.	10	IN.		Re	evised B	arrier Ty	pe
	DECK (ROADWAY + S	SHOULDERS)			FT.		_ IN.		m ADEO	TIA CN	O.E.	
520	MINIMIM V.C	C. OVER DECK		1/	FT.	1() IN.		(B) ADEQ BARR	IER OF	OF R RAIL	1
520	(EXCLUDES S			10		10						
					•		_		(C) ADEQ	UACY	OF	1
47	TOTAL			40	FT.	(IN.			SITION		
	HORIZONTAL UNDERCLEAR				FT.		IN.					
54	MINIMUM VE (EXCLUDES S	RTICAL UNDERCI	LEARAN	NCE					(D) ADEQ TERM	UACY IINALS		1
	(EACLUDES S.	Circle One: H	R		FT.		_ IN.					
					-		-	554	VERTICA LISTED O	N HEI		
55	MINIMUM LA UNDERCLEAF	TERAL RANCE ON RIGHT							POSTING		FT.	IN.
	SIDE	Circle One: H	R		FT.		IN.				FT	IN.
								4.5	I AMMININ		4	ONGUEND
56	MINIMUM LA	TERAL						16	N 35°.			ONGITUDI 35° 12.7250′
	UNDERCLEAR SIDE	RANCE ON LEFT			FT.		_ IN.					
521	OVERALL CO	NDITION		FAIR					HEIGH	г вост	SED AT	YES[]
									HEIGH' BOTH			NO []
						•			APPRO.	ACHES	?	N/A []
555	COMMENTS											

Page 1 of 2	<u>Underpa</u>	ss I	nspect	<u>ion Repor</u>	<u>t</u>							
Form BIR 3.0A			Date	7/19/2018								
(Rev. 9-22-98)			Previous	s Report	No. 23	Date	7/12/2016					
DT-1443												
Bridge No.	33100750013	_										
	Eleven Digit No.		Underp	ass Route			I-75 to I-24					
Overhe	ad Structure	_ °	r	33 - 10075 - 0129 Bridge Location			over 33 - 10075 - 0129 Underpass Location No.					
County	Type of		ernass:		Offic	ici puss E	ocation 140.					
Year Construct	. 7		_									
Year Constructed 1959 - ACTUAL Year Widened NA - NA				Year Rehabilitated			Ν	IA - NA				
GEOMETRIC F	EATURES UNDER	BRII	— DGE	(*.*	ft. un	less otherw	vise note	rd)	_			
Divided Highw			orthboun	•	,	Type of V		-		ASPHALT		
_	oach Traveled Roa			24.0	ft.		_	e Shoulde	rs)			
• • • • • • • • • • • • • • • • • • • •	an if Divided High		•	NA	ft.	(= 0 00 110			,			
Approach Sho	_		•	10.0		Right		6.0	ft. Left			
	earance Under Br	•	40	ft.	6							
	ween Pier Protecti	_	uardrail		_							
and Substruct				NA	ft.	Right		NA	ft. Left			
*Width of Side	walk Under Bridge	e		NA	ft.	Right		NA	ft. Left			
*Minimum Ver		16 ft 10 in Location			n: Span 2 - Beam A - Right Edge of Travel Lane.							
TRAFFIC SAFE	TY FEATURES		•									
Barrier Type:	TRIMS Item 515A		Combi	nation Metal a	and C	oncrete						
		A	dequacy	Rating		ndard / standard		I	TEA	MILADED		
	Pier Protection	Iter	n 515B -	GOOD		NDARD				M LEADER		
	Transitions	Iter	m 515C -	GOOD	STANDARD				J. Tays			
	Approach Rail			GOOD	STANDARD				<u>INSPECTORS</u>			
	Terminal	Iter	n 515D -	GOOD	STA	NDARD				. Spencer		
<u>SIGNING</u>			Yes/ N	Io/ Needed	_				F.	Watkins		
Paddleboards				NO								
Vertical Clearance (<14'-6")				NO								
Narrow Passage				NO				ļ				
One Lane P	NO											
Other Signs or	Plaques:											
Other Underpo	ass Signs Needed											



Problems with Signs:

Page 2 of 2						Pa	age No				
Form BIR 3.0A (Contin	ued)					Date	7/19/20	018			
(Rev. 9-22-98)						33 - I0075 - 0129					
DT-1443						Underpass Location N					
BRIDGE FEATURES	(*.* ft.)										
Bridge Skew	44° - LT			Numk	oer of Lanes/	Tracks on Bridg	ge	2			
Structure Type (Main S	Prestressed	/ Post-te	No. Main S	pans _	3						
Structure Type (Appr.S	Spans)					No. Appr. S	spans _	0			
Maximum Span Lengtl	:h _	61.5	(ft.)	Total Length	155.9	(ft.)					
Width of Bridge Out-to	o-Out	36.5	(ft.)	Right Angle to Cer	nterline of Br	idge)					
				(If Unable to Mea Centerline of Brid		Angle to					
UNDERPASS RATING:	<u>:</u> FAIR	ι т	ΓRIMS Ite	m 521							
✓ Potential for bridge	elements fa	alling on to roa	adway be	elow							
\square Potential is due to f	ailure of ma	jor members									
Underpass Inspection	Comments										
Concrete Filler Beneath	Beams - Loo	se.									

Note: If Underpass Route is Divided Highway, Use Two of These Forms, One for Each Roadway.

MINIMUM PICTURES REQUIRED

- 1. Elevation View of Bridge on Both Sides Showing Underpass
- 2. View Showing Both Approaches to Bridge
- 3. View Showing Safety Features
- 4. View Showing Any Problems

Structure Inventory and Appraisal Sheet (English Units)

ELEMEI	NT CONDI	TION 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	12/1	Re Concrete Deck	sq.ft	5,402.00	100%	5,401.00	0%	1.00	0%	0.00	0%	0.00
0	510/1	Wearing Surfaces	sq.ft	5,032.00	100%	5,032.00	0%	0.00	0%	0.00	0%	0.00
0	1080/1	Delamination/Spall/Patched Area	sq.ft	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
0	104/1	Pre Clsd Box Girder	ft	1,628.00	97%	1,582.00	3%	41.00	0%	5.00	0%	0.00
0	1080/1	Delamination/Spall/Patched Area	ft	4.00	0%	0.00	0%	0.00	100%	4.00	0%	0.00
0	1090/1	Exposed Rebar	ft	1.00	0%	0.00	0%	0.00	100%	1.00	0%	0.00
0	1110/1	Cracking (PSC)	ft	41.00	0%	0.00	100%	41.00	0%	0.00	0%	0.00
0	205/1	Re Conc Column	each	6.00	83%	5.00	17%	1.00	0%	0.00	0%	0.00
0	1090/1	Exposed Rebar	each	1.00	0%	0.00	100%	1.00	0%	0.00	0%	0.00
0	215/1	Re Conc Abutment	ft	135.00	44%	60.00	41%	55.00	15%	20.00	0%	0.00
0	1080/1	Delamination/Spall/Patched Area	ft	5.00	0%	0.00	0%	0.00	100%	5.00	0%	0.00
0	1130/1	Cracking (RC and Other)	ft	70.00	0%	0.00	79%	55.00	21%	15.00	0%	0.00
0	234/1	Re Conc Pier Cap	ft	92.00	26%	24.00	65%	60.00	9%	8.00	0%	0.00
0	1080/1	Delamination/Spall/Patched Area	ft	8.00	0%	0.00	0%	0.00	100%	8.00	0%	0.00
0	1130/1	Cracking (RC and Other)	ft	60.00	0%	0.00	100%	60.00	0%	0.00	0%	0.00
0	310/1	Elastomeric Bearing	each	33.00	100%	33.00	0%	0.00	0%	0.00	0%	0.00
0	313/1	Fixed Bearing	each	33.00	100%	33.00	0%	0.00	0%	0.00	0%	0.00
0	331/1	Re Conc Bridge Railing	ft	296.00	100%	296.00	0%	0.00	0%	0.00	0%	0.00

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