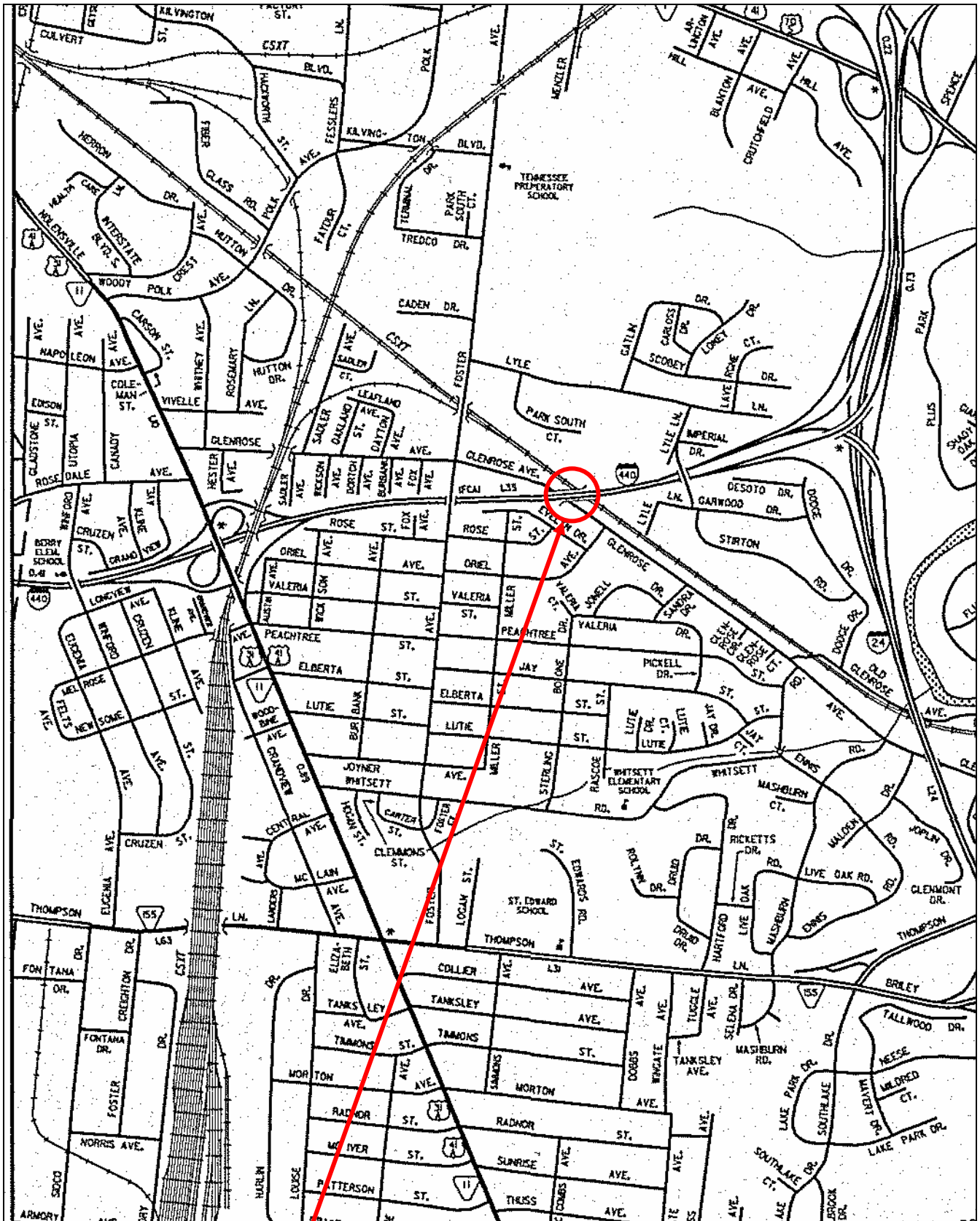


DAVIDSON COUNTY



19I04400054
19-10440-7.04 LT
10440 LL/GLENROSE AVE & CSX RR

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §409
And its production pursuant to a public
document records request does not
waive the provisions of §409

BRIDGE MAINTENANCE RECOMMENDATIONS



Tennessee Department
of Transportation

COUNTY: DAVIDSON
 LOCATION: 19-I0440-07.04-L
 CO. SEQ.: 1 SPEC. CASE: 0
 MILEPOST: 6.89

CROSSING: I440-LL/GLENROSE AVE CSX
 FED. BRIDGE NO.: 19I04400054
 MAINT. DIST.: 19

REPAIR LIST NO.: N
 DATE ADDED: 10/21/2002
 REVISED: 03/09/2016

FACILITY CARRIED:	I440	NUMBER OF MAIN SPANS:	4
HIGHWAY SYSTEM:	02-INTERSTATE URBAN	NUMBER OF APPROACH SPANS:	0
BRIDGE WIDTH (CURB TO CURB):	49 FT 10 IN	BRIDGE LENGTH (FT):	357
BRIDGE WIDTH (OUT TO OUT):	51 FT 10 IN	MAXIMUM SPAN LENGTH (FT):	110
APPROACH ROADWAY (W/SHOULDERS):	43 FT 11 IN	SKEW ANGLE (DEGREES):	41
MAINTAINED BY:	STATE HIGHWAY AGENCY		
MAIN SPAN MATERIAL:	STEEL CONTINUOUS		
MAIN SPAN DESIGN TYPE:	STRINGER/MULTI-BEAM OR GIRDER		
APPROACH SPAN MATERIAL:	OTHER OR NOT APPLICABLE		
APPROACH SPAN DESIGN TYPE:	OTHER OR NOT APPLICABLE		
INSPECTION DATE:	03/09/2016	GENERAL CONDITION:	FAIR
EVALUATION DATE:	05/08/2014	STRUCTURALLY DEFICIENT:	NO
PPRM PIN NUMBER:		SUFFICIENCY RATING:	82.0
H TRUCK RATING @ INV.:	20 TONS		

No.	RECOMMENDATIONS	REPAIR DATE	REPAIRED BY
1.	REPAIR APPROACH PAVEMENT		
2.	REPAIR APPROACH EMBANKMENT AND DRAIN AT "A" END LEFT SIDE		

SUGGESTED ROUTINE MAINTENANCE AND COMMENTS
 REPAIR EROSION AT ABUTMENT #2 EMBANKMENT LEFT SIDE
 SEAL CRACKS IN DECK PANELS

GENERAL COMMENTS:

PRODUCED PURSUANT TO
 PUBLIC RECORDS REQUEST
 This document is covered by 23 USC §409
 And its production pursuant to a public
 document records request does not
 waive the provisions of §409



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

Bridge Condition Coding Form

Revised 03/09/2016

Bridge Number: 19I044000541
(Includes Item 5A)

Feature Intersected: I440-LL/GLENROSE AVE CSX

Evaluation Status: CONDITION ITEM CHANGE

County: 19

Route: I0440

Special Case: 0

County Sequence: 1

Log Mile: 7.04

CODE ONLY THOSE VALUES WHICH HAVE CHANGED

ITEM #	DESCRIPTION	VALUE	CONDITION CODING GUIDELINES
90	LAST INSPECTION DATE	03/09/2016	(Values for Coding Items 58, 59, 60 and 62)
	EARLIEST DATE OF NEXT REGULAR INSPECTION	01/08/2018	
		<u> </u> / <u> </u> / <u> </u>	
10	MINIMUM V.C. OVER DECK (ROADWAY + SHOULDERS)	99 FT. 99 IN.	N NOT APPLICABLE
520	MINIMUM V.C. OVER DECK (EXCLUDES SHOULDERS)	99 FT. 99 IN.	9 EXCELLENT CONDITION
36	TRAFFIC SAFETY FEATURES		8 VERY GOOD CONDITION - NO PROBLEMS NOTED.
	Br. Rail	1	7 GOOD CONDITION - SOME MINOR PROBLEMS.
	Trans.	0	6 SATISFACTORY CONDITION - MINOR DETERIORATION OF STRUCTURAL ELEMENTS.
	Appr. Rail	0	5 FAIR CONDITION - ALL PRIMARY STRUCTURAL ELEMENTS ARE SOUND BUT MAY HAVE MINOR SECTION LOSS, CRACKING, SPALLING OR SCOUR.
	Terminal	N	4 POOR CONDITION - ADVANCED SECTION LOSS, DETERIORATION, SPALLING OR SCOUR.
	SPEED LIMIT	55	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.
41	STRC OPEN/CLOSED/POSTED	A	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.
	A K P		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.
58	DECK	6	0 FAILED CONDITION - OUT OF SERVICE AND BEYOND CORRECTIVE ACTION.
59	SUPERSTRUCTURE	7	
60	SUBSTRUCTURE	7	
61	CHANL/CHANL PROTECTION	N	
62	CULVERT AND RETAIN WALL	N	
71	WATERWAY ADEQUACY	N	
72	APPROACH RDWY ALIGNMENT	8	
521	OVERALL CONDITION	FAIR	
16	LATITUDE	N 36° 7.4000'	
17	LONGITUDE	W 86° 44.4000'	

TEAM LEADER SIGNATURE

REVIEW DATE

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §409
And its production pursuant to a public
document records request does not
waive the provisions of §409

Photographs

Bridge ID#: 19I04400054

Date: 03/09/2016



APPROACH "A" - WBL



VIEW ACROSS TOP OF WEARING SURFACE WBL

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §409
And its production pursuant to a public
document records request does not
waive the provisions of §409

Photographs

Bridge ID#: 19I04400054

Date: 03/09/2016



APPROACH "B" - WBL



CLEARANCE VIEW RT. SIDE

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §409
And its production pursuant to a public
document records request does not
waive the provisions of §409

Photographs

Bridge ID#: 19I04400054

Date: 03/09/2016



CLEARANCE VIEW RT. SIDE



VIEW LOOKING SE ON GLENROSE AVE.

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §409
And its production pursuant to a public
document records request does not
waive the provisions of §409

Photographs

Bridge ID#: 19I04400054

Date: 03/09/2016



VIEW LOOKING NW ON GLENROSE AVE.



BENT #1 - FRONT VIEW

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §409
And its production pursuant to a public
document records request does not
waive the provisions of §409

Photographs

Bridge ID#: 19I04400054

Date: 03/09/2016



ABUTMENT #1



BOTTOM OF DECK VIEW SP. #1

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §409
And its production pursuant to a public
document records request does not
waive the provisions of §409

Photographs

Bridge ID#: 19I04400054

Date: 03/09/2016



BRIDGE NO.

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §409
And its production pursuant to a public
document records request does not
waive the provisions of §409

BRIDGE INSPECTION REPORT

Page No. _____

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

Field Report No. 21 Date 3/9/2016
Previous Report No. 20 Date 3/14/2014
Plans: DESIGN

Bridge No. 19I04400054
Eleven Digit No.

Bridge Location No. 19 - I0440 - 7.04 L
Co. Route Log Mile

I440 LL over GLENROSE AVE & CSX
Road Name Crossing Structure Name (If Named)

Year Constructed 1985 ACTUAL County Davidson Maintenance District 37

Year Widened _____ Year Rehabilitated 2013

FEATURES

Wearing Surface CONCRETE Depth _____ (in.)

Flared Width NO Median Width OPEN

Navigational Control NO Bridge Skew 41° RT

Structure Type (Main Span) WPG

Structure Type (Appr.Spans) _____

No. Main Spans 4 No. Approach Spans _____

Maximum Span Length 110.2' (**.* ft.)

Total Length 356.5' (**.* ft.)

INSPECTORS

1. BILLINGSLEY TL
2. VOGEL
3. BROWN
4. LOVE
5. _____
6. _____
7. _____
8. _____

WIDTHS (*.* ft.)

Deck Out-to-Out 51.0

Roadway Curb/Curb _____

Roadway Rail/Rail 48.0

Sidewalk Rt. _____ Lt. _____

*Approach Roadway 36.0

*(Does Not Include Shoulders)

Approach Shoulder Rt. 6.0

Lt. 7.0

CLEARANCES

Min. Vertical Clearance over Deck _____ (ft.-in.)

Min. Vertical Under Clearance 21' 0" (ft.-in.)

Min. Lateral Under Clearance Rt. 14' (*.* ft.)

Min. Lateral Under Clearance Lt. _____ (*.* ft.)

FRACTURE CRITICAL: NO

(If Yes, Include BIR 3.9)

NBIS Bridge Length (<25 ft.) OVER 25' (ft.-in.)

UNDERWATER INSPECTION

To Be Performed By: N/A Date _____

Change in Structural Condition: NO Major Repairs Made: YES BRIDGE is: OPEN

COMMENTS:

Supervising Bridge Inspector: GEREMY BILLINGSLEY

BRIDGE RATING: FAIR

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §409
And its production pursuant to a public
document records request does not
waive the provisions of §409

PERFORMANCE EVALUATION

Time of Day Inspected 10:45 AM Weather Conditions PTLY CLDY 77
Vehicles Observed ALL TYPES

LIVE LOAD BEHAVIOR

Substructure	Yes/No	Comments
Horiz./ Vert. Defl.	NO	
Vibration	NO	
Superstructure		
Horiz./ Vert. Defl.	YES	MINIMAL
Vibration	YES	MINIMAL

APPROACH

	Rating	Comments
Alignment	GOOD	
Slab	NV	ANTI-SKID OVERLAY
Joints	GOOD	
Pavement	FAIR	'A' END HAS NUMEROUS A/C PATCHES & MODERATE RANDOM CRACKS
Embankment	POOR	HVY EROSION 'A' LT - 7' W X 5' DP X 25' LG @ DRAIN
Drains	POOR	'A' END LEFT HAS HVY EROSION & BROKEN CONCRETE SECTION

TRAFFIC SAFETY FEATURES

	Rating	Standard/ SubStandard	Comments
Bridgerailing	GOOD	STANDARD	
Transitions	GOOD	SUBSTANDARD	INCORRECT BLOCKOUTS
Guardrail	GOOD	SUBSTANDARD	INCORRECT BLOCKOUTS
Guardrail Terminal	N/A		

SIGNING

	Yes/ No/ Needed
Paddleboards	NO
Vertical Clearance (<14'-6")	NO
Narrow Bridge Signs	NO
One Lane Bridge Signs	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:

DECK

	Rating	Comments
Wearing Surface	GOOD	ANTI-SKID OVERLAY- 2013
Deck - Structural Condition	FAIR	PARTIAL & FULL DEPTH REPAIRS 2013. DECK PANELS SHOW HAIRLINE CRACKS SPANS #1 & #4
Curbs	NA	
Median	NA	
Sidewalks	NA	
Parapet	GOOD	RANDOM IMPACT SCRAPES, VERT. H.C.'S, LGH SCALE
Railing	NA	
Paint	NA	
Drains	NA	
Lighting Standards	GOOD	
Utilities	NA	
Joint Leakage	GOOD	
Expansion Joints	GOOD	

SUPERSTRUCTURE

Bearing Devices	GOOD	
Girders or Beams	GOOD	
Floor Beams	NA	
Stringers	NA	
Diaphragms	GOOD	
Bracing	NA	
Trusses - General	NA	
Portals	NA	
Bracing	NA	
Paint	GOOD	PAINT 2013
Alignment of Members	GOOD	

TEXTURE COAT

Condition Rating	<u>POOR</u>	Needs Spot Painting	<u>NO</u>
Overall Appearance	<u>POOR</u>	Needs Repainting	<u>YES</u>
Staining Rating	<u>POOR</u>	Comments	
Fading Rating	<u>POOR</u>		
Scaling Rating	<u>POOR</u>		

SUBSTRUCTURE

ABUTMENTS

	Rating	Comments
Caps	NA	
Breastwall	GOOD	<i>RANDOM H.C.'S ABUT #1, ABUT #2 LONGIT H. C.'S @ BM'S</i>
Wings	GOOD	
Backwall	NV	
Plumb	GOOD	
Footing	NA	
Piles	NV	
Embankment	FAIR	<i>MODERATE EROSION ABUT #2 LEFT SIDE</i>
Bearing Surface	GOOD	
Slope Paving	NA	
Rip Rap	NA	

PIERS

Caps	NA	
Columns		
Plumb		
Footings		
Piles		
Bearing Surface		

BENTS

Caps	GOOD	
Columns	GOOD	
Plumb	GOOD	
Footings	NV	
Piles	NV	
Bearing Surface	GOOD	

Piles Need Replacement: NO

Piles To Be Replaced:

SUMMARY
19-I440-7.04 LT.
3/9/2016

I440 / Glenrose Ave. & C.S.X. R.R.
4 Span / W.P.G.

This bridge was inspected and found to be in **fair** condition. Contract repairs were completed in 2013. Approach alignment and joints are good. Approach embankment is poor due to heavy erosion "A" end left which has undermined the approach drain. Approach slabs and pavement is fair due to patches and random moderate cracks. The bridgerails are good. Approach guardrail is fair due to moderate to heavy corrosion.

The anti-skid wearing surface is good. Deck structural condition is fair due to partial and full depth repairs, and hairline cracks in deck panels. Expansion devices are good.

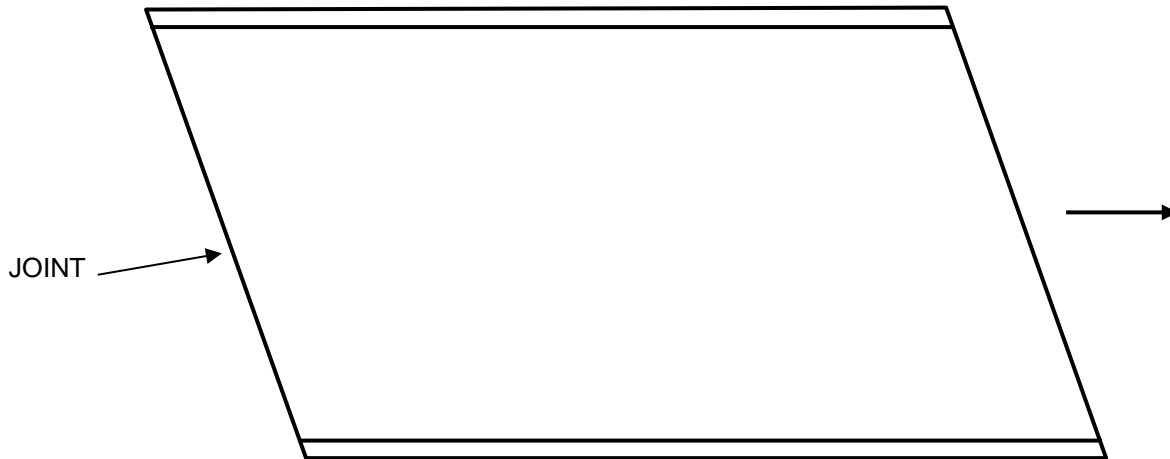
Concrete girders and bearings are in good condition. Abutments are good. Moderate embankment erosion was noted at abutment #2 left side.

Jeremy Billingsley

Top of Deck Span No. 1

Date 3/9/2016
GB

Bridge Location No. 19 I440 7.04 LT
County Route Log Mile

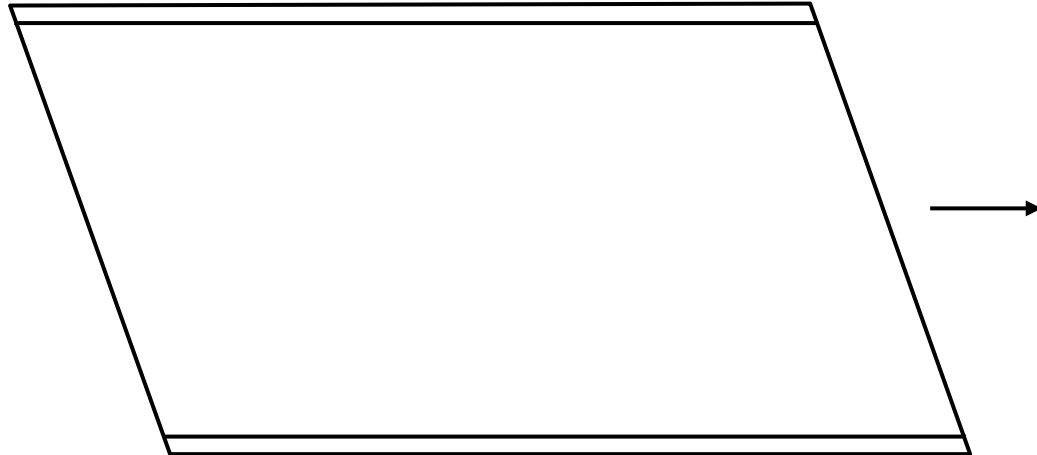


DECK	NV	ANTI-SKID OVERLAY-GOOD- (2013)
PARAPET	GOOD	RANDOM IMPACT SCRAPES
JOINT	GOOD	

Top of Deck Span No. 2

Date 3/9/2016
GB

Bridge Location No. 19 I440 7.04 LT
County Route Log Mile

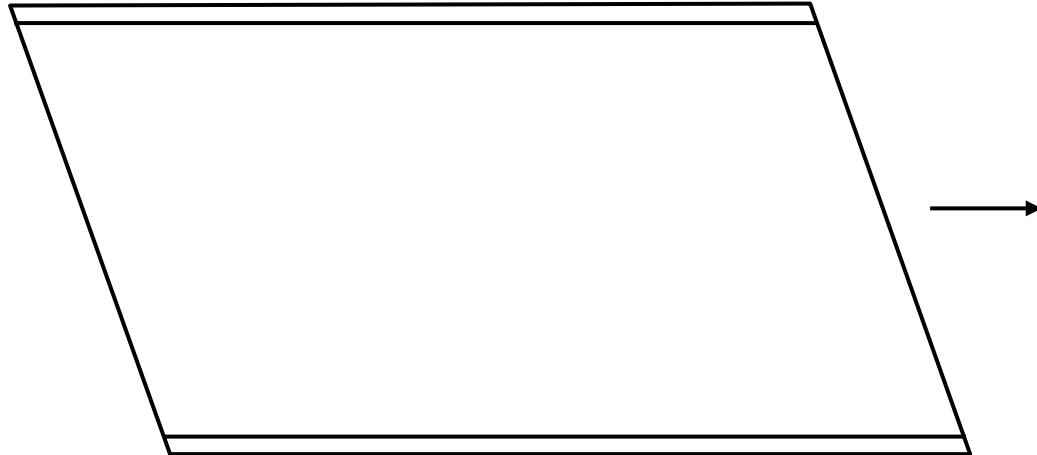


DECK	NV	ANTI-SKID OVERLAY-GOOD- (2013)
PARAPET	GOOD	RANDOM IMPACT SCRAPES

Top of Deck Span No. 3

Date 3/9/2016
GB

Bridge Location No. 19 I440 7.04 LT
County Route Log Mile

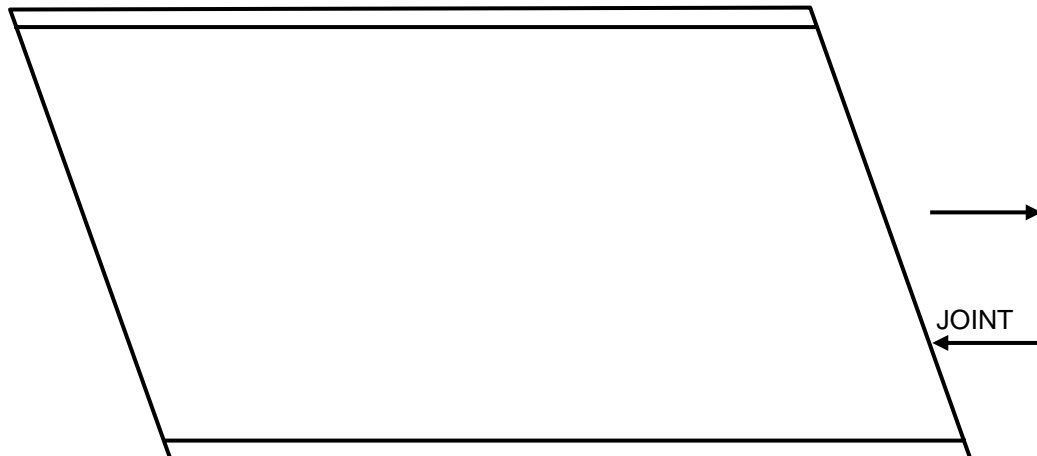


DECK	NV	ANTI-SKID OVERLAY-GOOD- (2013)
PARAPET	GOOD	RANDOM IMPACT SCRAPES

Top of Deck Span No. 4

Date 3/9/2016
GB

Bridge Location No. 19 I440 7.04 LT
County Route Log Mile

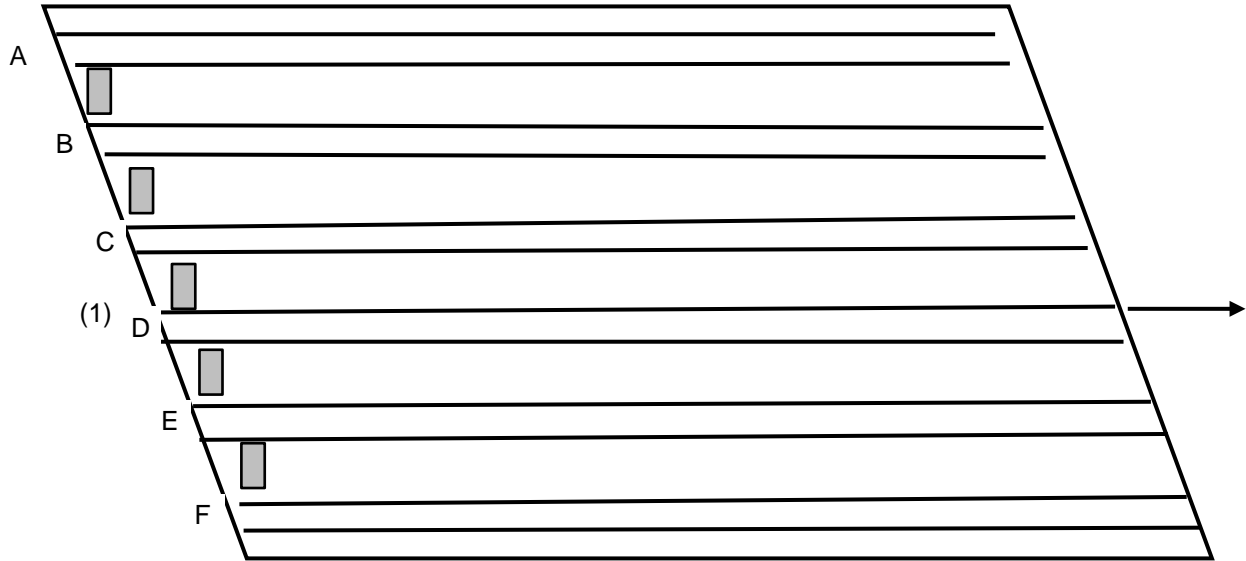


DECK	NV	ANTI-SKID OVERLAY-GOOD- (2013)
PARAPET	GOOD	RANDOM IMPACT SCRAPES
JOINT	GOOD	

Bottom of Slab Span No. 1

Date 3/9/2016
JB

Bridge Location No. 19 I440 7.04 LT
County Route Log Mile

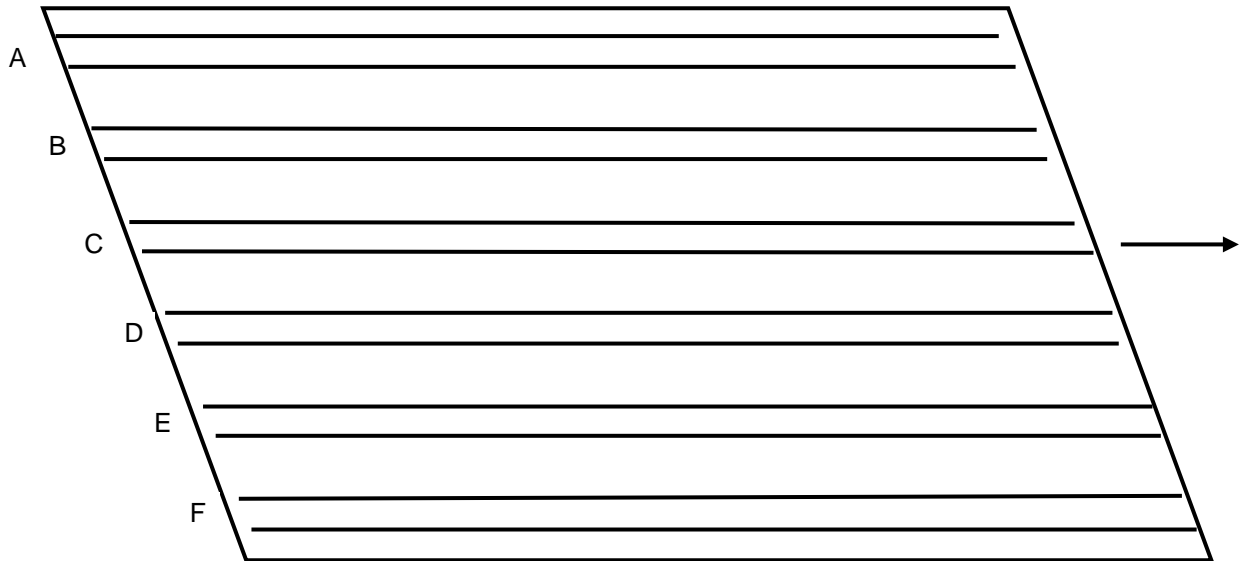


DECK	FAIR	DECK PANELS-(1) CONC. REPAIRS W/RANDOM H.C.'S W/EFF.,
		BAY 'A' PANEL #1 & #2- TRANSV H.L. CRACKS,
		BAY 'C' PANEL #2,#3,#4, & #5 TRANSV & LONGIT CRACKS UP TO 1/16"
		OPEN,BAY 'E' PANEL #1 & #2 TRANSV CRACKS UP TO 1/16" OPEN,
		BAY 'D' PANEL #2 TRANSV H.L. CRACKS
DIAPHRAGMS	GOOD	
BEAMS	GOOD	
PAINT	GOOD	2012-13

Bottom of Slab Span No. 2

Date 3/9/2016
JB

Bridge Location No. 19 I440 7.04 LT
County Route Log Mile

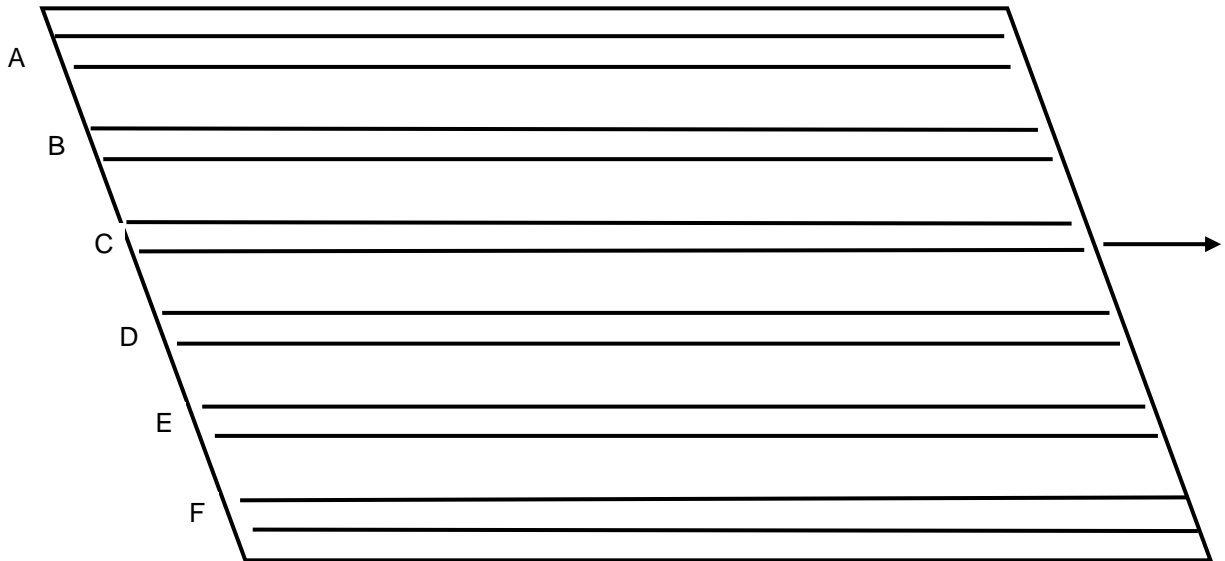


DECK	GOOD	DECK PANELS- RANDOM RUST STAINS
DIAPHRAGMS	GOOD	
BEAMS	GOOD	
PAINT	GOOD	2012-13

Bottom of Slab Span No. 3

Date 3/9/2016
JB

Bridge Location No. 19 I440 7.04 LT
County Route Log Mile



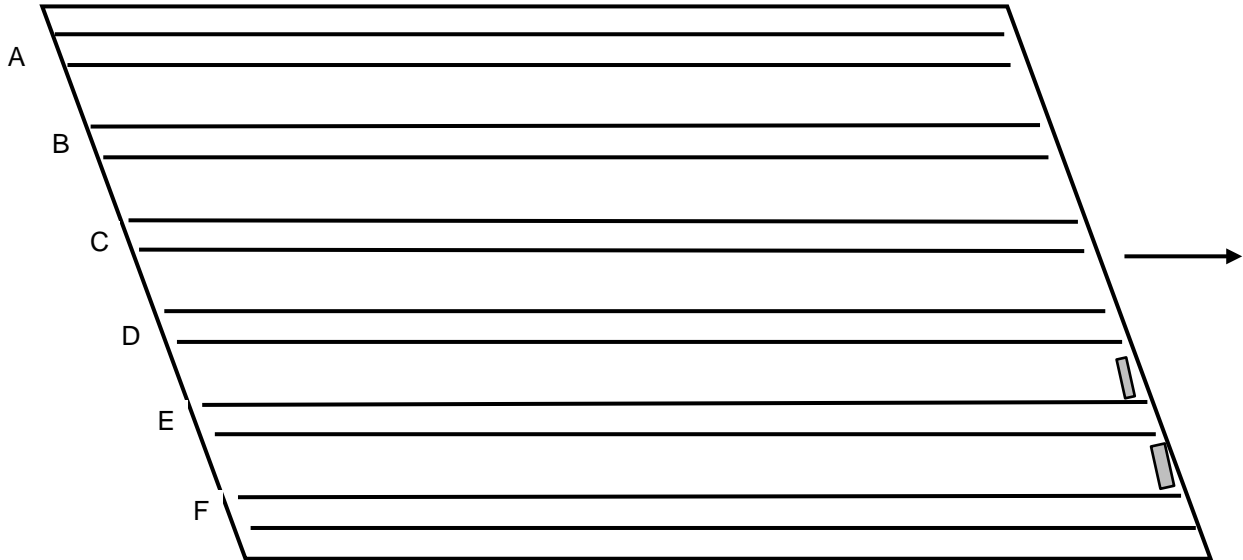
DECK	GOOD	DECK PANELS & MOD SOOT STAINS OVER TRACKS
DIAPHRAGMS	GOOD	
BEAMS	GOOD	SOOT FROM TRAINS
PAINT	GOOD	2013

Bottom of Slab Span No. 4

Date 3/9/2016

JB

Bridge Location No. 19 I440 7.04 LT
 County Route Log Mile

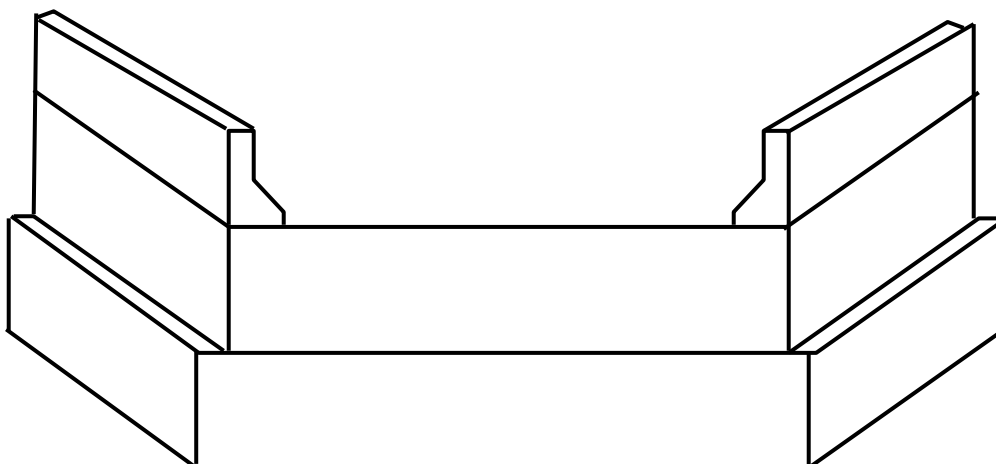


DECK	GOOD	BAY 'C' PANEL #3 FROM BENT #3 TRANSV. CRACKS UP TO 1/16"
		OPEN
DIAPHRAGMS	GOOD	
BEAMS	GOOD	HVY STAINS BTWN BM 'C' & 'D'
PAIN	GOOD	2012-13

Abutment No. 1

Date 3/9/2016
JV

Bridge Location No. 19 I440 7.04 LT
County Route Log Mile

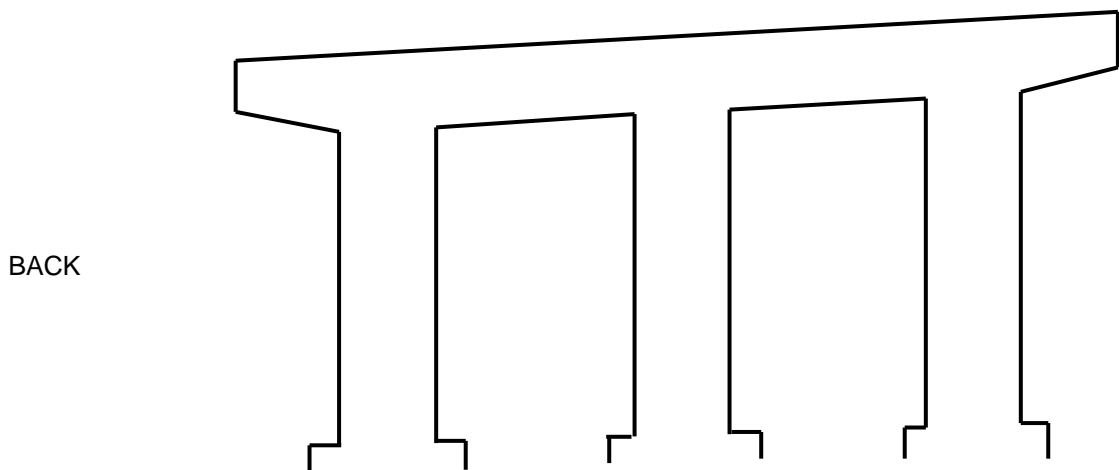
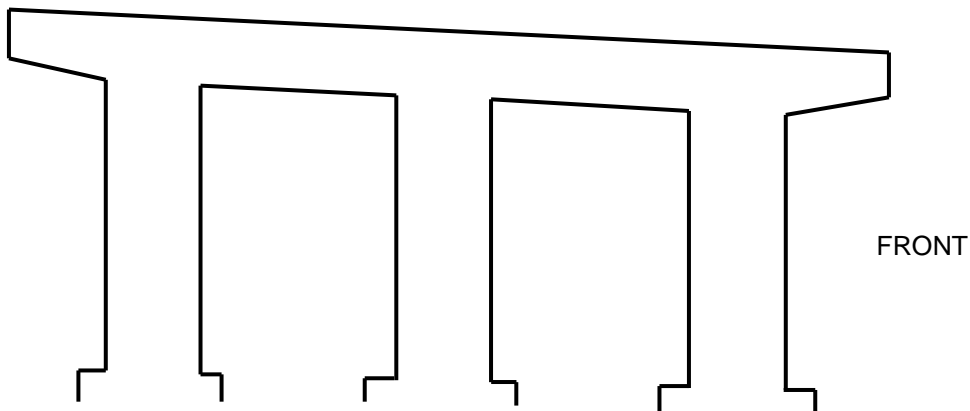


BACKWALL	N.V.	
WALL	GOOD	RANDOM H.C.'s
WINGS	GOOD	
BEARINGS	NV	

BENT # 1

Date 3/9/2016
JV

Bridge Location No. 19 I440 7.04 LT
County Route Log Mile



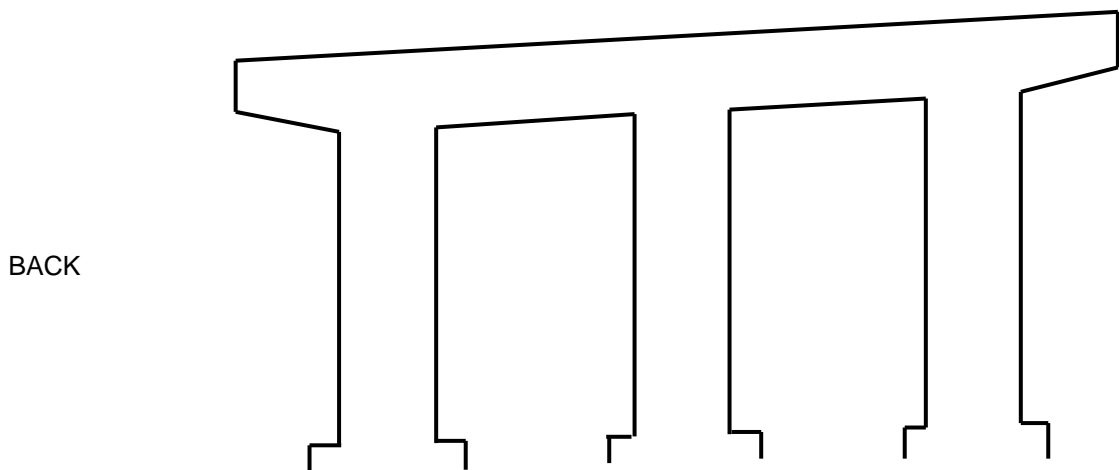
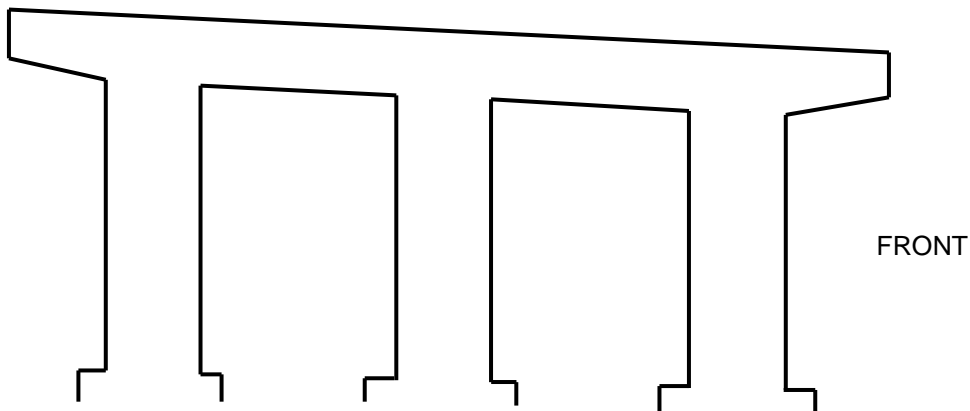
CAP	GOOD	
COLUMNS	GOOD	
FOOTINGS	NV	
BEARINGS	GOOD	

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §409
And its production pursuant to a public
document records request does not
waive the provisions of §409

BENT # 2

Date 3/9/2016
JV

Bridge Location No. 19 I440 7.04 LT
County Route Log Mile



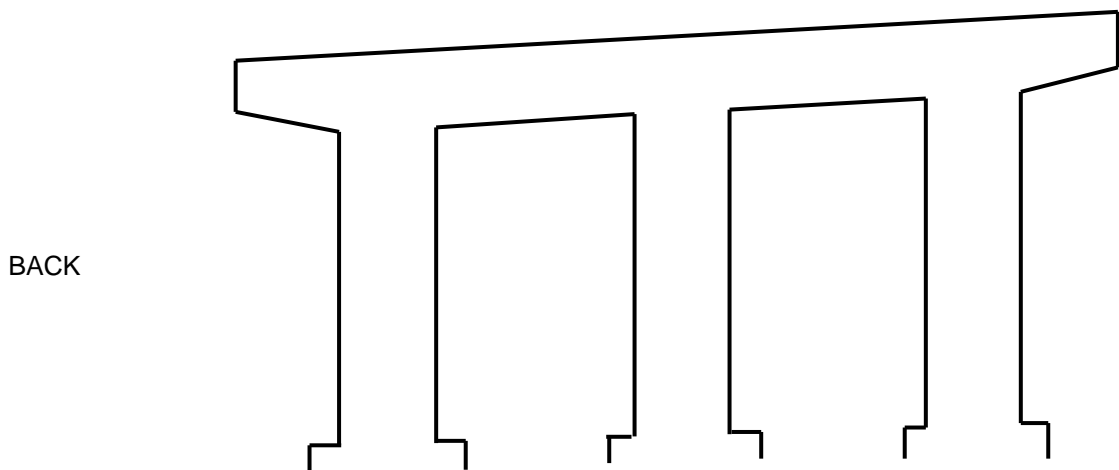
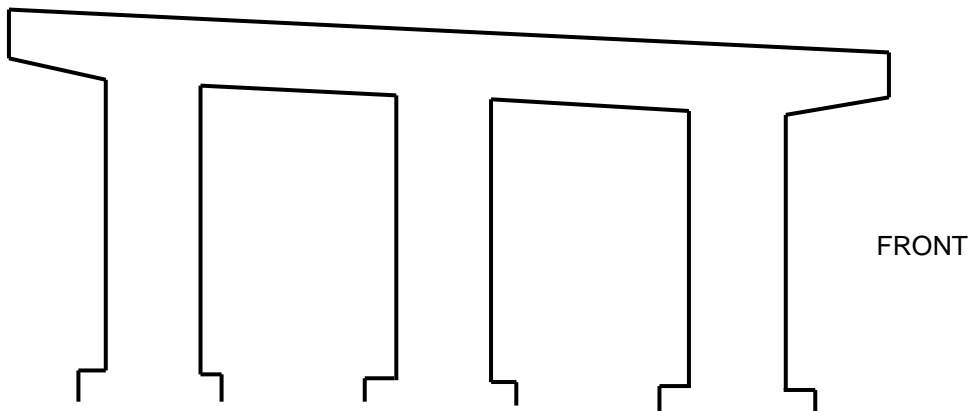
CAP	GOOD	
COLUMNS	GOOD	
FOOTINGS	NV	
BEARINGS	GOOD	

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §409
And its production pursuant to a public
document records request does not
waive the provisions of §409

BENT # 3

Date 3/9/2016
JV

Bridge Location No. 19 I440 7.04 LT
County Route Log Mile



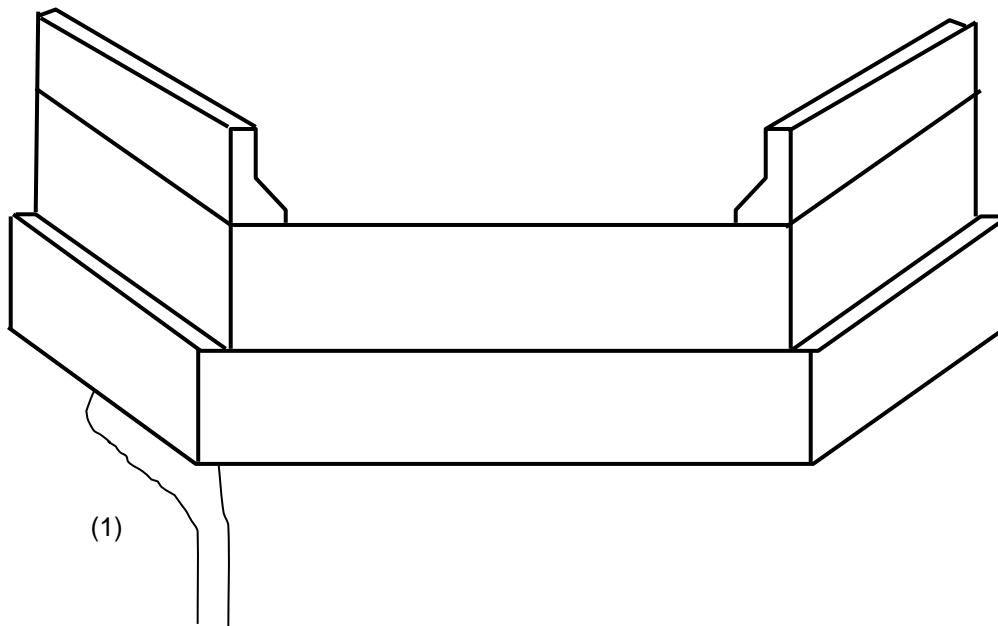
CAP	GOOD	
COLUMNS	GOOD	
FOOTINGS	NV	
BEARINGS	GOOD	
B'	GOOD	EXTRA LONG BOLT W/ LOOSE NUT

PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §409
And its production pursuant to a public
document records request does not
waive the provisions of §409

Abutment No. 2

Date 3/9/2016
JV

Bridge Location No. 19 I440 7.04 LT
County Route Log Mile



BACKWALL	N.V.	
WALL	GOOD	SOOT STAINS @ BMS 'C' & 'D', HORIZ. H.L. CRACKS @ BEAMS
WINGS	GOOD	
BEARGINS	NV	
EMBANKM	FAIR	(1) EROSION 3' W X 20' L X 3' DP



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

Underpass Condition Coding Form

Revised 03/09/2016

County: 19

Route: 04948

Special Case: 0

County Sequence: 1

Bridge Number: 19I044000542
(Includes Item 5A)

Feature Intersected: I440-LL/GLENROSE AVE CSX

Log Mile: 0.79

CODE ONLY THOSE VALUES WHICH HAVE CHANGED

ITEM #	DESCRIPTION	VALUE	UNDERPASS SAFETY FEATURES
90	LAST INSPECTION DATE	03/09/2016	
	EARLIEST DATE OF NEXT REGULAR INSPECTION	01/08/2018	515 (A) TYPE UNDERPASS BARRIER METAL BARRIER OR RAIL
		<u> / /</u>	
10	MINIMUM V.C. OVER DECK (ROADWAY + SHOULDERS)	21 FT. 0 IN.	Revised Barrier Type
		<u> FT. IN.</u>	(B) ADEQUACY OF BARRIER OR RAIL 0
520	MINIMUM V.C. OVER DECK (EXCLUDES SHOULDERS)	21 FT. 0 IN.	
		<u> FT. IN.</u>	(C) ADEQUACY OF TRANSITIONS N
47	TOTAL HORIZONTAL UNDERCLEARANCE	52 FT. 6 IN.	
		<u> FT. IN.</u>	(D) ADEQUACY OF TERMINALS 0
54	MINIMUM VERTICAL UNDERCLEARANCE (EXCLUDES SHOULDERS)		
	Circle One: H R	<u> FT. IN.</u>	554 VERTICAL CLEARANCE LISTED ON HEIGHT POSTING
55	MINIMUM LATERAL UNDERCLEARANCE ON RIGHT SIDE		
	Circle One: H R	<u> FT. IN.</u>	<u> FT. IN.</u>
		<u> FT. IN.</u>	<u> FT. IN.</u>
56	MINIMUM LATERAL UNDERCLEARANCE ON LEFT SIDE	<u> FT. IN.</u>	16 LATITUDE 17 LONGITUDE
			N 36° 7.4000' W 86° 44.4000'
521	OVERALL CONDITION	FAIR	HEIGHT POSTED AT BOTH APPROACHES? YES [] NO [] N/A []
555	COMMENTS		

TEAM LEADER SIGNATURE

REVIEW DATE

PRODUCED PURSUANT TO PUBLIC RECORDS REQUEST
This document is covered by 25 USC §409
And its production pursuant to a public document records request does not waive the provisions of §409

INSPECTION REPORT FOR UNDERPASS ROUTE

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

Field Report No. 21 Date 3/9/2016
Previous Report No. 20 Date 3/14/2014

Bridge No. 19104400054 Underpass Location No. 19 - 4948 - 0.79
Eleven Digit No. Co. Route Log Mile
I440/GLENROSE & CSX or 19 - I440 - 0704 L over 19 - 4948 - 0.79
Railroad/Walkway Co. Route Log Mile Co. Route Log Mile
County Davidson Structure Name (If Named) _____
Year Constructed 1985 ACTUAL
Year Widened _____ Year Rehabilitated 2013

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

Divided Highway N/A Type of Wearing Surface ASPHALT
Width of Approach Traveled Roadway 24' ft. (Does Not Include Shoulders)
Width of Median if Divided Highway NA ft.
Approach Shoulder Width 6' ft. Right 6' ft. Left
*Horizontal Clearance Under Bridge 52.8' ft.
*Distance Between Pier Protection Guardrail and Substructure 4' ft. Right 5.7' ft. Left
*Width of Sidewalk Under Bridge _____ ft. Right _____ ft. Left
*Minimum Vertical Clearance: 21' ft. 0" in. (ft.-in.)
*Show on Sketch

TRAFFIC SAFETY FEATURES

Pier Protection Railing or Parapet
Approach Guardrail Terminals
Approach Guardrail
Approach Guardrail Terminal

Rating	Standard/ SubStandard Non Exist
GOOD	SUBSTANDARD
	NON EXIST
GOOD	SUBSTANDARD
	NON EXIST

INSPECTORS

1. BILINGSLEYTL
2. VOGEL
3. BROWN
4. LOVE
5. _____
6. _____

SIGNING

Yes/ No/ Needed

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

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

Date 3/9/2016

Underpass Location No. 19 - 4948 - 0.79
Co. Route Log Mile

Other Signs or Plaques:

Comments Regarding any
Problems with Signing:

BRIDGE FEATURES (*.* ft.)

Bridge Skew <u>41 ° RT</u>	Number of Lanes/Tracks on Bridge <u>3</u>
Structure Type (Main Span) <u>WPG</u>	No. Main Spans <u>4</u>
Structure Type (Appr.Spans) _____	No. Appr. Spans _____
Maximum Span Length <u>110.2'</u> (ft.)	Total Length <u>356.5'</u> (ft.)
Width of Bridge Out-to-Out <u>51.0</u> (ft.)	Right Angle to Centerline of Bridge)
Width of Bridge Along Skew _____ (ft.)	(If Unable to Measure at Right Angle to Centerline of Bridge)

BRIDGE CONDITION: FAIR

Does Potential Exist for Elements from Bridge Falling on Roadway Beneath? NO

Does Potential Exist Because of Deteriorated Condition or Failure of Major Members? NO

Comment on any Conditions of Bridge that would Effect Roadway Beneath:
HEAVY COLLISION DAMAGE ON ALL TRAFFIC SAFETY FEATURES FOR UNDERPASS ROUTE.

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

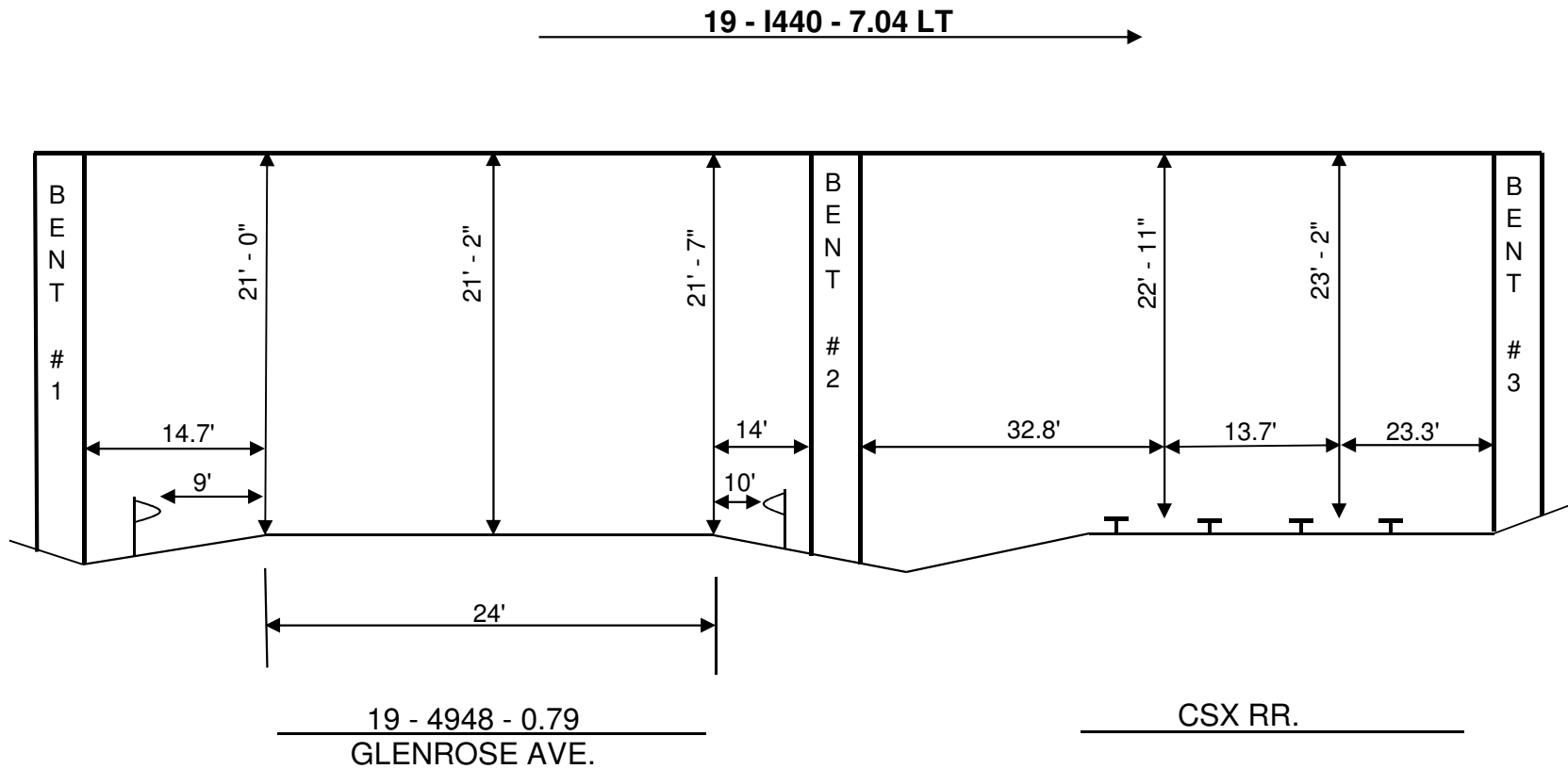
MINIMUM PICTURES REQUIRED

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

CLEARANCE SKETCH

Date 3/9/2016

Bridge Location No. 19 I440 7.04 LT
County Route Log Mile



**PRODUCED PURSUANT TO
PUBLIC RECORDS REQUEST
This document is covered by 23 USC §409
And its production pursuant to a public
document records request does not
waive the provisions of §409**