

**SHELBY COUNTY**

**79-I0240-15.45**

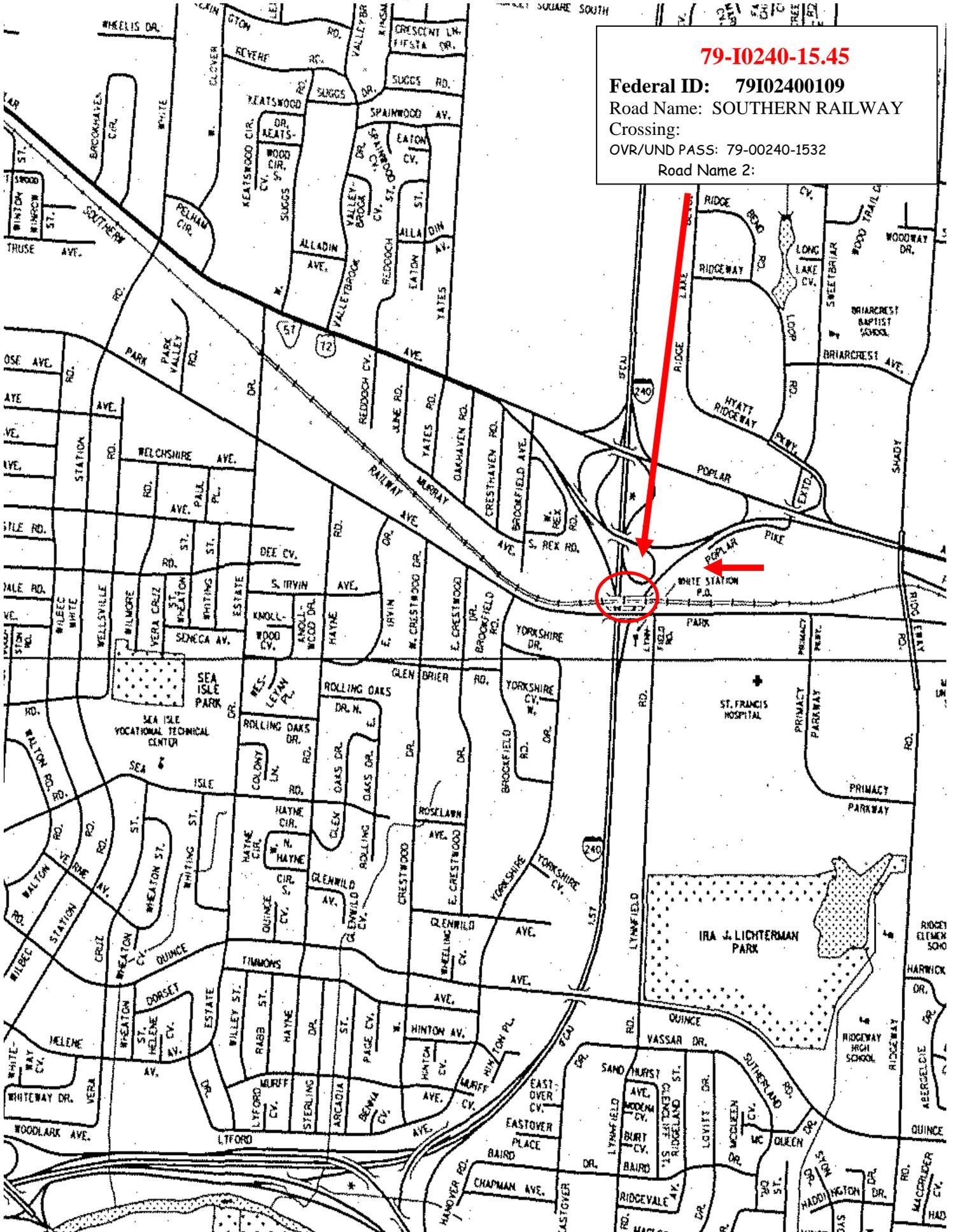
**Federal ID: 79I02400109**

**Road Name: SOUTHERN RAILWAY**

**Crossing:**

**OVR/UND PASS: 79-00240-1532**

**Road Name 2:**



**BRIDGE MAINTENANCE RECOMMENDATIONS**



Tennessee Department  
of Transportation

COUNTY: SHELBY

LOCATION: 79-I0240-15.45-

CO. SEQ.: 1 SPEC. CASE: 0

MILEPOST: 15.71

CROSSING: NORFOLK SOU RR / I-240

FED. BRIDGE NO.: 79I02400109

MAINT. DIST.: 79

REPAIR LIST NO.: 2

DATE ADDED: 09/29/1999

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: _____			
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:	_____
PPRM PIN NUMBER:	_____	SUFFICIENCY RATING:	_____
H TRUCK RATING @ INV.:	_____ TONS		

**SUGGESTED ROUTINE MAINTENANCE AND COMMENTS**  
BRIDGE UNDER CONSTRUCTION AT TIME OF INSPECTION

**GENERAL COMMENTS:**

# Underpass Only\* Condition Coding Form

Revised 02/21/2013

Bridge Number: 79I02400109A  
(Includes Item 5A)

County: 79

Route: I0240

Special Case: 0

County Sequence: 1

Feature Intersected: NORFOLK SOU RR / I-240

Log Mile: 15.45

**CODE ONLY THOSE VALUES WHICH HAVE CHANGED**

ITEM #	DESCRIPTION	VALUE	UNDERPASS SAFETY FEATURES
90	INSPECTION DATE	<b>02/19/2013</b>	
	EARLIEST DATE OF NEXT REGULAR INSPECTION	<b>12/21/2014</b> ____ / ____ / ____	
10	MINIMUM V.C. OVER DECK (ROADWAY + SHOULDERS)	15 FT. 5 IN. ____ FT. ____ IN.	515 (A) TYPE UNDERPASS BARRIER COMBINATION OF METAL & CONCRETE BARRIER OR RAIL <hr/> Revised Barrier Type
520	MINIMUM V.C. OVER DECK (EXCLUDES SHOULDERS)	15 FT. 5 IN. ____ FT. ____ IN.	(B) ADEQUACY OF BARRIER OR RAIL <u>0</u>
47	TOTAL HORIZONTAL UNDERCLEARANCE	67 FT. 6 IN. ____ FT. ____ IN.	(C) ADEQUACY OF TRANSITIONS <u>0</u>
	* Use when no overhead vehicular traffic bridge exists. Items 55 and 56 do not apply.		(D) ADEQUACY OF TERMINALS <u>1</u>
554	VERTICAL CLEARANCE LISTED ON HEIGHT POSTING	16 FT. IN. ____ FT. ____ IN.	17 LONGITUDE W 89° 52.1733'
			YES [ ]
521	OVERALL CONDITION	FAIR _____	HEIGHT POSTED AT 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 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
TEAM LEADER SIGNATURE

\_\_\_\_\_  
REVIEW DATE

**BRIDGE MAINTENANCE RECOMMENDATIONS**



Tennessee Department  
of Transportation

COUNTY: SHELBY  
LOCATION: 79-I0240-15.44-  
CO. SEQ.: 1 SPEC. CASE: 0  
MILEPOST: 15.7

CROSSING: NS RR / I-240 EX. RAMP  
FED. BRIDGE NO.: 79I02400109  
MAINT. DIST.: 79

REPAIR LIST NO.: N  
DATE ADDED:  
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):	190
BRIDGE WIDTH (OUT TO OUT):	N/A FT 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:	02/19/2013	GENERAL CONDITION:	FAIR
EVALUATION DATE:	04/04/2011	STRUCTURALLY DEFICIENT:	
PPRM PIN NUMBER:		SUFFICIENCY RATING:	
H TRUCK RATING @ INV.:	TONS		

**SUGGESTED ROUTINE MAINTENANCE AND COMMENTS**  
SEE BR. NO. 79-I0240-15.45 (79I02400109A) FOR RECOMMENDATIONS

**GENERAL COMMENTS:**

# Underpass Only\* Condition Coding Form

Bridge Number: 79I02400109B  
(Includes Item 5A)

Feature Intersected: NS RR / I-240 EX. RAMP

County: 79

Route: I0240

Special Case: 0

County Sequence: 1

Log Mile: 15.44

**CODE ONLY THOSE VALUES WHICH HAVE CHANGED**

ITEM #	DESCRIPTION	VALUE	UNDERPASS SAFETY FEATURES
90	INSPECTION DATE	<b>02/19/2013</b>	
	EARLIEST DATE OF NEXT REGULAR INSPECTION	<b>12/21/2014</b> ____ / ____ / ____	
10	MINIMUM V.C. OVER DECK (ROADWAY + SHOULDERS)	13 FT. 11 IN. ____ FT. ____ IN.	515 (A) TYPE UNDERPASS BARRIER COMBINATION OF METAL & CONCRETE BARRIER OR RAIL <hr/> Revised Barrier Type
520	MINIMUM V.C. OVER DECK (EXCLUDES SHOULDERS)	13 FT. 11 IN. ____ FT. ____ IN.	(B) ADEQUACY OF BARRIER OR RAIL <u>0</u>
47	TOTAL HORIZONTAL UNDERCLEARANCE	27 FT. 0 IN. ____ FT. ____ IN.	(C) ADEQUACY OF TRANSITIONS <u>0</u>
	* Use when no overhead vehicular traffic bridge exists. Items 55 and 56 do not apply.		(D) ADEQUACY OF TERMINALS <u>0</u>
554	VERTICAL CLEARANCE LISTED ON HEIGHT POSTING	16	17
	13 FT. 9 IN. ____ FT. ____ IN.	LATITUDE N 35° 5.9983'	LONGITUDE W 89° 52.1733'
521	OVERALL CONDITION	FAIR	HEIGHT POSTED AT BOTH APPROACHES? YES [ ] 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 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
TEAM LEADER SIGNATURE

\_\_\_\_\_  
REVIEW DATE

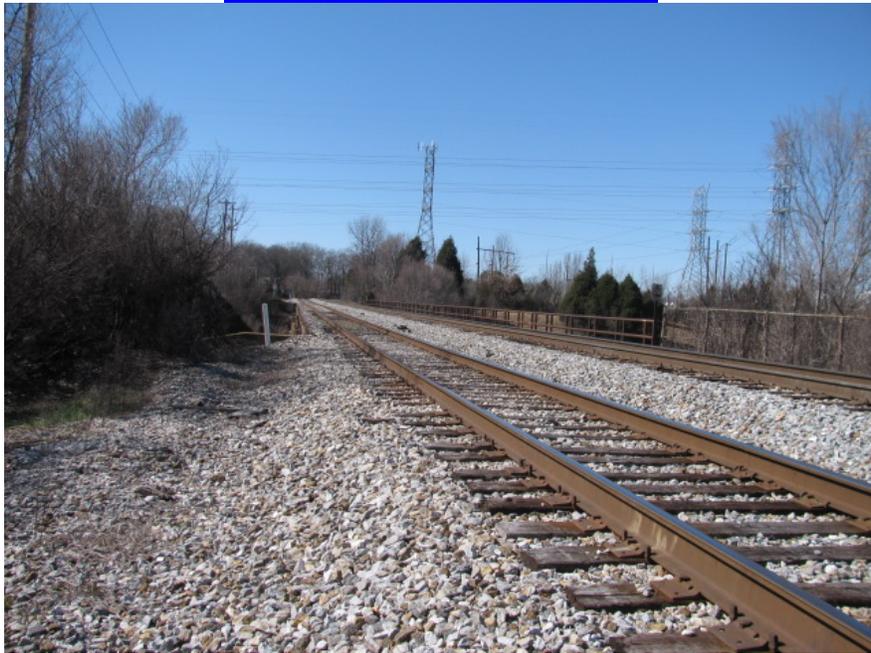
# Photographs

Bridge ID#: 79-I0240-15.45

Date: 02/19/2013



OPPOSITE DIRECTION OF ROUTE



DIRECTION OF ROUTE

# Photographs

Bridge ID#: 79-I0240-15.45

Date: 02/19/2013



BRIDGE NUMBER



LEFT ELEVATION(TRAFFIC UNDER SPAN 2&3)

# Photographs

Bridge ID#: 79-I0240-15.45

Date: 02/19/2013



LEFT ELEVATION(TRAFFIC UNDER SPAN 2&3)



LEFT ELEVATION(TRAFFIC UNDER SPAN 2&3)

# Photographs

Bridge ID#: 79-I0240-15.45

Date: 02/19/2013



RIGHT ELEVATION(TRAFFIC UNDER SPAN 2&3)



RIGHT ELEVATION(TRAFFIC UNDER SPAN 2&3)

# Photographs

Bridge ID#: 79-I0240-15.45

Date: 02/19/2013



RIGHT ELEVATION(TRAFFIC UNDER SPAN 2&3)

# BRIDGE INSPECTION REPORT

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

Field Report No. 21 Date 2/19/13  
Previous Report No. 20 Date 3/29/11  
Co Seq: 01 Plans: YES (  ) NO (  )

Bridge No. 79I02400109 Bridge Location No. 79 - I0240 - 1545 79 - I0240 - 1544 B  
Eleven Digit No. Co. Route Log Mile OVER/UNDER PASS

UNDER SOUTHERN RAILROAD  
Road Name \_\_\_\_\_ Feature Intersected \_\_\_\_\_ CITY \_\_\_\_\_  
Year Constructed 1959 County SHELBY Maint. Dist.: 45 Maint.Resp: 01  
Year Widened \_\_\_\_\_ Year Rehabilitated \_\_\_\_\_

FEATURES		R.R.	Structure Name (If Named)	INSPECTORS	
Wearing Surface	Concrete ( ) Timber ( ) Asphalt ( )	Depth _____ (in.)		1.	<u>MOORE</u>
Flared Width	Yes ( ) No ( )	Median Width	Open ( ) None ( ) Closed ( )	2.	<u>LANE</u>
Navigational Control	Yes ( ) No ( )	Bridge Skew	<u>90</u> ° LT ( ) RT ( )	3.	<u>GREEN</u>
Structure Type (Main Span)	<u>STEEL I. BEAM</u>			4.	<u>OSGONE</u>
Structure Type (Appr.Spans)	_____			5.	_____
No. Main Spans	<u>6</u>	No. Approach Spans	_____	6.	_____
Maximum Span Length	_____ (**. * ft.)			7.	_____
Total Length	_____ (**. * ft.)			8.	_____

WIDTHS (\*. \* ft.)  
 Deck Out-to-Out \_\_\_\_\_  
 Roadway Curb/Curb \_\_\_\_\_  
 Roadway Rail/Rail \_\_\_\_\_  
 Sidewalk Rt. \_\_\_\_\_ Lt. \_\_\_\_\_  
 \*Approach Roadway \_\_\_\_\_  
 \*(Does Not Include Shoulders)  
 Approach Shoulder Rt. \_\_\_\_\_  
 Lt. \_\_\_\_\_

CLEARANCES UNDER CONSTRUCTION  
 Min. Vertical Clearance over Deck \_\_\_\_\_ (ft.-in.)  
 Min. Vertical Under Clearance \_\_\_\_\_ (ft.-in.)  
 Min. Lateral Under Clearance Rt. \_\_\_\_\_ (\*. \* ft.)  
 Min. Lateral Under Clearance Lt. \_\_\_\_\_ (\*. \* ft.)  
 FRACTURE CRITICAL: \_\_\_\_\_  
 (If Yes, Include BIR 3.9)  
 NBIS Bridge Length (<25 ft.) \_\_\_\_\_ (ft.-in.)

UNDERWATER INSPECTION  
 To Be Performed By: \_\_\_\_\_ Date \_\_\_\_\_  
 DOT FIELD TEAM ( ) CONTRACT DIVERS ( ) NONE REQUIRED ( )  
 Change in Structural Condition: Yes ( ) No ( ) Major Repairs Made: Yes ( ) No ( )

COMMENTS: CLEARANCE ONLY

N35 ° 5.9983  
W89 ° 52.1733  
G.P.S. Location

UNDERPASS ROUTE IS UNDER CONSTRUCTION

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

Supervising Bridge Inspector *Ronnie W. Moore*

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  PONTIS: YES  NO

# INSPECTION REPORT FOR UNDERPASS ROUTE

Form BIR 3.0A

Field Report No. \_\_\_\_\_

Date \_\_\_\_\_

(Rev. 9-22-98)

Previous Report No. \_\_\_\_\_

Date \_\_\_\_\_

DT-1443

Bridge No. 79102400109

Eleven Digit No.

79 - I0240 - ~~1532~~

Co.

Route

Log Mile

over/  
under

79 - I0240 - 1533

Co.

Route

Log Mile

SOUTHERN RAILROAD

Railroad/Walkway

or

Co.

Route

Log Mile

or

Co.

Route

Log Mile

County Shelby

Structure Name (If Named) \_\_\_\_\_

Year Constructed 1959

Year Widened \_\_\_\_\_

Year Rehabilitated \_\_\_\_\_

## GEOMETRIC FEATURES UNDER BRIDGE (\*. \* ft. unless otherwise noted)

Divided Highway LEFT RDWY () RIGHT RDWY ( ) N.A. ( )

Type of Wearing Surface CONCRETE ( ) ASPHALT () GRAVEL ( )

*UNDER CONSTRUCTION*

Width of Approach Traveled Roadway 36 ft. (Does Not Include Shoulders)

Width of Median if Divided Highway 26 ft.

Approach Shoulder Width 9 ft. Right 10 ft. Left

\*Horizontal Clearance Under Bridge 67 ft. \_\_\_\_\_ in.

\*Distance Between Pier Protection Guardrail and Substructure .5 ft. Right .5 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

		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 Terminal	G F P C	( )	( )	( )

## SIGNING FOR UNDERPASS ROUTE

Paddleboards YES ( ) NO ( ) NEEDED ( )

Vertical Clearance (<14'-6") YES ( ) NO ( ) NEEDED ( )

Narrow Passage YES ( ) NO ( ) NEEDED ( )

One Lane Passage YES ( ) NO ( ) NEEDED ( )

Other Underpass Signs Needed \_\_\_\_\_

### INSPECTORS

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

Form BIR 3.0A (Rev. 9-22-98) DT-1443  
 Field Report No. \_\_\_\_\_ Date \_\_\_\_\_  
 Previous Report No. \_\_\_\_\_ Date \_\_\_\_\_

Bridge No. 79I02400109 79 - I0240 - 1533 <sup>15.45</sup> over/under 79 - I0240 - 1533  
 Eleven Digit No. Co. Route Log Mile Co. Route Log Mile  
 SOUTHERN RAILROAD or - - or - -  
 Railroad/Walkway Co. Route Log Mile Co. Route Log Mile  
 County Shelby Structure 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. ( )  
 Type of Wearing Surface CONCRETE ( ) ASPHALT ( ) GRAVEL ( ) **UNDER CONSTRUCTION**  
 Width of Approach Traveled Roadway 36 ft. (Does Not Include Shoulders)  
 Width of Median if Divided Highway 26 ft.  
 Approach Shoulder Width 16 ft. Right 10 ft. Left  
 \*Horizontal Clearance Under Bridge 67 ft. 0 in.  
 \*Distance Between Pier Protection Guardrail and Substructure 6 ft. Right .5 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**

		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 Terminal	G F P C ( )	( )	( )	( )

**SIGNING FOR UNDERPASS ROUTE**

Paddleboards YES ( ) NO ( ) NEEDED ( )  
 Vertical Clearance (<14'-6") YES ( ) NO ( ) NEEDED ( )  
 Narrow Passage YES ( ) NO ( ) NEEDED ( )  
 One Lane Passage YES ( ) NO ( ) NEEDED ( )  
 Other Underpass Signs Needed \_\_\_\_\_  
 \_\_\_\_\_

**INSPECTORS**  
 1. \_\_\_\_\_  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_  
 5. \_\_\_\_\_  
 6. \_\_\_\_\_

# INSPECTION REPORT FOR UNDERPASS ROUTE

Form BIR 3.0A  
(Rev. 9-22-98)  
DT-1443

Field Report No. \_\_\_\_\_ Date \_\_\_\_\_  
Previous Report No. \_\_\_\_\_ Date \_\_\_\_\_

Bridge No. 79I02400109 79 - I0240 - ~~1533~~ <sup>15.45</sup> over/under 79 - I0240 - 1533  
 Eleven Digit No. Co. Route Log Mile Co. Route Log Mile  
 SOUTHERN RAILROAD or - - or - -  
 Railroad/Walkway Co. Route Log Mile Co. Route Log Mile  
 County Shelby Structure Name (If Named) \_\_\_\_\_  
 Year Constructed 1959  
 Year Widened \_\_\_\_\_ Year Rehabilitated \_\_\_\_\_

### GEOMETRIC FEATURES UNDER BRIDGE

(\* ft. unless otherwise noted)

Divided Highway LEFT RDWY ( ) RIGHT RDWY ( ) N.A. (X) Ramp UNDER CONSTRUCTION  
 Type of Wearing Surface CONCRETE ( ) ASPHALT (X) GRAVEL ( )  
 Width of Approach Traveled Roadway 12 ft. (Does Not Include Shoulders)  
 Width of Median if Divided Highway 0 ft.  
 Approach Shoulder Width 7.5 ft. Right 2.8 ft. Left  
 \*Horizontal Clearance Under Bridge 21 ft. 0 in.  
 \*Distance Between Pier Protection Guardrail and Substructure .5 ft. Right 4.2 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

		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 Terminal	G F P C	( )	( )	( )

### SIGNING FOR UNDERPASS ROUTE

Paddleboards YES ( ) NO ( ) NEEDED ( )  
 Vertical Clearance (<14'-6") YES ( ) NO ( ) NEEDED ( )  
 Narrow Passage YES ( ) NO ( ) NEEDED ( )  
 One Lane Passage YES ( ) NO ( ) NEEDED ( )  
 Other Underpass Signs Needed

### INSPECTORS

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

Form BIR 3.0A (Continued)

Date \_\_\_\_\_

(Rev. 9-22-98)

DT-1443

79 - I0240 - ~~1533~~ 15.45  
Co. Route Log Mile

over/  
under

79 - I0240 - 1533  
Co. Route Log Mile

SOUTHERN RAILROAD

or - -  
Co. Route Log Mile

or - -  
Co. Route Log Mile

Other Signs or Plaques: \_\_\_\_\_

Comments Regarding any Problems with Signing: \_\_\_\_\_

**BRIDGE FEATURES** (\*.\* ft.)

Bridge Skew 90 °

Structure Type (Main Span) STEEL I. BEAM No. Main Spans 6

Structure Type (Appr. Spans) \_\_\_\_\_ No. Appr. Spans \_\_\_\_\_

Maximum Span Length \_\_\_\_\_ (ft.) Total Length \_\_\_\_\_ (ft.)

Width of Bridge Out-to-Out \_\_\_\_\_ (ft.) Right Angle to Centerline of Bridge

Width of Bridge Along Skew \_\_\_\_\_ (ft.) (If Unable to Measure at Right Angle to Centerline of Bridge)

Number of Lanes/Tracks on Bridge 2

**BRIDGE CONDITION:** G F P C

Does Potential Exist for Elements from Bridge Falling on Roadway Beneath YES ( ) NO ( )

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

15.45

BRIDGE LOC. NO. 79 I0240 ~~1533~~

CO. ROUTE L. M. L/R

LATERAL AND VERTICAL CLEARANCES

SOUTHERN RAILROAD

DATE: \_\_\_\_\_

79 - I0240 - 1533

Co. Route Log Mile

or \_\_\_\_\_

Co. Route Log Mile

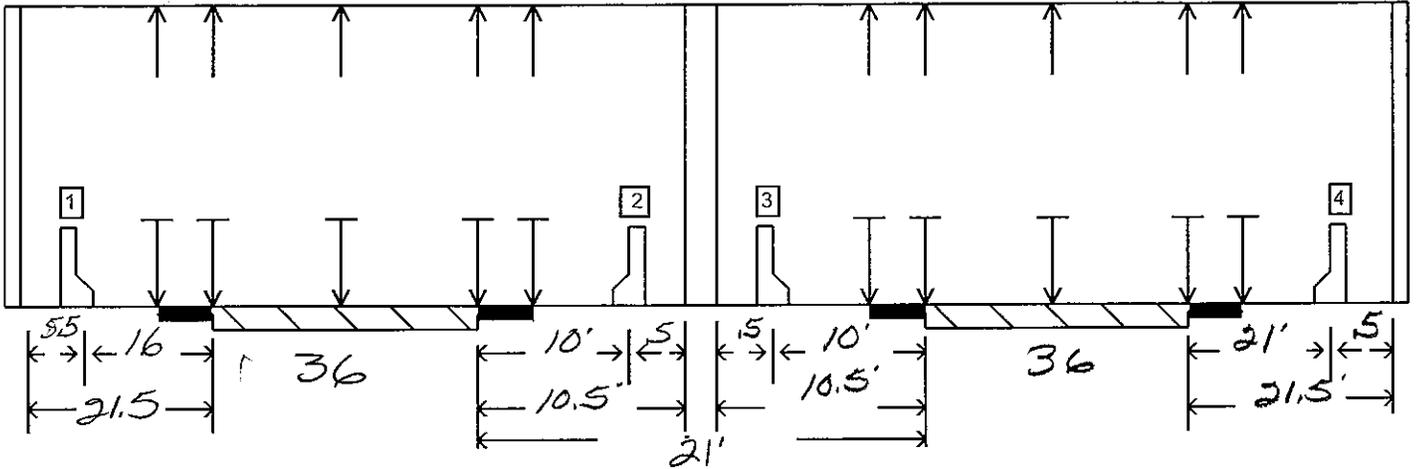
or \_\_\_\_\_

Co. Route Log Mile

BENT/ABUT. 3

BENT 4

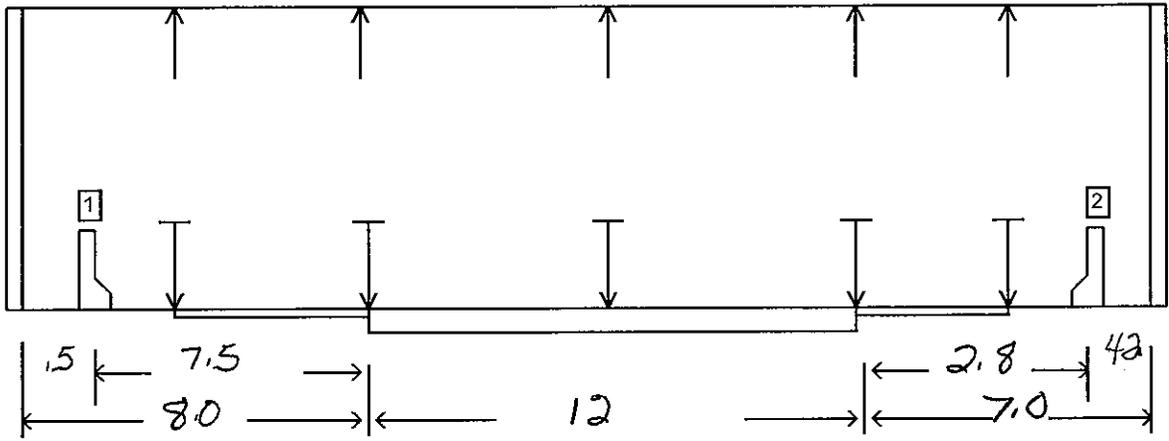
BENT/ABUT. 5



- |                       |             |                   |          |
|-----------------------|-------------|-------------------|----------|
| 1. RAIL/BARRIER TYPE: | W-SHAPE [ ] | CONC. BARRIER [ ] | NONE [ ] |
| 2. RAIL/BARRIER TYPE: | W-SHAPE [ ] | CONC. BARRIER [ ] | NONE [ ] |
| 3. RAIL/BARRIER TYPE: | W-SHAPE [ ] | CONC. BARRIER [ ] | NONE [ ] |
| 4. RAIL/BARRIER TYPE: | W-SHAPE [ ] | CONC. BARRIER [ ] | NONE [ ] |

BENT/ABUT. 1

BENT/ABUT. 2



BENT/ABUT. \_\_\_\_\_

BENT/ABUT. \_\_\_\_\_

