

COUNTY: SHELBY Image: County: Shelby LOCATION: 79-I0240-15.45- Tennessee Department of Transportation CO. SEQ.: 1 SPEC. CASE: 0 MILEPOST: 15.71 Tennessee Department of Transportation CROSSING: NORFOLK SOU RR / I-240 REPAIR LIST NO.: 2 PED. BRIDGE NO.: 79102400109 DATE ADDED: 09/29/1999 MAINT. DIST.: 79 DATE ADDED: 02/19/2013 FACILITY CARRIED: NS RWY 732166B NUMBER OF MAIN SPANS: HIGHWAY SYSTEM: 02-INTERSTATE URBAN NUMBER OF APPROACH SPANS: BRIDGE WIDTH (CURB TO CURB): N/AFT IN BRIDGE LENGTH (FT): BRIDGE WIDTH (OUT TO OUT): N/AFT IN MAXIMUM SPAN LENGTH (FT): 74 APPROACH ROADWAY (W/SHOULDERS): 39 FT O IN SKEW ANGLE (DEGREES): N/A MAINTAINED BY: MAIN SPAN MATERIAL: STEEL N/A MAIN SPAN MATERIAL: STRINGER/MULTI-BEAM OR GIRDER APPROACH SPAN MATERIAL: APPROACH SPAN DESIGN TYPE: INSEC	BRIDGE MAINTENANCE RECOMMENDA	TIONS	т	DOT
General Construct: NORFORM SOURCY 12240 FED. BRIDGE NO.: 79102400109 MAINT. DIST.: 79 Carrier Construction 02/19/2013 FACILITY CARRIED: NS RWY 732166B NUMBER OF MAIN SPANS: HIGHWAY SYSTEM: 02-INTERSTATE URBAN NUMBER OF APPROACH SPANS: BRIDGE WIDTH (CURB TO CURB): N/A FT IN BRIDGE LENGTH (FT): 315 BRIDGE WIDTH (OUT TO OUT): N/A FT IN MAXIMUM SPAN LENGTH (FT): 74 APPROACH ROADWAY (W/SHOULDERS): 39 FT 0 IN SKEW ANGLE (DEGREES): N/A MAIN SPAN MATERIAL: STEEL MAIN SPAN MATERIAL: STEINGER/MULTI-BEAM OR GIRDER APPROACH SPAN MATERIAL: APPROACH SPAN MATERIAL: APPROACH SPAN DESIGN TYPE: INSPECTION DATE: 02/19/2013 GENERAL CONDITION: FAIR EVALUATION DATE: 04/04/2011 STRUCTURALLY DEFICIENT: FAIR	LOCATION: 79-10240-15.45- CO. SEQ.: 1 SPEC. CASE: ()		ennessee Department
MAINT. DIST.: 79 REVISED: 02/19/2013 FACILITY CARRIED: NS RWY 732166B NUMBER OF MAIN SPANS: HIGHWAY SYSTEM: 02-INTERSTATE URBAN NUMBER OF APPROACH SPANS: BRIDGE WIDTH (CURB TO CURB): N/A FT IN BRIDGE LENGTH (FT): 315 BRIDGE WIDTH (OUT TO OUT): N/A FT IN MAXIMUM SPAN LENGTH (FT): 74 APPROACH ROADWAY (W/SHOULDERS): 39 FT 0 IN SKEW ANGLE (DEGREES): N/A MAINTAINED BY:	CROSSING: NORFOLK SOU RR / I-24	0		
FACILITY CARRIED: NS RWY 732166B NUMBER OF MAIN SPANS: HIGHWAY SYSTEM: 02-INTERSTATE URBAN NUMBER OF APPROACH SPANS: BRIDGE WIDTH (CURB TO CURB): N/AFT IN BRIDGE LENGTH (FT): 315 BRIDGE WIDTH (OUT TO OUT): N/AFT IN BRIDGE LENGTH (FT): 74 APPROACH ROADWAY (W/SHOULDERS): 39 FT 0 IN SKEW ANGLE (DEGREES): N/A MAINTAINED BY:	FED. BRIDGE NO.: 79102400109			
HIGHWAY SYSTEM: 02-INTERSTATE URBAN NUMBER OF APPROACH SPANS: BRIDGE WIDTH (CURB TO CURB): N/A FT IN BRIDGE LENGTH (FT): 315 BRIDGE WIDTH (OUT TO OUT): N/A FT IN MAXIMUM SPAN LENGTH (FT): 74 APPROACH ROADWAY (W/SHOULDERS): 39 FT 0 IN SKEW ANGLE (DEGREES): N/A MAINTAINED BY:	MAINT. DIST.: 79		REVISED:	02/19/2013
BRIDGE WIDTH (CURB TO CURB): N/AFT IN BRIDGE LENGTH (FT): 315 BRIDGE WIDTH (OUT TO OUT): N/AFT IN MAXIMUM SPAN LENGTH (FT): 74 APPROACH ROADWAY (W/SHOULDERS): 39 FT 0 IN SKEW ANGLE (DEGREES): N/A MAINTAINED BY:	FACILITY CARRIED:	NS RWY 732166B	NUMBER OF MAIN SPAN	s:
BRIDGE WIDTH (OUT TO OUT): N/A FT IN MAXIMUM SPAN LENGTH (FT): 74 APPROACH ROADWAY (W/SHOULDERS): 39 FT 0 IN SKEW ANGLE (DEGREES): N/A MAINTAINED BY:	HIGHWAY SYSTEM: 02-	INTERSTATE URBAN	NUMBER OF APPROACH	SPANS:
APPROACH ROADWAY (W/SHOULDERS): 39 FT 0 IN SKEW ANGLE (DEGREES): N/A MAINTAINED BY:	BRIDGE WIDTH (CURB TO CURB):	N/AFT IN	BRIDGE LENGTH (FT):	315
MAINTAINED BY: MAIN SPAN MATERIAL: STEEL MAIN SPAN DESIGN TYPE: STRINGER/MULTI-BEAM OR GIRDER APPROACH SPAN MATERIAL: APPROACH SPAN DESIGN TYPE: INSPECTION DATE: 02/19/2013 GENERAL CONDITION: FAIR EVALUATION DATE: 04/04/2011 STRUCTURALLY DEFICIENT: FAIR	BRIDGE WIDTH (OUT TO OUT):	N/A FT IN	MAXIMUM SPAN LENGTH	(FT): 74
MAIN SPAN MATERIAL: STEEL MAIN SPAN DESIGN TYPE: STRINGER/MULTI-BEAM OR GIRDER APPROACH SPAN MATERIAL: APPROACH SPAN DESIGN TYPE: INSPECTION DATE: 02/19/2013 GENERAL CONDITION: FAIR EVALUATION DATE: 04/04/2011 STRUCTURALLY DEFICIENT:	APPROACH ROADWAY (W/SHOULDERS):	39 FT 0 IN	SKEW ANGLE (DEGREES): N/A
MAIN SPAN DESIGN TYPE: STRINGER/MULTI-BEAM OR GIRDER APPROACH SPAN MATERIAL: APPROACH SPAN DESIGN TYPE: INSPECTION DATE: 02/19/2013 GENERAL CONDITION: FAIR EVALUATION DATE: 04/04/2011 STRUCTURALLY DEFICIENT: FAIR PPRM PIN NUMBER: Image: Content of the second s	MAINTAINED BY:			
APPROACH SPAN MATERIAL: APPROACH SPAN DESIGN TYPE: INSPECTION DATE: 02/19/2013 GENERAL CONDITION: FAIR EVALUATION DATE: 04/04/2011 PPRM PIN NUMBER: STRUCTURALLY DEFICIENT:	MAIN SPAN MATERIAL:		STEEL	
APPROACH SPAN DESIGN TYPE: INSPECTION DATE: 02/19/2013 GENERAL CONDITION: FAIR EVALUATION DATE: 04/04/2011 PPRM PIN NUMBER: STRUCTURALLY DEFICIENT:	MAIN SPAN DESIGN TYPE:	STRINGER/	MULTI-BEAM OR GIRDER	
INSPECTION DATE: 02/19/2013 GENERAL CONDITION: FAIR EVALUATION DATE: 04/04/2011 STRUCTURALLY DEFICIENT: PPRM PIN NUMBER:	APPROACH SPAN MATERIAL:			
EVALUATION DATE: 04/04/2011 STRUCTURALLY DEFICIENT: PPRM PIN NUMBER:	APPROACH SPAN DESIGN TYPE:			
PPRM PIN NUMBER:	INSPECTION DATE: 02/19/20	13 G	ENERAL CONDITION:	FAIR
PPRM PIN NUMBER:	EVALUATION DATE: 04/04/20	S	TRUCTURALLY DEFICIENT	:
H TRUCK RATING @ INV.: TONS SUFFICIENCY RATING:				
	H TRUCK RATING @ INV.: TO	NS S	UFFICIENCY RATING:	

SUGGESTED ROUTINE MAINTENANCE AND COMMENTS

BRIDGE UNDER CONSTRUCTION AT TIME OF INSPECTION

GENERAL COMMENTS:



Underpass Only* Condition Coding

Revised 02/21/2013

	TATE OF TENNESSEE MENT OF TRANSPORTATIO		ona			aing	County:	79
DEIARI				For	m		Route:	I0240
Bı	ridge Number:	791024001	09A				Special Case:	0
(Incl	ludes Item 5A)						County Sequence:	1
Featu	re Intersected:	NORFOLK SOU	RR / I-24	40			Log Mile:	15.45
CODE	ONLY THOSE VAL	UES WHICH H	AVE C	HANG	ED			
ITEM #	DESCRIPTION		VA	LUE		UNDE	RPASS SAFETY FEA	ATURES
90	INSPECTION DATE EARLIEST DATE OF NEXT REGULAR INSPECTION	ſ	12/2	9/2013 1/2014 /		515 (A)	TYPE UNDERPASS E COMBINATION OF	METAL
					_		& CONCRETE BARI RAIL	RIER OR
10	MINIMUM V.C. OVER DECK (ROADWAY + SHOULDH	ERS) —		г. : г	5 IN. IN.		Revised Barrier T	уре
520	MINIMUM V.C. OVER D (EXCLUDES SHOULDEF			Г. : г			ADEQUACY OF BARRIER OR RAIL	0
47	TOTAL HORIZONTAL UNDERCLEARANCE	_	67 F] F]	г			ADEQUACY OF TRANSITIONS	0
	e when no overhead vehicula not apply.	ır traffic bridge exists.	Items 55	and		(D)	ADEQUACY OF TERMINALS	1
554	VERTICAL CLEARANCE LISTED ON HEIGHT POSTING	E	16	LATITU N 35°			LONGITUDE 89 ° 52.1733'	
	FT.	IN.						
	FT	IN.				u	EIGHT POSTED AT	YES[]
521	OVERALL CONDITION	FA	AIR			В	OTH PPROACHES?	NO[] N/A[]

NOTE: DESCRIBE ANY PROBLEMS ON BRIDGES THAT THE STATE DOES NOT INSPECT (SUCH AS RAILROAD OR PRIVATE BRIDGES) THAT WOULD AFFECT THE ROADWAY SUCH AS LOOSE MEMBERS, SEVERLY SPALLED OR CRACKED CONCRETE, EXCESSIVE SECTION LOSS ON STEEL, EXCESSIVE TIMBER DECAY, ETC. ALSO, DESCRIBE ANY UNSAFE ITEMS.

555 COMMENTS

REVIEW DATE

TEAM LEADER SIGNATURE

BRIDGE MAINTENANCE RECOMMENDA COUNTY: SHELBY LOCATION: 79-I0240-15.44- CO. SEQ.: 1 SPEC. CASE: 0 MILEPOST: 15.7		Tennesse	e Department nsportation
CROSSING: NS RR / I-240 EX. RAME	2	REPAIR LIST NO.	: N
FED. BRIDGE NO.: 79102400109		DATE ADDED:	0/10/0010
MAINT. DIST.: 79		REVISED: 0	2/19/2013
FACILITY CARRIED:	NS RWY 732166B	NUMBER OF MAIN SPANS:	
	INTERSTATE URBAN	NUMBER OF APPROACH SPAN	s:
BRIDGE WIDTH (CURB TO CURB):	N/AFT IN	BRIDGE LENGTH (FT):	190
BRIDGE WIDTH (OUT TO OUT):	N/AFT IN	MAXIMUM SPAN LENGTH (FT): 74
APPROACH ROADWAY (W/SHOULDERS):	23 FT 3 IN	SKEW ANGLE (DEGREES):	N/A
MAINTAINED BY:			
MAIN SPAN MATERIAL:		STEEL CONTINUOUS	
MAIN SPAN DESIGN TYPE:	STRINGER/	MULTI-BEAM OR GIRDER	
APPROACH SPAN MATERIAL:			
APPROACH SPAN DESIGN TYPE:			
INSPECTION DATE: 02/19/20	13 G	ENERAL CONDITION:	FAIR
EVALUATION DATE: 04/04/20	11 S	TRUCTURALLY DEFICIENT:	
PPRM PIN NUMBER:			
H TRUCK RATING @ INV.: TO	NS S	UFFICIENCY RATING:	

SUGGESTED ROUTINE MAINTENANCE AND COMMENTS

SEE BR. NO. 79-I0240-15.45 (79I02400109A) FOR RECOMMENDATIONS

GENERAL COMMENTS:



Underpass Only* Condition Coding

Revised 02/21/2013

	STATE OF TENNESSEE 'MENT OF TRANSPORTATION	Eonm	County:	79
		Form	Route:	I0240
B	ridge Number:	79I02400109B	Special Case:	0
(Inc	ludes Item 5A)		County Sequence:	1
Featu	re Intersected: NS	RR / I-240 EX. RAMP	Log Mile:	15.44
CODE	ONLY THOSE VALUES V	WHICH HAVE CHANGED		
ITEM #	DESCRIPTION	VALUE	UNDERPASS SAFETY FEA	TURES
90	INSPECTION DATE	02/19/2013		
	EARLIEST DATE OF NEXT	12/21/2014	515 (A) TYPE UNDERPASS B	ARRIER
	REGULAR INSPECTION	/_/	COMBINATION OF 1 & CONCRETE BARR RAIL	
10	MINIMUM V.C. OVER DECK	13 FT. 11 IN. FT. IN.	Revised Barrier Ty	ре
	(ROADWAY + SHOULDERS)		(B) ADEQUACY OF	0
520	MINIMUM V.C. OVER DECK (EXCLUDES SHOULDERS)	13 FT. 11 IN.	BARRIER OR RAIL	
	(LACLODES SHOOLDERS)	FT IN.		
47	TOTAL	27 FT. 0 IN.	(C) ADEQUACY OF TRANSITIONS	0
	HORIZONTAL UNDERCLEARANCE	FT IN.		
	e when no overhead vehicular traffic o not apply.	bridge exists. Items 55 and	(D) ADEQUACY OF TERMINALS	0
554	VERTICAL CLEARANCE LISTED ON HEIGHT POSTING	16 LATITUDE N 35° 5.9983'	17 LONGITUDE W 89 ° 52.1733'	
	13 FT. 9 IN.			
	FT IN.			
			HEIGHT POSTED AT	YES[]
521	OVERALL CONDITION	FAIR	BOTH APPROACHES?	NO[]
				N/A []

NOTE: DESCRIBE ANY PROBLEMS ON BRIDGES THAT THE STATE DOES NOT INSPECT (SUCH AS RAILROAD OR PRIVATE BRIDGES) THAT WOULD AFFECT THE ROADWAY SUCH AS LOOSE MEMBERS, SEVERLY SPALLED OR CRACKED CONCRETE, EXCESSIVE SECTION LOSS ON STEEL, EXCESSIVE TIMBER DECAY, ETC. ALSO, DESCRIBE ANY UNSAFE ITEMS.

555 COMMENTS _____

REVIEW DATE

TEAM LEADER SIGNATURE

Bridge ID#: 79-I0240-15.45

Date: 02/19/2013





DIRECTION OF ROUTE

Bridge ID#: 79-I0240-15.45

Date: 02/19/2013



BRIDGE NUMBER



LEFT ELEVATION(TRAFFIC UNDER SPAN 2&3)

Bridge ID#: 79-I0240-15.45

Date: 02/19/2013



LEFT ELEVATION(TRAFFIC UNDER SPAN 2&3)



LEFT ELEVATION(TRAFFIC UNDER SPAN 2&3)

Bridge ID#: 79-10240-15.45

Date: 02/19/2013



RIGHT ELEVATION(TRAFFIC UNDER SPAN 2&3)



RIGHT ELEVATION(TRAFFIC UNDER SPAN 2&3)

Bridge ID#: 79-I0240-15.45

Date: 02/19/2013



RIGHT ELEVATION(TRAFFIC UNDER SPAN 2&3)

BRIDGE INSPE	ECTION REPORT	-101-
Form BIR 3.0	Field Report No. 21	
(Rev. 9-22-98)	Previous Report No. 20	
DT-0069	Co Seq: <u>01</u> Plans: YES	
Bridge No. 79102400109 Bridge Location	No. <u>79 - 10240 - 1545</u>	<u>79 - 10240 - 1544</u> B
Eleven Digit No.	Co. Route Log Mile SOUTHERN RAILROAD	OVER/UNDER PASS
UNDER	Feature Intersected	CITY
Year Constructed 1959	County SHELBY Maint.	Dist.: 45 Maint.Resp: 01
Year Widened Year Rehabili		
	Structur	e Name (If Named)
	$R_{1}R_{1}$	INSPECTORS
Wearing Surface Concrete () Timber () Asp	bhait () Depth (in.)	1. MOORE
Flared Width Yes () No () Median W	(idth Open () None () Closed ()	2. LANE
Navigational Control Yes () No () Bridge	Skew 90 ° LI()RI()	3. GREER
Structure Type (Main Span) STEEL I. BEAM	M	4. <u>0566605</u>
Structure Type (Appr.Spans)		5.
No. Main Spans 6 No. Approach	Spans	6.
Maximum Span Length (**.* ft.	.)	7
Total Length (**.* ft		8.
<u>WIDTHS</u> (*.* ft.)	CLEARANCES UNDER COM	15 TRUCTION
Deck Out-to-Out	Min. Vertical Clearance over Dec	ck(ftin.)
Roadway Curb/Curb	Min. Vertical Under Clearance	(ftin.)
Roadway Rail/Rail	Min. Lateral Under Clearance Rt	(*.* ft.)
Sidewalk Rt. Lt.	Min. Lateral Under Clearance Lt.	(*.* ft.)
*Approach Roadway	FRACTURE CRITICAL:	
*(Does Not Include Shoulders)	(If Yes, Include BIR 3.9)	
Approach Shoulder Rt.		
Lt	NBIS Bridge Length (<25 ft.)	(ftin.)
UNDERWATER INSPECTION		
To Be Performed By:	Date	
DOT FIELD TEAM () CONTRACT DIVERS ()		
Change in Structural Condition: Yes () No	() Major Repairs Made	e:Yes()No()
COMMENTS: LL	EARANCE ONLY	
	UNDERFASS ROUTE 1	SUNDER
<u>N35 ° 5.9983 '</u>		CONSTRUCTION
<u>W89 ° 52.1733</u>		
G.P.S. Location	BRIDGE RATING: () (\bigvee)) () ()
Ň/	GOOD ÉAIF	R POOR CRITICAL
Supervising Bridge Inspector	1. N/20-2	
	l -	

Inspection Team's Summary Bridge Location No.79 -I0240 - 15.45 Inspection Date 02-19-13 Bridge Rating FAIR

THIS 6 SPAN STEEL I BEAM RAILROAD BRIDGE IS IN FAIR CONDITION. THE UNDERPASS ROUTES ARE UNDER CURRENTLY CONSTRUCTION. BENT 3 HAS ADDED SUPPORTS ON BOTH SIDES OF THE BENT UNDER STEEL I BEAM"A" ON SPAN 3 AND STEEL I BEAM"A" ON SPAN 4.

LARRY LANE

INSPECTOR

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

Form BIR 3.0A		eld Report No.		·····
(Rev. 9-22-98)	Prev	ious Report No.	Dat	e
DT-1443	15.4	45		
Bridge No. <u>79102400109</u>	<u>79 - 10240 - 1532</u> Co. Route Log Mile		79 - I0240 - o. Route	1533 Log Mile
Eleven Digit No. SOUTHERN RAILROAD	Co. Route Log Mile	0		-
Railroad/Walkway		og Mile	Co. Route	e Log Mile
County Shelby	Structure Nan	ne (If Named)		
Year Constructed 1959	<u></u>			
Year Widened	Year Reha	abilitated	<u> </u>	
GEOMETRIC FEATURES UN	DER BRIDGE (*.* ft. u	nless otherwise	noted)	
				WDER
Type of Wearing Surface			VEL()	WDER ONSTR
Width of Approach Traveled R		(Does Not Incl		Ĺ
Width of Median if Divided Hig	hway 36 ft.			
Approach Shoulder Width		Right	<u>′0 </u>	_eft
*Horizontal Clearance Under E	ridge <u>67</u> ft.		in.	
*Distance Between Pier Protec			-	
Guardrail and Substructure		Right	<u>, 5</u> ft.	
*Width of Sidewalk Under Brid		Right	ft.	Left
*Minimum Vertical Clearance:	ft	in.		
*Show on Sketch				
TRAFFIC SAFETY FEATURE	S FOR UNDERPASS RO	UTE		
		STANDARD SU	JB-STANDARD	NON EXIST
Pier Protection Railing or P	arapet GFPC	()	()	()
Approach Guardrail Transit	ons GFPC	()	()	()
Approach Guardrail	GFPC	()	()	()
Approach Guardrail Termin	al GFPC	()	()	()
SIGNING FOR UNDERPASS	ROUTE			
Paddleboards		NEEDED ()	INSPE	CTORS
Vertical Clearance (<14'-6"		NEEDED ()	1.	
Narrow Passage	() ()	NEEDED ()		
One Lane Passage	., .,	NÉEDED ()	2	
Other Underpass Signs Ne	eded		3	
			4.	

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Railroad/Walkway Co. Route Log Mile Co. Route Log Mile County Shelby Structure Name (If Named)	Form BIR 3.0A	Field Report No Date	_
Bridge No. 79102400109 79 - 10240 - 1533 Bridge No. 79 - 10240 - 1533 over/ 79 - 10240 - 1533 SOUTHERN RAILEADD Or - - Co. Route Log Mile SOUTHERN RAILEADD Or - - - Co. Route Log Mile County Shelby Structure Name (If Named) -	(Rev. 9-22-98)	Previous Report No Date	
Bridge No. 79 - 10240 - 4555 Overf 79 - 10240 - 1533 Govern Digt No. Or Raute Log Mile Nature Co. Route Log Mile SOUTHERN RATUROAD or - - Or - - Co. Route Log Mile County Shelby Structure Name (If Named) - - Co. Route Log Mile County Shelby Structure Name (If Named) - - - Co. Route Log Mile County Shelby Structure Name (If Named) -	DT-1443	15 45	
Eleven Digit No. Co. Route Log Mile under Co. Route Log Mile SOUTHEEN RATLROAD or -	Bridge No. 79102400109		
Bab Find Karking Co. Route Log Mile Co. Route Log Mile County Shelby Structure Name (If Named)		Co. Route Log Mile under Co. Route Log Mile	
CountyShelbyStructure Name (if Named)			-
Year Constructed 1959 Year Widened Year Rehabilitated GEOMETRIC FEATURES UNDER BRIDGE (** ft. unless otherwise noted) Divided Highway LEFT RDWY () RIGHT RDWY (X) N.A. () UNDER Type of Wearing Surface CONCRETE () ASPHALT () GRAVEL () UNDER Width of Approach Traveled Roadway 36 ft. (Does Not Include Shoulders) COMSTRUCT Width of Median if Divided Highway 26 ft. Does Not Include Shoulders) COMSTRUCT Width of Median if Divided Highway 26 ft. I. Left	•		
Year Widened Year Rehabilitated GEOMETRIC FEATURES UNDER BRIDGE (** ft. unless otherwise noted) Divided Highway LEFT RDWY () RIGHT RDWY (X) N.A. () Type of Wearing Surface CONCRETE () ASPHALT () GRAVEL () Width of Approach Traveled Roadway 36 ft. Does Not Include Shoulders) Constrictor 7 Width of Median if Divided Highway 26 ft. Does Not Include Shoulders) Constrictor 7 Approach Shoulder Width 16 ft. Right 10 ft. Left *Horizontal Clearance Under Bridge 42 ft. constructor in. *Distance Between Pier Protection Guardrail and Substructure 6 ft. Right ft. Left *Width of Sidewalk Under Bridge ft. Right ft. Left *Minimum Vertical Clearance: ft. in. * *Show on Sketch TRAFFIC SAFETY FEATURES FOR UNDERPASS ROUTE Pier Protection Railing or Parapet G F P C () () () Approach Guardrail Terminal G F P C () () () Approach Guardrail Terminal G F P C () () ()			
GEOMETRIC FEATURES UNDER BRIDGE (** ft. unless otherwise noted) Divided Highway LEFT RDWY () RIGHT RDWY () N.A. () UNDER BRIDGE (** ft. unless otherwise noted) Divided Highway LEFT RDWY () RIGHT RDWY () N.A. () UNDER BRIDGE (** ft. unless otherwise noted) Width of Approach Traveled Roadway 36 ft. (Does Not Include Shoulders) (** ft. Right /0 Approach Shoulder Width //6 # Right /0 ft. Right /0 /0 Midth of Median if Divided Highway /26 ft. Right /0 /10 ft. Left * Horizontal Clearance Under Bridge /0 ft. Right /5 ft. Left * Width of Sidewalk Under Bridge /1 _1 Left * Minimum Vertical Clearance: * ft. Right /5 ft. Left * Minimum Vertical Clearance			
Divided Highway LEFT RDWY () RIGHT RDWY (X) N.A. () UNDER Type of Wearing Surface CONCRETE () ASPHALT () GRAVEL () $ODERCET$ Width of Approach Traveled Roadway 36 ft. (Does Not Include Shoulders) $ODETROT<$ Width of Median if Divided Highway 26 ft. (Does Not Include Shoulders) $ODETROT<$ Approach Shoulder Width //6 ft. (Does Not Include Shoulders) ft. Left *Horizontal Clearance Under Bridge 60 ft. (Does Not Include Shoulders) ft. Left *Uidth of Sidewalk Under Bridge 6 ft. Right	Year Widened	Year Rehabilitated	
Type of Wearing Surface CONCRETE () ASPHALT () GRAVEL () OTHER () Width of Approach Traveled Roadway $\underline{36}$ ft. (Does Not Include Shoulders) $Constrators$ Width of Median if Divided Highway $\underline{26}$ ft. Right 10 ft. Left Approach Shoulder Width $\underline{16}$ ft. Right 10 ft. Left *Horizontal Clearance Under Bridge $\underline{67}$ ft. Right $.5$ ft. Left *Distance Between Pier Protection Guardrail and Substructure $\underline{6}$ ft. Right $.5$ ft. Left *Width of Sidewalk Under Bridge ft. Right $.5$ ft. Left *Minimum Vertical Clearance: in. *Show on Sketch TRAFFIC SAFETY FEATURES FOR UNDERPASS ROUTE SUB-STANDARD NON EXIST Pier Protection Railing or Parapet G F P () () Approach Guardrail Transitions G F P () () () Approach Guardrail G F P () () () Approach Guardrail G F P () () ()	GEOMETRIC FEATURES UND	ER BRIDGE (*.* ft. unless otherwise noted)	
Type of Wearing Surface CONCRETE () ASPHALT () GRAVEL () Construct Width of Approach Traveled Roadway 36 ft. (Does Not Include Shoulders) Construct Width of Median if Divided Highway 26 ft. Rispite Structure 26 ft. Approach Shoulder Width 16 ft. Right 10 ft. Left *Horizontal Clearance Under Bridge 407 ft. 0 in. *Distance Between Pier Protection 407 ft. Right 5 ft. Left *Width of Sidewalk Under Bridge ft. Right ft. Left ft. Left *Minimum Vertical Clearance: ft. in. in. *Show on Sketch Standard Sub-standard Non EXIST Pier Protection Railing or Parapet G F P () () Approach Guardrail Transitions G F P () () () Approach Guardrail G F P () () () () Approach Guardrail G F P () () () ()	Divided Highway	RDWY() RIGHT RDWY(X) N.A.()	
Width of Approach Traveled Roadway 36 ft. (Does Not Include Shoulders) (Comparison (Compa		CONCRETE() ASPHALT() GRAVEL()	
Width of Median if Divided Highway 26 ft. Approach Shoulder Width 16 ft. Right 10 *Horizontal Clearance Under Bridge 67 ft. Right 0 *Distance Between Pier Protection 6 ft. Right 5 ft. Left *Width of Sidewalk Under Bridge ft. Right ,5 ft. Left *Minimum Vertical Clearance: ft. in. *Show on Sketch TAAFFIC SAFETY FEATURES FOR UNDERPASS ROUTE Pier Protection Railing or Parapet G F P C () () Approach Guardrail Transitions G F P C () () Approach Guardrail Terminal G F P C () () Approach Guardrail Terminal G F P C () () Approach Guardrail Terminal G F P C () () Approach Guardrail Terminal G F P C () () Approach Guardrail Terminal G F P C () () <td< td=""><td></td><td></td><td>67</td></td<>			67
Approach Shoulder Width Ibox ft. Right Ibox ft. Left *Horizontal Clearance Under Bridge Ibox ft. Right Ibox ft. Left *Distance Between Pier Protection Guardrail and Substructure Ibox ft. Right Ibox Ibox ft. Left *Width of Sidewalk Under Bridge ft. Right Ibox ft. Left *Minimum Vertical Clearance: ft. rin. in. ft. Left *Minimum Vertical Clearance: ft. in. in. ft. Left *Show on Sketch France Standard States Standard States NON EXIST Pier Protection Railing or Parapet G F P C () () Approach Guardrail G F P C () () () Approach Guardrail G F P C () () () Signing For Underpass Route Padleboards YES () NO () NEEDED () 1.	• •		
*Distance Between Pier Protection Guardrail and Substructure	Approach Shoulder Width	/6 ft. Rightft. Left	
Guardrail and Substructure 6 ft. Right , 5 ft. Left *Width of Sidewalk Under Bridge ft. Right	*Horizontal Clearance Under Br	idge <u>67</u> ft. <u>O</u> in.	
*Width of Sidewalk Under Bridgeft. Rightft. Left *Minimum Vertical Clearance:ftin. *Show on Sketch TRAFFIC SAFETY FEATURES FOR UNDERPASS ROUTE Pier Protection Railing or Parapet G F P C () () () () Approach Guardrail Transitions G F P C () () () () Approach Guardrail G F P C () () () () Approach Guardrail Terminal G F P C () () () () SIGNING FOR UNDERPASS ROUTE Paddleboards YES () NO () NEEDED () INSPECTORS Vertical Clearance (<14'-6") YES () NO () NEEDED () 1. Narrow Passage YES () NO () NEEDED () 1. One Lane Passage YES () NO () NEEDED () 3. Other Underpass Signs Needed		ion	
*Minimum Vertical Clearance: ft. in. *Show on Sketch STANDARD SUB-STANDARD NON EXIST Pier Protection Railing or Parapet G F P C () () Approach Guardrail Transitions G F P C () () Approach Guardrail G F P C () () Approach Guardrail G F P C () () Approach Guardrail G F P C () () Approach Guardrail Terminal G F P C () () SIGNING FOR UNDERPASS ROUTE INSPECTORS Vertical Clearance (<14'-6")	Guardrail and Substructure	ft. Right <u>, 5</u> ft. Left	
*Show on Sketch TRAFFIC SAFETY FEATURES FOR UNDERPASS ROUTE STANDARD SUB-STANDARD NON EXIST Pier Protection Railing or Parapet G F P C () () Approach Guardrail Transitions G F P C () () () Approach Guardrail Transitions G F P C () () () Approach Guardrail G F P C () () () Approach Guardrail Terminal G F P C () () () Approach Guardrail Terminal G F P C () () () SIGNING FOR UNDERPASS ROUTE INSPECTORS INSPECTORS Vertical Clearance (<14'-6")	*Width of Sidewalk Under Bridg	eft. Rightft. Left	
STANDARD SUB-STANDARD NON EXIST Pier Protection Railing or Paraper G F P C () () () Approach Guardrail Transitions G F P C () () () Approach Guardrail G F P C () () () Approach Guardrail G F P C () () () Approach Guardrail Terminal G F P C () () () SIGNING FOR UNDERPASS ROUTE VES VES NO VES NO NO NO 1 Narrow Passage YES VES NO NO NEEDED 1	*Minimum Vertical Clearance:	ftin.	
STANDARD SUB-STANDARD NON EXIST Pier Protection Railing or Parapet G F P C () () () Approach Guardrail Transitions G F P C () () () Approach Guardrail G F P C () () () Approach Guardrail G F P C () () () Approach Guardrail Terminal G F P C () () () SIGNING FOR UNDERPASS ROUTE Paddleboards YES () NO () NEEDED () INSPECTORS Vertical Clearance (<14'-6'')	*Show on Sketch		
STANDARD SUB-STANDARD NON EXIST Pier Protection Railing or Parapet G F P C () () () Approach Guardrail Transitions G F P C () () () Approach Guardrail G F P C () () () Approach Guardrail G F P C () () () Approach Guardrail Terminal G F P C () () () SIGNING FOR UNDERPASS ROUTE Paddleboards YES () NO () NEEDED () INSPECTORS Vertical Clearance (<14'-6'')		FOR UNDERPASS ROUTE	
Pier Protection Railing or Parapet G F P C () () () Approach Guardrail Transitions G F P C () () () Approach Guardrail G F P C () () () Approach Guardrail G F P C () () () Approach Guardrail Terminal G F P C () () () SIGNING FOR UNDERPASS ROUTE Paddleboards YES () NO () NEEDED () INSPECTORS Vertical Clearance (<14'-6")	TRAFFIC SAFETT TEATORED		
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Approach Guardrail G F P C () () () Approach Guardrail G F P C () () () Approach Guardrail Terminal G F P C () () () SIGNING FOR UNDERPASS ROUTE Paddleboards YES () NO () NEEDED () INSPECTORS Vertical Clearance (<14'-6")	-		
Approach Guardrail G F P C () () () SIGNING FOR UNDERPASS ROUTE Paddleboards YES () NO () NEEDED () INSPECTORS Vertical Clearance (<14'-6")			
Signing For Underpass Route NO () NEEDED () INSPECTORS Paddleboards YES () NO () NEEDED () Inspectors Vertical Clearance (<14'-6")			
Paddleboards YES () NO () NEEDED () INSPECTORS Vertical Clearance (<14'-6")	Approach Guardrail Termina		
Paddleboards TES () NO () NEEDED () Vertical Clearance (<14'-6")	SIGNING FOR UNDERPASS		
Narrow Passage YES () NO () NEEDED () 1. One Lane Passage YES () NO () NEEDED () 2. Other Underpass Signs Needed 3.	Paddleboards	YES () NO () NEEDED () <u>INSPECTORS</u>	
Narrow Passage YES () NO () NEEDED () 2. One Lane Passage YES () NO () NEEDED () 3. Other Underpass Signs Needed 4.	Vertical Clearance (<14'-6")		
One Lane Passage YES () NO () NEEDED () 2.	Narrow Passage		
Other Underpass Signs Needed 4.	-	YES () NO () NEEDED ()	
4	-	eded	
		4	
		6.	

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INSPECT	ION REPORT FOR UNDERPASS ROUTE Page No
	Field Report No. Date Previous Report No. Date
102400109	15.45 79 - 10240 - 1533
en Digit No.	Co. Route Log Mile under Co. Route Log Mile
ROAD	or or <u></u>
lƙway	Co. Route Log Mile Co. Route Log Mile
nelby	Structure Name (If Named)
d 1959	
· ·	Year Rehabilitated

(*.* ft. unless otherwise noted) GEOMETRIC FEATURES UNDER BRIDGE LEFT RDWY () RIGHT RDWY () N.A. (X) Kamp Divided Highway INDUZ CONSTRUCTION CONCRETE () ASPHALT (X) GRAVEL () Type of Wearing Surface ft. (Does Not Include Shoulders) /ユ Width of Approach Traveled Roadway ft. Width of Median if Divided Highway 0 コ.タ ft. Left ft. Right Approach Shoulder Width ft. in. *Horizontal Clearance Under Bridge *Distance Between Pier Protection Guardrail and Substructure 5 ft. Right ft. Left ft. Left ft. Right *Width of Sidewalk Under Bridge ft. *Minimum Vertical Clearance: in. *Show on Sketch

TRAFFIC SAFETY FEATURES FOR UNDERPASS ROUTE

Page 1 of 2 Form BIR 3.0A (Rev. 9-22-98)

DT-1443

County

Year Widened

Bridge No. 79102400109

Railroad/Walkway

Year Constructed 1959

SOUTHERN RAILROAD

Eleven Digit No.

Shelby

		<u>STANDARD</u>	SUB-STANDAR	NON EXIST
Pier Protection Railing or Parap Approach Guardrail Transitions Approach Guardrail Approach Guardrail Terminal		() () ()	() () ()	() () ()
Vertical Clearance (<14'-6") Narrow Passage	YES () NO () YES () NO () YES () NO () YES () NO ()	NEEDED (NEEDED (NEEDED (NEEDED () 1) 2 3 4	ECTORS
		·	5 6	

										Page	No
Form BIR 3.0A (Conti	inued)								Dat	te	
(Rev. 9-22-98)	,			15.45							
DT-1443 _	79 -	I0240		532	-	over/	79	- IO	240 -	1533	
	Co.	Route	L	og Mile		under	Co.	Ro	ute	Log Mile	
SOUTHERN RAILROAD		or		•			or			-	
			Co.	Route	Log Mi	е	С	0.	Route	Log N	Vile
Other Signs or Plaque	es:										
5											
					<u> </u>						
Comments Regardin	•••										
Problems with Signir	ig:										
BRIDGE FEATURES	<u>3</u> (*.* ft	' .)									
Bridge Skew 90	0										
Structure Type (Mair	i Span)	STE	EL I. I	BEAM	·	No. M	ain Spa	ans	6		
Structure Type (App	.Spans	s)				No. Ap	pr. Spa	ans			
Maximum Span Leng	gth			(ft.)	Total Le	ngth			(ft.)		
Width of Bridge Out-	to-Out			(ft.)	Right A	ngle to C	Centerli	ine o	f Bridg	e)	
Width of Bridge Alon	g Skev	/		(ft.)	(If Unab				-		
Number of Lanes/Tra	acks or	Bridge	Э	2	Angle to	Center	line of	Brid	ge)		
	NJ.	G	FF	- ' C							
BRIDGE CONDITIO	<u>: או</u>	G	r r								
Does Potential Exist	for Ele	ments	from	Bridge F	alling on I	Roadwag	y Bene	ath	YE	S() NO) (

senting Sing

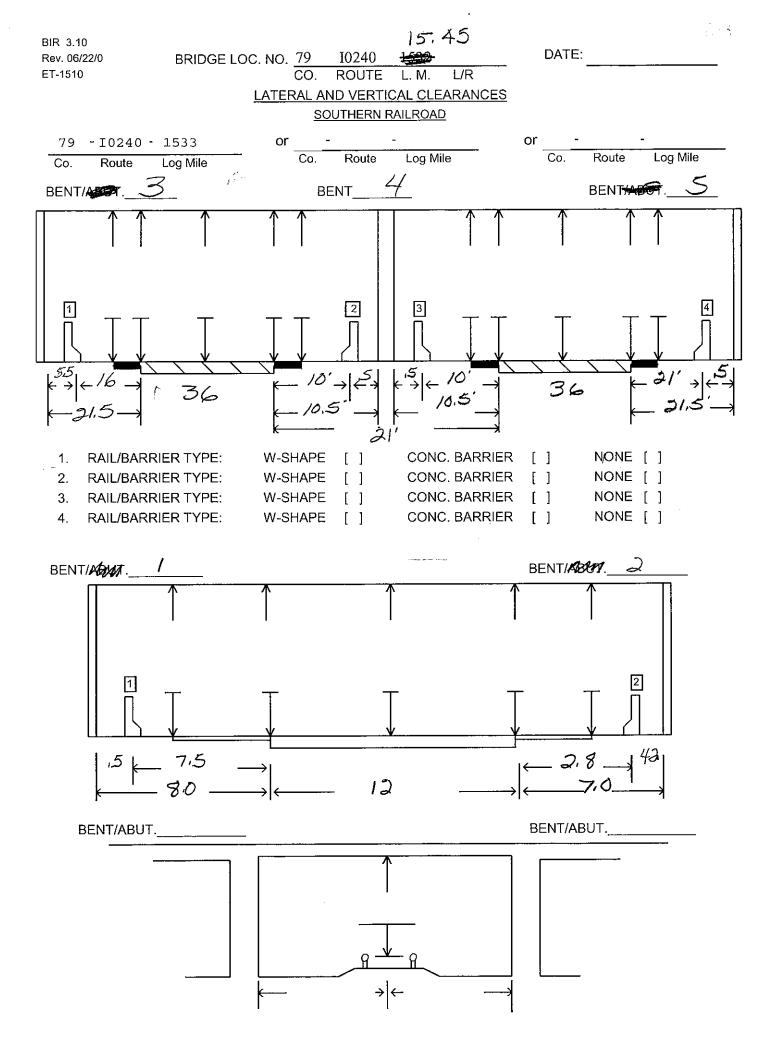
Does Potential Exist Because of Deteriorated Condition or Failure of Major Member YES () NO ()

Comment on any Conditions of Bridge that would Effect Roadway Beneath:

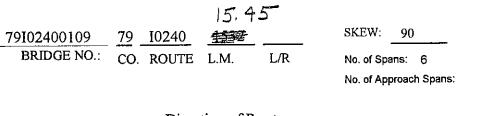
Note: If Underpass Route is Divided Highway, Use Two of These Forms, One for Each Roadway.

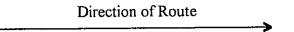
MINIMUM PICTURES REQUIRED

- 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

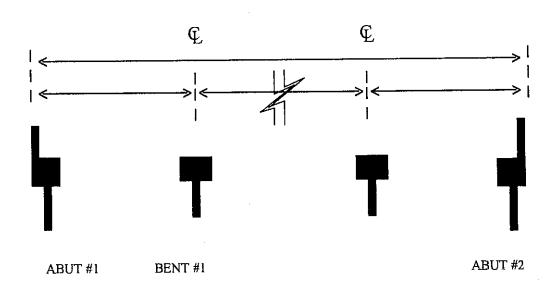


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F = FIXED E = EXPANSION S = SIMPLE C = CONTINUOUS



SIDE OF BRIDGE