

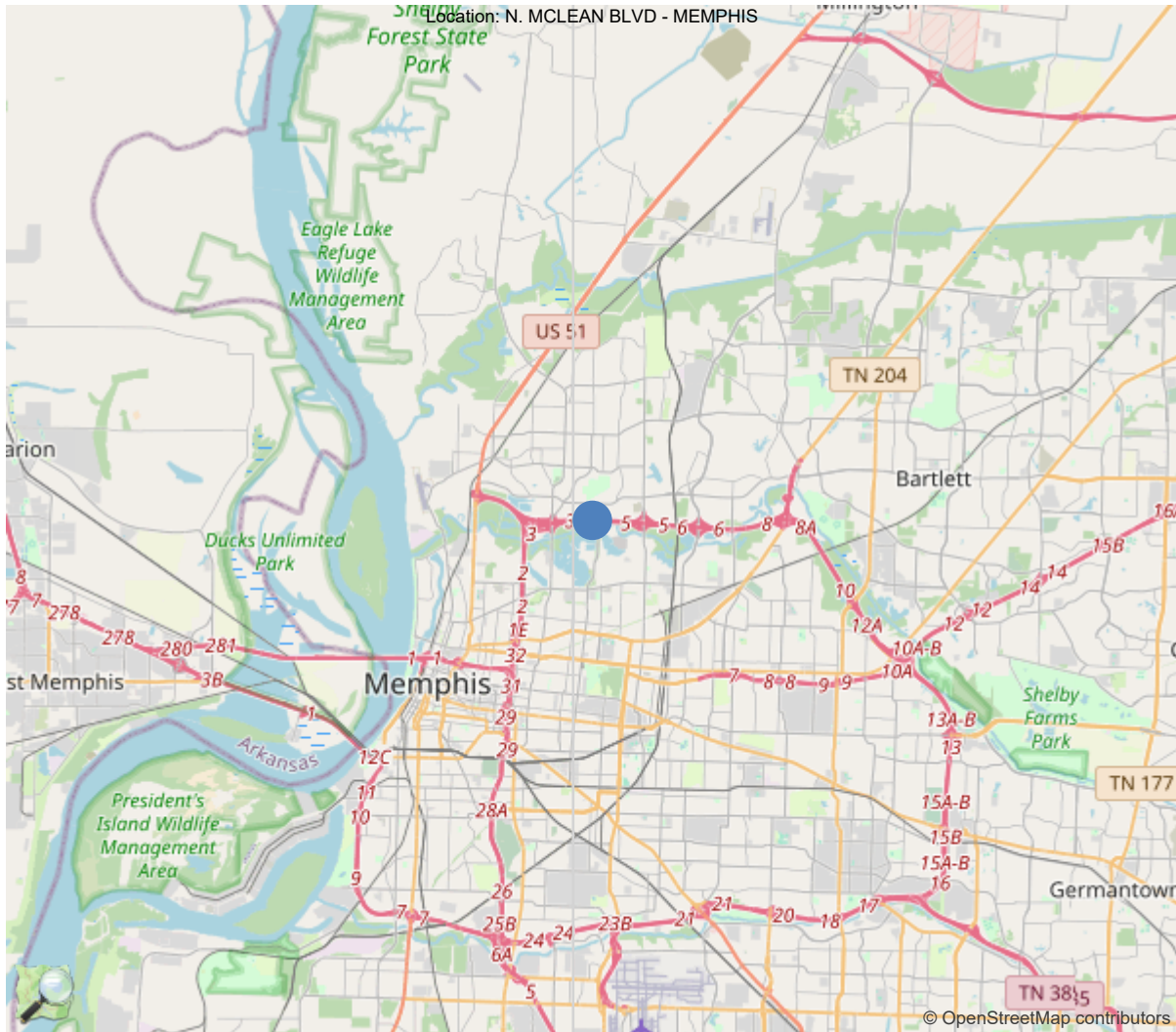


Latitude:35.19236, Longitude:-89.99325

Region 04, 79 - Shelby County

Team Leader: Nathan Bedford

Inspectors: Jacob Seager, Tonjuanita James, Jacob Castellaw, Shayne Hayes, Ty Patrick



N. MCLEAN BLVD. Crossing N. MCLEAN BLVD. / I-40

35.19236, -89.99325

90 - LAST INSPECTION DATE

11/04/2024

10 - MIN. V.C. OVER DECK
(ROADWAY + SHOULDERS)

99.99 FT.

520 - MIN. V.C. OVER DECK
(EXCLUDES SHOULDERS)

99.99 FT.

36 - TRAFFIC SAFETY FEATURES

Br. Rail	Trans.	Appr. Rail	Terminal	SPEED LIM.
0	0	0	0	50

41 - STRC OPEN/CLOSED/POSTED

A

58 - DECK

7

59 - SUPERSTRUCTURE

7

60 - SUBSTRUCTURE

5

61 - CHANL/CHANL PROTECTION

N

62 - CULVERT AND RETAIN WALL

N

71 - WATERWAY ADEQUACY

N

72 - APPROACH RDWY ALIGNMENT

8

521 - OVERALL CONDITION

2 - Fair

16 - LATITUDE	17 - LONGITUDE
35.192361	-89.993250

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 CORREC

TEAM LEADER SIGNATURE

IDENTIFICATION	
(1) State Names	47 - Tennessee
(8) Structure Number	79I00400071
(5) Inventory Route	1
(2) Highway Agency District	Region 4
(3) County Code	79 - Shelby
(4) Place Code	48000
(6) Features Intersected	N. MCLEAN BLVD. / I-40
(7) Facility Carried	FAU 2819
(9) Location	N. MCLEAN BLVD - MEMPHIS
(11) Mile Point	5.180 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	
(16) Latitude	35.192361
(17) Longitude	-89.993250
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	26
Material	2 - Concrete continuous
Type	6 - Box Beam or girders - Single or Spread
(44) Approach Structure Type	00
Material	0 - Other / None
Type	0 - Other / None
(45) No. of Spans in Main Unit	2
(46) No. of Approach Spans	0
(107) Deck Structure Type	1 - Concrete Cast-in-Place
(108) Wearing Surface/Protective System	
Type of Wearing Surface	6 - Bituminous
Type of Membrane	0 - None
Type of Deck Protection	1 - Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	1975
(106) Year Reconstructed	0
(42) Type of Service	51
On	5 - Highway-pedestrian
Under	1 - Highway, with or without pedestrian
(28) Lane	
On	4
Under	4
(29) Average Daily Traffic	7363
(30) Year of ADT	2021
(109) Truck ADT	4 %
(19) Bypass, Detour Length	10 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	141.0 ft
(49) Structure Length	282.0 ft
(50) Curb or Sidewalk Width	
Left	6.0 ft
Right	6.0 ft
(51) Bridge Roadway Width Curb to Curb	68.0 ft
(52) Deck Width Out to Out	70.0 ft
(32) Approach Roadway Width (W/Shoulders)	52.0 ft
(33) Bridge Median	0 - No median
(34) Skew	80 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	52.0 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	16.83 ft
Ref:	
(55) Min Lat Underclear RT	10.0 ft
Ref:	
(56) Min Lat Underclear LT	30.0 ft
NAVIGATION DATA	
(38) Navigation Control	N - Not applicable, no waterwa
(111) Pier Protection	
(39) Navigation Vertical Clearance	0.0 ft
(116) Vert-Lift Bridge Nav Min Vert Clear	ft
(40) Navigation Horizontal Clearance	0.0 ft

CLASSIFICATION	
(112) NBIS Bridge Length	Y
(104) Highway System	0
(26) Functional Class	16 - Urban Minor Arterial
(100) Defense Highway	0 - The inventory route is not
(101) Parallel Structure	N - No parallel structure exis
(102) Direction of Traffic	2 - way traffic
(103) Temporary Structure	
(105) Federal Lands Highways	0 - N/A
(110) Designated National Network	0 - The inventory route is not
(20) Toll	3 - On free road. The structu
(21) Maintain	1 - State Highway Agency
(22) Owner	1 - State Highway Agency
(37) Historical Significance	4 - Historical significance is
CONDITION	
(58) Deck	7
(59) Superstructure	7
(60) Substructure	5
(61) Channel & Channel Protection	N
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	4 - M 18 / H 20
(63) Operating Rating Method	8
(64) Operating Rating	
Type	8 - Load and Resistance Factor Rating (LRF
Rating	46.33
(65) Inventory Rating Method	8 - Load and Resistance Factor
(66) Inventory Rating	
Type	
Rating	35.96
(70) Bridge Posting	5 - Equal to or above legal loads
(41) Structure Open/Posted/Closed	A - Open, no restriction
APPRAISAL	
(67) Structural Evaluation	5
(68) Deck Geometry	4
(69) Clearances, Vertical/Horizontal	4
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	0 - Inspected feature does not meet
(36B) Transitions	0 - Inspected feature does not meet
(36C) Approach Guardrail	0 - Inspected feature does not meet
(36D) Approach Guardrail Ends	0 - Inspected feature does not meet
(113) Scour Critical Bridges	N - Bridge not over waterway.
PROPOSED IMPROVEMENTS	
(75) Type of Work	33 - Widening of existing brid
(76) Length of Structure Improvement	282.2 ft
(94) Bridge Improvement Cost	\$ 441
(95) Roadway Improvement Cost	\$ 45
(96) Total Project Cost	\$ 662
(97) Year of Improvement Cost Estimate	2020
(114) Future ADT	14096
(115) Year of Future ADT	2040

INSPECTIONS *			
(90) Inspection Date	11/04/2024		
(91) Frequency	24		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection	No		
* The inspection date and frequency information in this box contains the current NBI date and frequency information. Please refer to the report header for the date this inspection was conducted.			

PERFORMANCE EVALUATION

Time of Day Inspected 10:10 AM

Weather Conditions Cloudy 73°F

Vehicles Observed All types

LIVE LOAD BEHAVIOR

Sub Horiz./ Vert. Defl (No)

Sub Vibration (No)

Super Horiz./ Vert. Defl (No)

Super Vibration (No)

APPROACH

Alignment (Good)

Joints (Poor)

Debris impaction and torn material

Pavement (Poor)

Potholes, rough patch work and 1/8" cracks

Embankment (Good)

TRAFFIC SAFETY FEATURES

Bridge Railing Rating (Good)

Transitions Rating (Good)

Guardrail Rating (Poor)

Damage at approach 1 right

Guardrail Terminal Rating (Good)

SIGNS POSTED ON ROUTE

Paddleboards No

Weight Limit Posted Not Needed

Vertical Clearance (<14'-6") No

Gross Tons

Posted Height

Single-unit Vehicle Tons

Narrow Bridge Signs No

Multi-unit Vehicle Tons

One Lane Bridge Signs No

564 Assigned Bridge Name

Other Signs or Plaques

ATTACHED SIGNS

Sign No	Location	Text on Sign	Noted Defects
79SIGN000903	SPAN 2 RIGHT	EXIT 2A MILLINGTON SR51 1 MILE	
79SIGN000913	SPAN 2 RIGHT	EXIT 3 WATKINS ST NEXT RIGHT	

DECK

Wearing Surface Type		Concrete	Wearing Surface Depth
Wearing Surface	(Good)	1/16" cracks	
Deck - Structural Condition	(Good)		
Median	(Good)	Damage and hairline cracks	
Sidewalks	(Good)	Scaling, damage, and hairline cracks	
Parapet	(Good)		
Railing	(Good)		

SUPERSTRUCTURE

Bearing Devices	(Good)	
Girders	(Fair)	Span 1 has light damage
Alignment of Members	(Good)	

TEXTURE COAT

Earthquake Devices	(Fair)	Light corrosion
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ABUTMENTS

Abutment Caps	(Fair)	Spall to steel & hairline efflorescence cracks
Abutment Wings	(Poor)	Abutment 2 is poor due to heavy spall to steel
Abutment Backwall	(Poor)	Abutment 2 has a large spall to steel area
Abutment Plumb	(Good)	
Abutment Piles	(Good)	
Abutment Embankment	(Poor)	Abutment 2 washing below and under slope paving
Abutment Bearing Surface	(Good)	
Abutment Slope Paving	(Poor)	Abutment 2 washing below and under slope paving

PIERS

BENTS

Bent Columns	(Good)
Bent Plumb	(Good)
Bent Footing	(Not Visible)
Bent Bearing Surface	(Good)

Inspection Team's Summary

This is a two span concrete box beam bridge. The safety features include metal approach rails, concrete bridge parapets, and metal bridge rails. The approach 1 right guardrail is damaged. The approach joints have loss of seal adhesion, and debris impaction. The asphalt approach roadway has cracks up to 1/8", potholes, and rough patchwork. The concrete wearing surface has cracks up to 1/16". The bottom deck has spalling. The concrete box beams have damage. The abutment 2 backwall has spalling with exposed rebar. The concrete substructure has spalling, exposed rebar, hairline cracks, and efflorescence. The abutment 2 left wing has spalling with exposed rebar. The abutment 2 embankment is washing below and under the cap and under the slope paving. The minimum vertical clearance is 16' 10".

General Inspection Comment

HQ notes to TL

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Re Concrete Deck	SF	19740	19637	103	0	0
1080	Delamination/Spall/Patched Area	SF	3	0	3	0	0
1130	Cracking (RC and Other)	SF	100	0	100	0	0
(12) Element record added 2015-01-15.							
(1130-12) Element record added 9/28/2022							
110	Re Conc Opn Girder/Beam	LF	282	277	5	0	0
7000	Damage	LF	5	0	5	0	0
(110) Element record added 12/22/2016							
(7000-110) Element record added 9/28/2022							
205	Re Conc Column	EA	3	3	0	0	0
(205) Element record added 2015-01-15.							
215	Re Conc Abutment	LF	142	121	21	0	0
1090	Exposed Rebar	LF	1	0	1	0	0
1120	Efflorescence/Rust Staining	LF	10	0	10	0	0
1130	Cracking (RC and Other)	LF	10	0	10	0	0
(215) Element record added 12/22/2016							
(1120-215) Element record added 9/28/2022							
(1130-215) Element record added 9/28/2022							
310	Elastomeric Bearing	EA	2	2	0	0	0
(310) Element record added 12/22/2016							
330	Metal Bridge Railing	LF	564	564	0	0	0
(330) Element record added 9/29/2020							
331	Re Conc Bridge Railing	LF	564	564	0	0	0
(331) Element record added 9/29/2020							

Equipment List

General Inspection

- ☐ Pocket knife
- ☐ Sounding/chipping hammer
- ☐ Chain drag
- ☐ Range pole
- ☒ 25' rod - depth and clearance

Visual Aid

- ☐ Binoculars
- ☐ Flashlight
- ☐ Magnifying glass
- ☐ Hand mirror

Cleaning

- ☐ Wisk broom
- ☐ Wire brush
- ☐ Flat bladed screwdriver
- ☐ Hand shovel
- ☐ Penetrating oil (WD-40, etc.)

Tools For Access

- ☐ Ladders
- ☐ Rope
- ☐ Waders
- ☐ Machete or bush axe

Comment

Tools For Measuring

- ☒ Masonry/Wood Ruler
- ☐ 6' Pocket Tape
- ☐ 25' and 100' Tape
- ☐ Calipers
- ☒ Thermometer
- ☐ Carpenter's Level
- ☐ String and Weighted line (plumb bob)

Special Purpose Equipment

- ☐ Reach All
- ☐ Bucket Truck
- ☒ Traffic control
- ☐ Boat
- ☐ Sonar depth finder
- ☐ Increment borer
- ☐ Survey equipment
- ☐ Safety Harness
- ☐ Climbing equipment
- ☐ Dye penetrant
- ☐ Drone
- ☐ Air Meter

Special Purpose Equipment

Reach-All Approval and Comments



Abutment 2 backwall spall to steel



Span 2 bottom deck



Abutment 1 spall to steel



Span 1 overhang spall



Span 1 damage



Span 1 damage



Span 1 bottom deck



Washing below slope paving at abutment 2



Washing below slope paving at abutment 2



Washing below slope paving at abutment 2



Abutment 2/left wing spall to steel



Bent 1 rear



Abutment 2



Abutment 2 right side of embankment/slope paving



Bent 1 front



Abutment 1 slope paving sinking/bucking



Abutment 1



Left elevation



Face of bridge mounted signs



Back of 2nd bridge mounted sign



Back of 1st bridge mounted sign



Right elevation



2nd bridge mounted sign upper connection



Back of 2nd bridge mounted sign



Back of 1st bridge mounted sign



1st bridge mounted sign upper connection



Span 1



Span 1 , damage



Span 1 , cracks & sidewalk light scaling



Direction of route



Approach 1 right guardrail



Approach 1 asphalt



Approach 1 joint



View across top deck



Right side



Approach 2 joint



Approach 2 asphalt



Opposite direction of route



Left side



Bridge number



Approach 1 right guard rail collision damage



Approach 1 pavement



Direction of route



Approach 1 joint



View across deck



Approach 2 joint



Approach 2 pavement



Opposite direction of route

Maintenance Recommendations

525 - Repair List # N 523 - Repair List Add Date 524 - Repair List Revise Date 9/27/2022

Date Added	Recommendation	Priority
11/04/2024	REPAIR WINGWALL AT ABUTMENT NO.1 RT & 2 LT	
11/04/2024	LEVEL THE WEARING SURFACE AT APPROACH NO.1 and 2	
04/16/2009	APPROACH GUARDRAILS ARE SUBSTANDARD	
04/16/2009	BRIDGERAILS ARE SUBSTANDARD	
04/16/2009	APPROACH GUARDRAIL TERMINALS ARE SUBSTANDARD	
12/07/2018	UNDERPASS SUBSTRUCTURE PROTECTION GUARDRAILS ARE SUBSTANDARD	
11/04/2024	CLEAN AND SEAL ROADWAY EXPANSION JOINTS AT APPROACH NO.1 and 2	
11/04/2024	REPAIR BACKWALL AT ABUTMENT NO.2	
11/04/2024	PATCH SIDEWALK IN SPAN NO.1 LT	
11/04/2024	REPAIR EMBANKMENT EROSION AT ABUTMENT NO.2	
11/04/2024	REPAIR SLOPE PAVEMENT AT ABUTMENT NO.2	
09/28/2022	CUT VEGETATION	
10/30/2024	Repair approach 1 right guardrail	

NOV 04 2024

SHELBY COUNTY

79-10040-0652

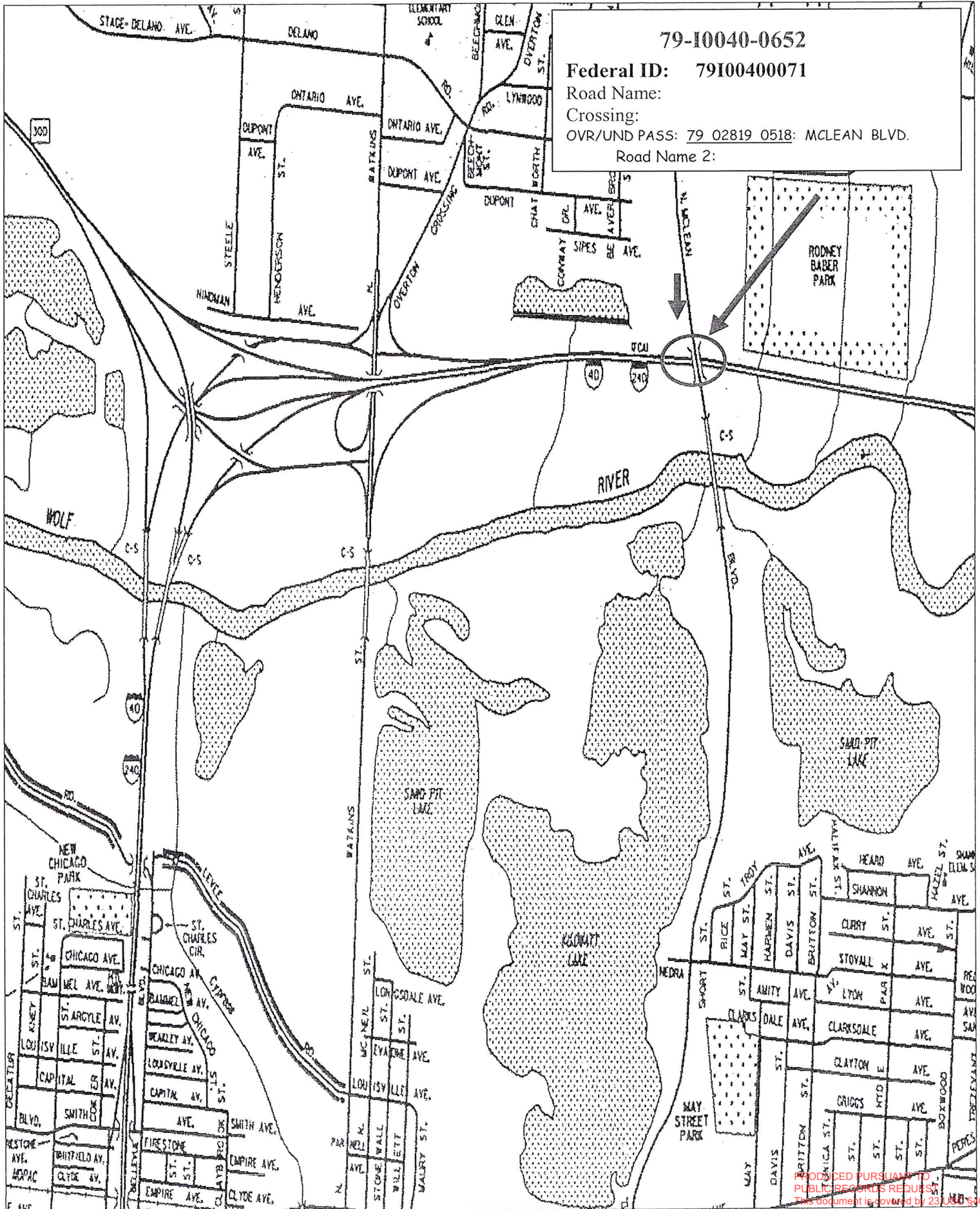
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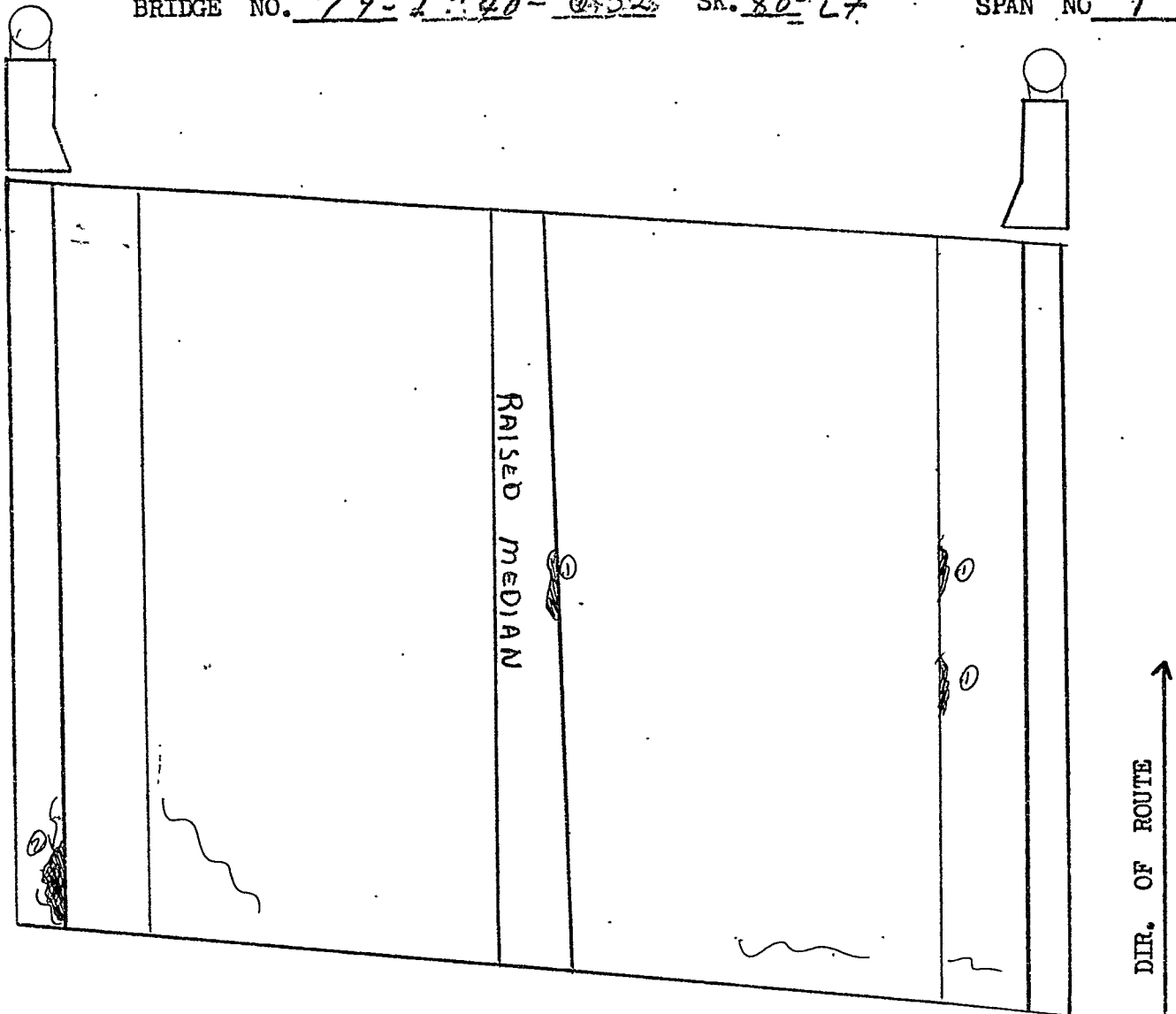
Road Name:

Crossing:

OVR/UND PASS: 79 02819 0518: MCLEAN BLVD.

Road Name 2:



BRIDGE NO. 79-140-052 SK. 80° LTSPAN NO 1

DECK	① F P C
PARAPET	① F P C
DRAINS	G F P C
JOINTS	G F P C
Med.	① F P C
RAILS/Post	① F P C
S.W.	① F P C
Utilities	Fair

1/16" crack

N/A

N/A

See ①

Surface Corrosion on bolts

See ①, Hairline cracks, See ②

Cover missing

① Damage

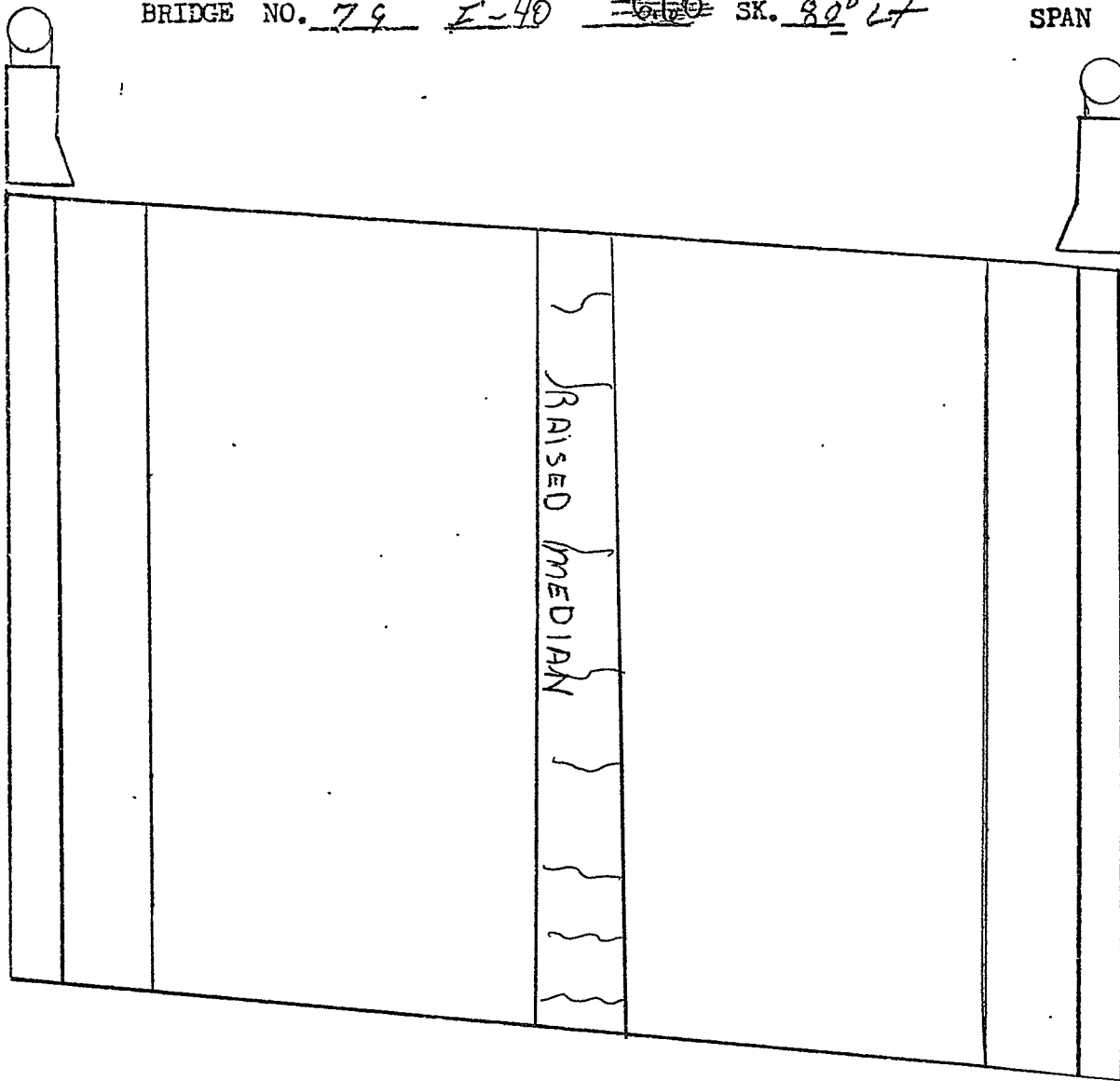
1" L x 2" W x 1" H x 1" D

② Scallops up to 1/16"

2' L x 8" W x 6" H

BRIDGE NO. 79 E-40 6.50 SK. 80° 17

SPAN NO 2



DECK (G) F P C

PARAPET (G) F P C

DRAINS (G) F P C

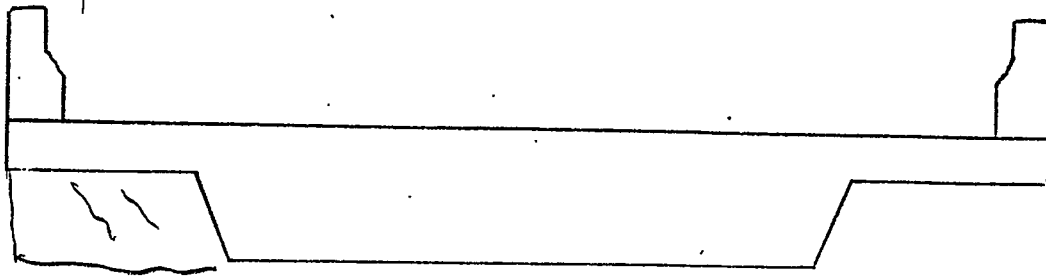
JOINTS G F P C

Med. (G) F P C

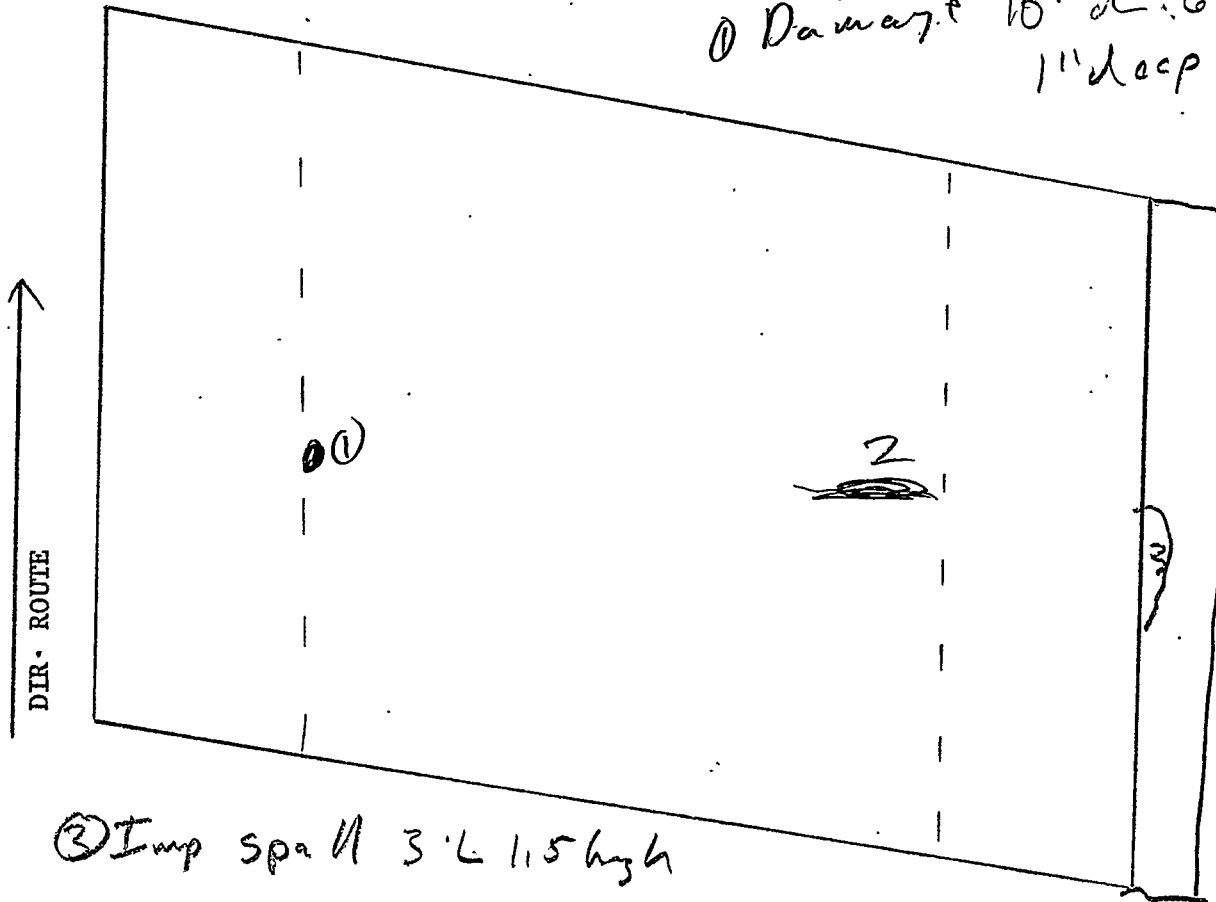
RAILS/Post (G) F P C

S.W. (G) F P C

HL



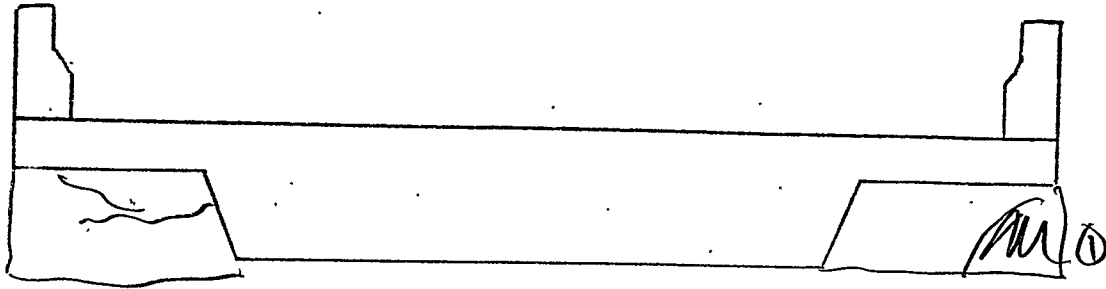
① Damage 10" L x 6" high
1" deep



③ Imp spall 3' L x 1.5' high

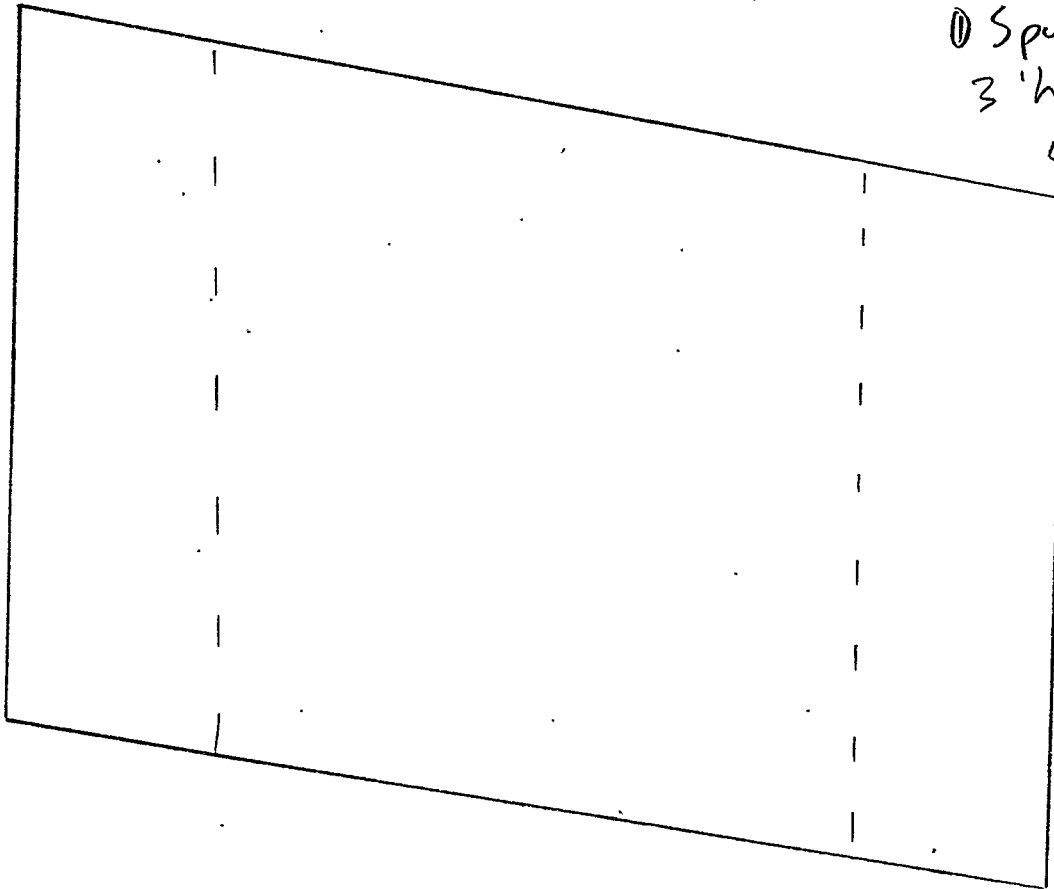
② Damage 4' L x 3" w x 1/4" deep

ELEMENT	RATING	COMMENTS
BOTTOM DECK	G (F) P C	③
CDG	F	① ②
BW	F	Hairline cracks
EQ	F	Light corrosion

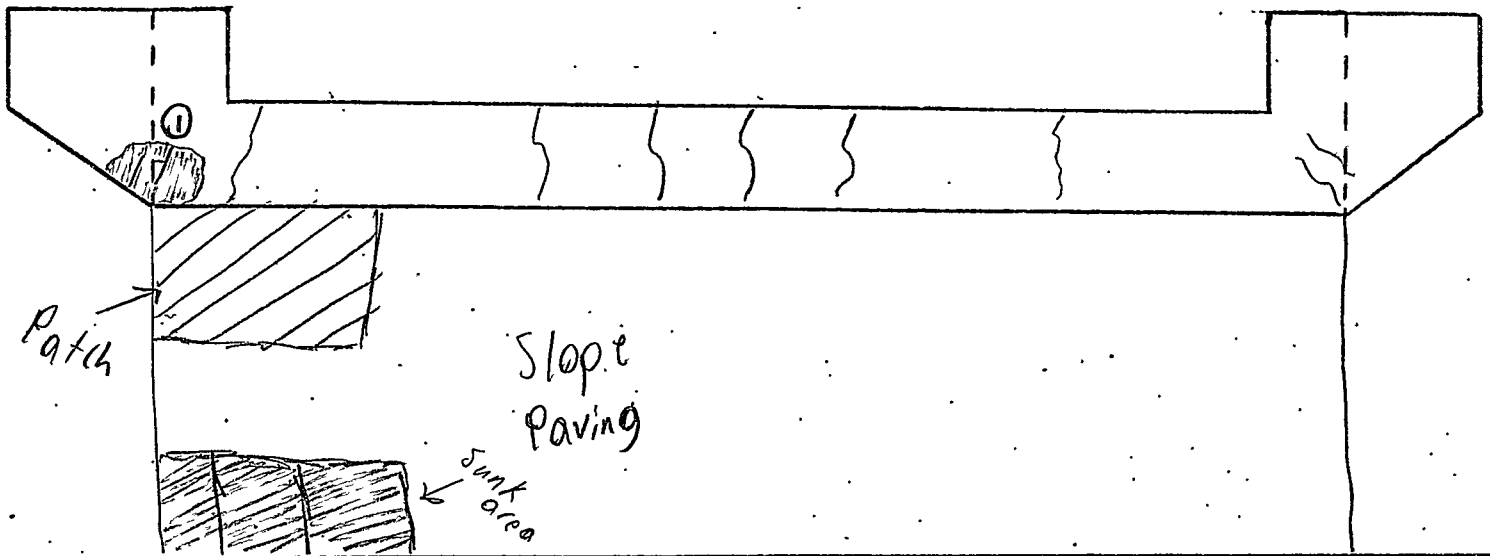


① Spall to steel
3' high 2' w
4" deep

DIR. ROUTE

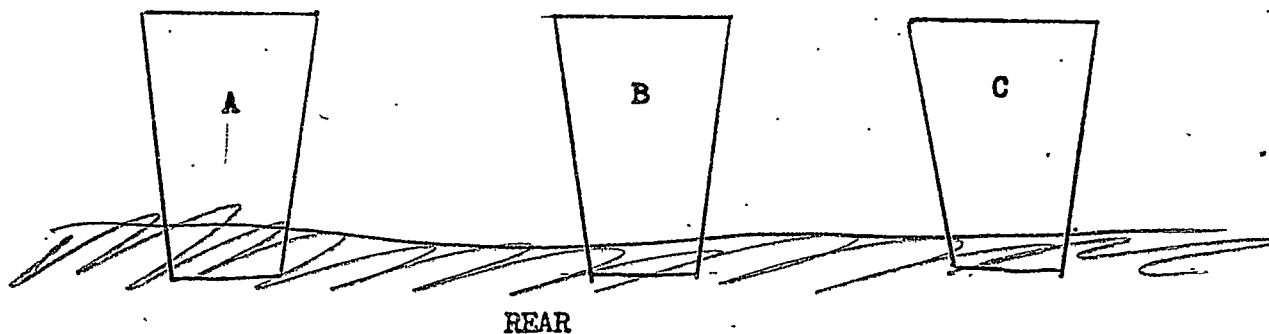
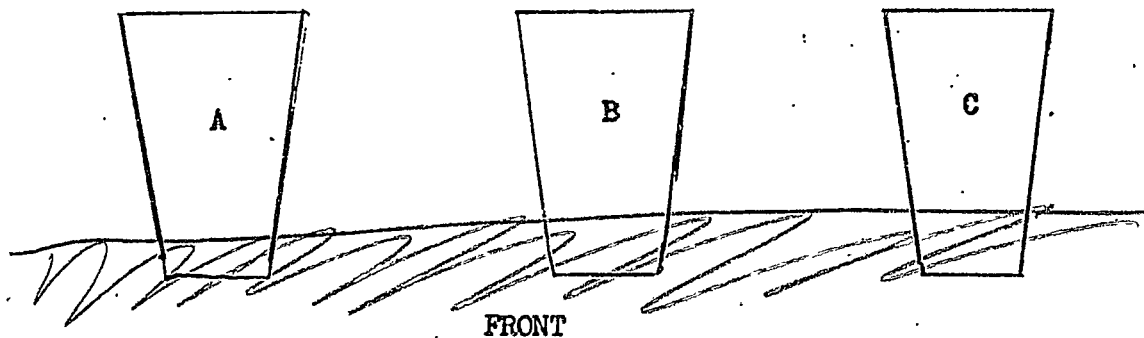


ELEMENT	RATING	COMMENTS
BOTTOM DECK	① G F P C	
CDG	G	
BW	P	① Up to 1/16" cracks
EQ	F	Light corrosion

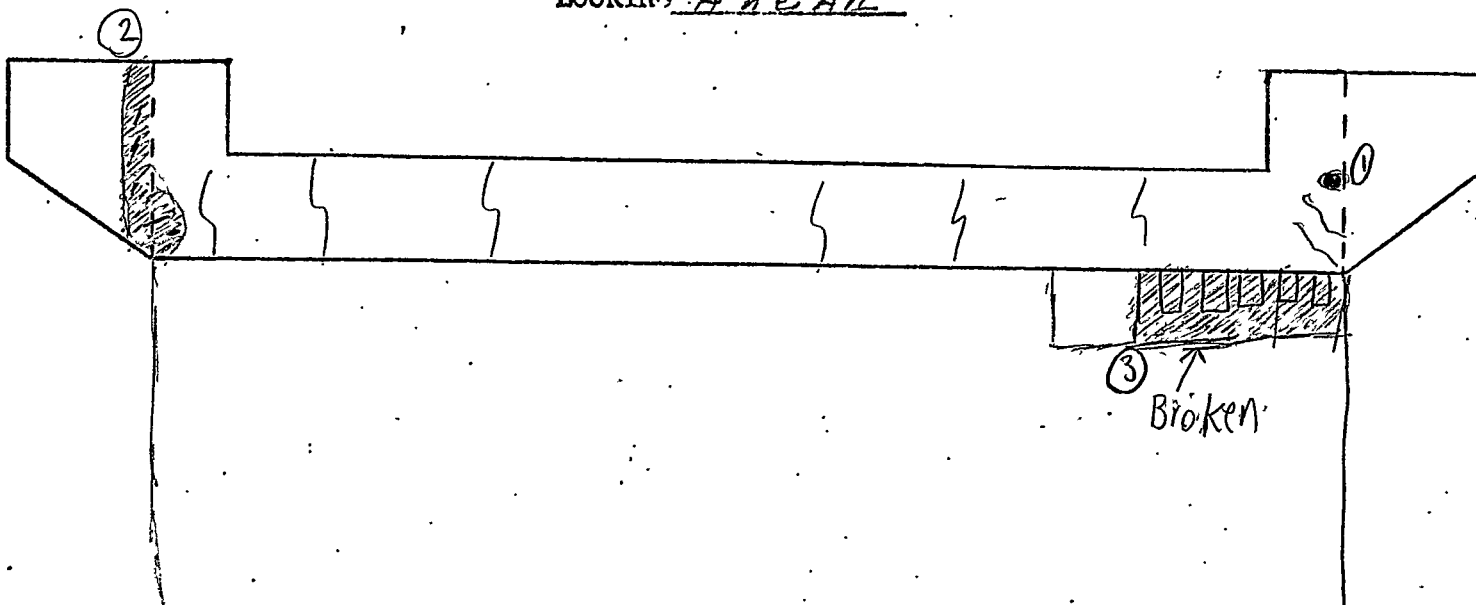
BRIDGE NO. 79 E-40-6,52ABUT. NO. 1LOOKING BACK

LEMENT	RATING	COMMENTS
BEARING	G F P C	3.5% Missing see ① + Hairline eff cracks
PAINT	G ⊕ P C	
CAP	G ⊕ P C	
WINGS	G ⊕ P C	
EMB.	ⓐ F P C	tree growth
VEG.	G F ⊕ C	
EQ	ⓐ F P C	
EMB. CAP	ⓐ F P C	Patched area + Sunk area
SLOPE PAV.	G ⊕ ⊕ C	
BACKWALL	G F P C	

$$\frac{2.5'}{L} \times \frac{3'}{H} \times \frac{2''}{D}$$



ELEMENT		RATING	COMMENT
STEM	A	(G) F P C	
	B	(G) F P C	
	C	(G) F P C	

LOOKING Ahead

LEMENT	RATING	COMMENTS
BEARING	G F P C	① Spalling 1" Dia x $\frac{1}{D}$
E.Q. PAV	G F P C	② Spall to Steel 10' H x 2' W x $\frac{2.5}{D}$
CAP	G F P C	see ① + ② + Hairline eff cracks
WINGS	G F P C	see ②
EMB.	G F P C	Washing below cap + back under piles exposed + see ③
VEG.	G F P C	tree growth
Piles RIP-RAP	G F P C	
SLOPE PAV.	G F P C	Broken slope paving
BACKWALL	G F P C	

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. 79100400071
Eleven Digit No.

Underpass Location No. 79 - 10040 - 0652 -

-0- _____ or - - _____ over/
Railroad/Walkway Co. Route Log Mile under Co. Route Log Mile

County Shelby

Structure Name (If Named) _____

Year Constructed _____

Year Widened _____ Year Rehabilitated _____

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

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

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

Width of Approach Traveled Roadway 50 ft. (Does Not Include Shoulders)

Width of Median if Divided Highway 64 ft.

Approach Shoulder Width 10 ft. Right 10 ft. Left

*Horizontal Clearance Under Bridge 90 ft. 0 IN.

*Distance Between Pier Protection Guardrail and Substructure 0 ft. Right 4 ft. Left

*Width of Sidewalk Under Bridge _____ ft. Right _____ ft. Left

*Minimum Vertical Clearance: 16 ft. 10 in.

*Show on Sketch

TRAFFIC SAFETY FEATURES FOR UNDERPASS ROUTE

	STANDARD	SUB-STANDARD	NON EXIST
Pier Protection Railing or Parapet (G) F P C	()	(X)	()
Approach Guardrail Transitions G F P C	()	()	(X)
Approach Guardrail (G) F P C	()	(X)	()
Approach Guardrail Terminal (G) F P C	(X)	()	()

SIGNING FOR UNDERPASS ROUTE

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

INSPECTORS

1. Bedford
2. Senger
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. 79I00400071

Eleven Digit No.

Underpass Location No. 79 - I0040 - 0660-0-

or

--over/
under

Railroad/Walkway

Co.

Route

Log Mile

Co.

Route

Log Mile

79- 02819- 0518County Shelby

Structure Name (If Named) _____

Year Constructed _____

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 (X) GRAVEL ()

Width of Approach Traveled Roadway 50 ft. (Does Not Include Shoulders)Width of Median if Divided Highway 64 ft.Approach Shoulder Width 10 ft. Right 10 ft. Left*Horizontal Clearance Under Bridge 90 ft. 0 IN.*Distance Between Pier Protection Guardrail and Substructure 0 ft. Right 4 ft. Left

*Width of Sidewalk Under Bridge _____ ft. Right _____ ft. Left

*Minimum Vertical Clearance: 17 ft. 8 in.

*Show on Sketch

TRAFFIC SAFETY FEATURES FOR UNDERPASS ROUTE**STANDARD SUB-STANDARD NON EXIST**

Pier Protection Railing or Parapet	(G) F P C	(X)	()	()
Approach Guardrail Transitions	G F P C	()	()	(X)
Approach Guardrail	(G) F P C	(X)	()	()
Approach Guardrail Terminal	G F P C	()	()	(X)

SIGNING FOR UNDERPASS ROUTE

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

INSPECTORS

1. Bedford
2. Seager
3. _____
4. _____
5. _____
6. _____

Form BIR 3.0A (Continued)

Date _____

(Rev. 9-22-98)

DT-1443

Underpass Location No. 79 - 10040 - 0060 ^{6.52}
Co. Route Log Mile

Other Signs or Plaques: _____

Comments Regarding any Problems with Signing: _____

BRIDGE FEATURES (*.* ft.)

Bridge Skew 80.4°
 Structure Type (Main Span) Box Beam No. Main Spans 2
 Structure Type (Appr.Spans) _____ No. Appr. Spans _____
 Maximum Span Length 141 (ft.) Total Length 282' (ft.)
 Width of Bridge Out-to-Out 20' (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 4

BRIDGE CONDITION: G (F) P CDoes 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:

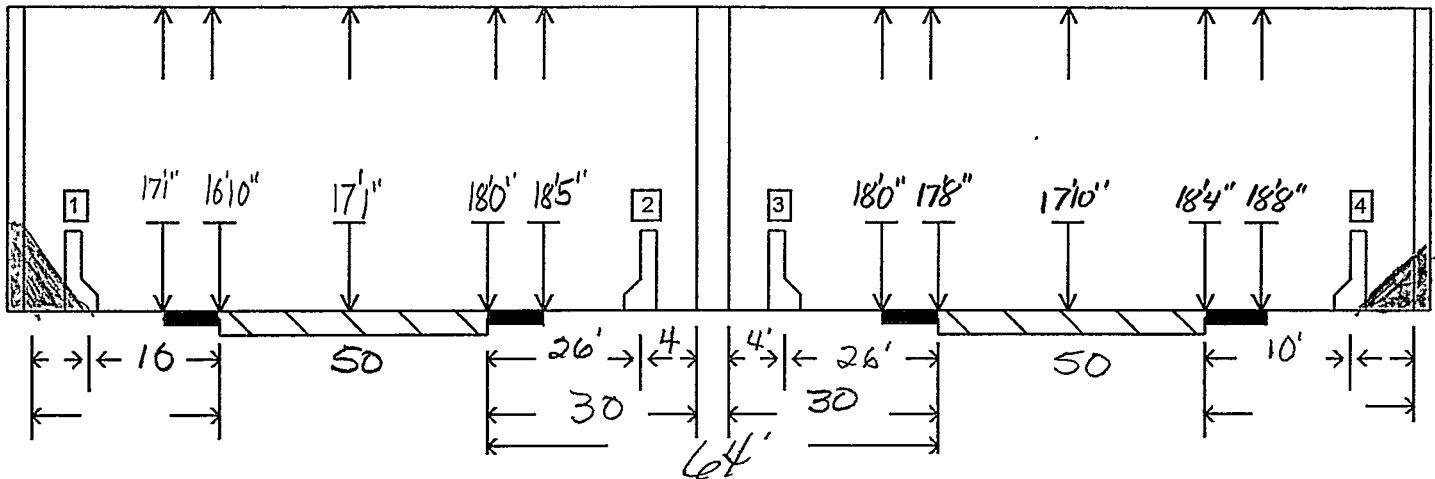
Note: If Underpass Route is Divided Highway, Use Two of These Forms, One for Each Roadway.

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

LATERAL AND VERTICAL CLEARANCES

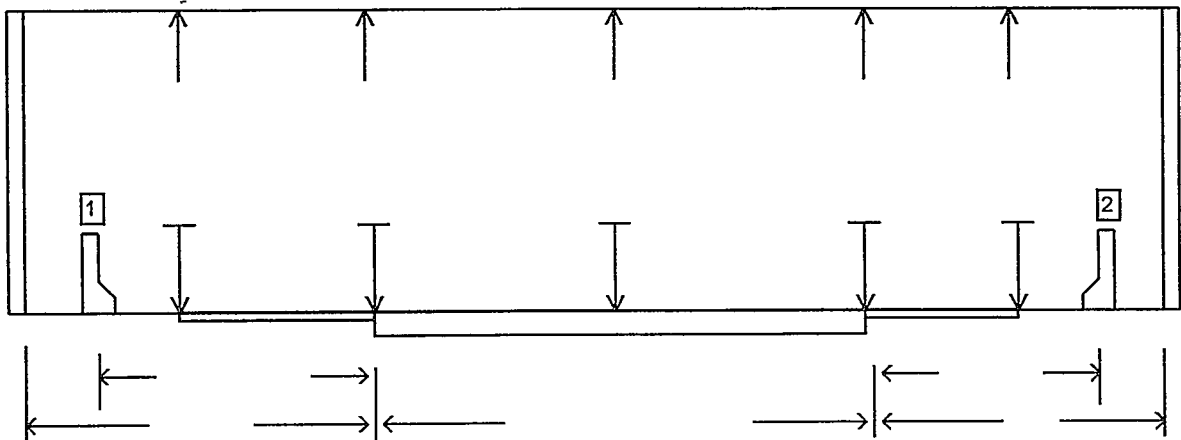
BENT/ABUT. 1 BENT 1 BENT/ABUT. 2



- | | | | | | | |
|-----------------------|--------------------|-------------------------------------|---------------|-----|------|-------------------------------------|
| 1. RAIL/BARRIER TYPE: | W-SHAPE | [] | CONC. BARRIER | [] | NONE | <input checked="" type="checkbox"/> |
| 2. RAIL/BARRIER TYPE: | W-SHAPE | <input checked="" type="checkbox"/> | CONC. BARRIER | [] | NONE | [] |
| 3. RAIL/BARRIER TYPE: | W-SHAPE | <input checked="" type="checkbox"/> | CONC. BARRIER | [] | NONE | [] |
| 4. RAIL/BARRIER TYPE: | W-SHAPE | [] | CONC. BARRIER | [] | NONE | <input checked="" type="checkbox"/> |

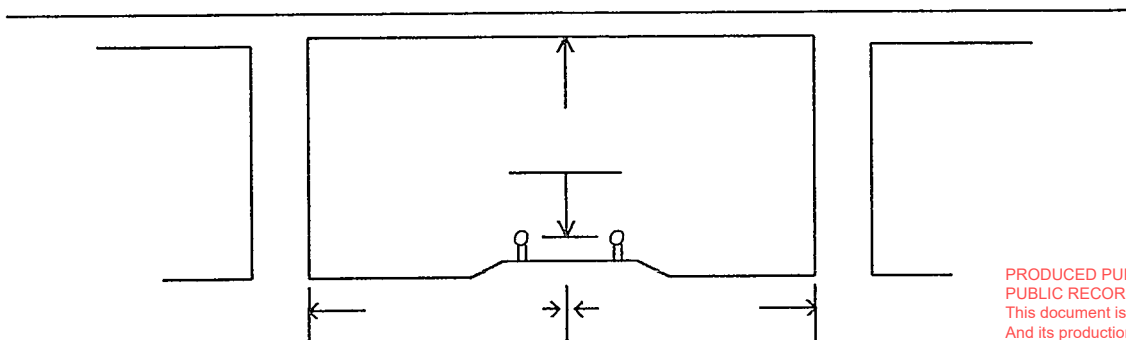
BENT/ABUT. _____

BENT/ABUT. _____



BENT/ABUT. _____

BENT/ABUT. _____



TDOT BRIDGE MOUNT SIGN INSPECTION REPORT

INSPECTION DATE: 11/4/20

SIGN NUMBER: 79SIGN000903

LOCATION: ATTACHED TO SPAN #2 RIGHT OF
79-10040-6.52 (79I00400071)

DIRECTION OF UNDERPASS ROUTE: EB

BASE PLATE BOLT DIAMETER: 3/4"

NUMBER OF BOLTS PER BASE PLATE: 2

TOTAL NUMBER OF BOLTS ATTACHING SIGN TO BRIDGE: 8

BASE BOLTS CONDITION: (G) F P C

COMMENTS: _____

FOUNDATION (PARAPET/BEAM) CONDITION: (G) F P C

COMMENTS: _____

UPPER ARMS CONDITION: (G) F P C

COMMENTS: _____

LOWER ARMS CONDITION: (G) F P C

COMMENTS: _____

SIGN FACE CONDITION: (G) F P C

COMMENTS: _____

OVERALL CONDITION: (G) F P C

SIGNATURE: NB



TDOT BRIDGE MOUNT SIGN INSPECTION REPORT

INSPECTION DATE: 11/4/24

SIGN NUMBER: 79SIGN000913

LOCATION: ATTACHED TO SPAN #2 RIGHT OF
79-10040-6.52 (79I00400071)

DIRECTION OF UNDERPASS ROUTE: EB

BASE PLATE BOLT DIAMETER: 3/4"

NUMBER OF BOLTS PER BASE PLATE: 2

TOTAL NUMBER OF BOLTS ATTACHING SIGN TO BRIDGE: 8

BASE BOLTS CONDITION: G F P C

COMMENTS: _____

FOUNDATION (PARAPET/BEAM) CONDITION: G F P C

COMMENTS: _____

UPPER ARMS CONDITION: G F P C

COMMENTS: _____

LOWER ARMS CONDITION: G F P C

COMMENTS: _____

SIGN FACE CONDITION: G F P C

COMMENTS: _____

OVERALL CONDITION: G F P C

SIGNATURE: NB

