

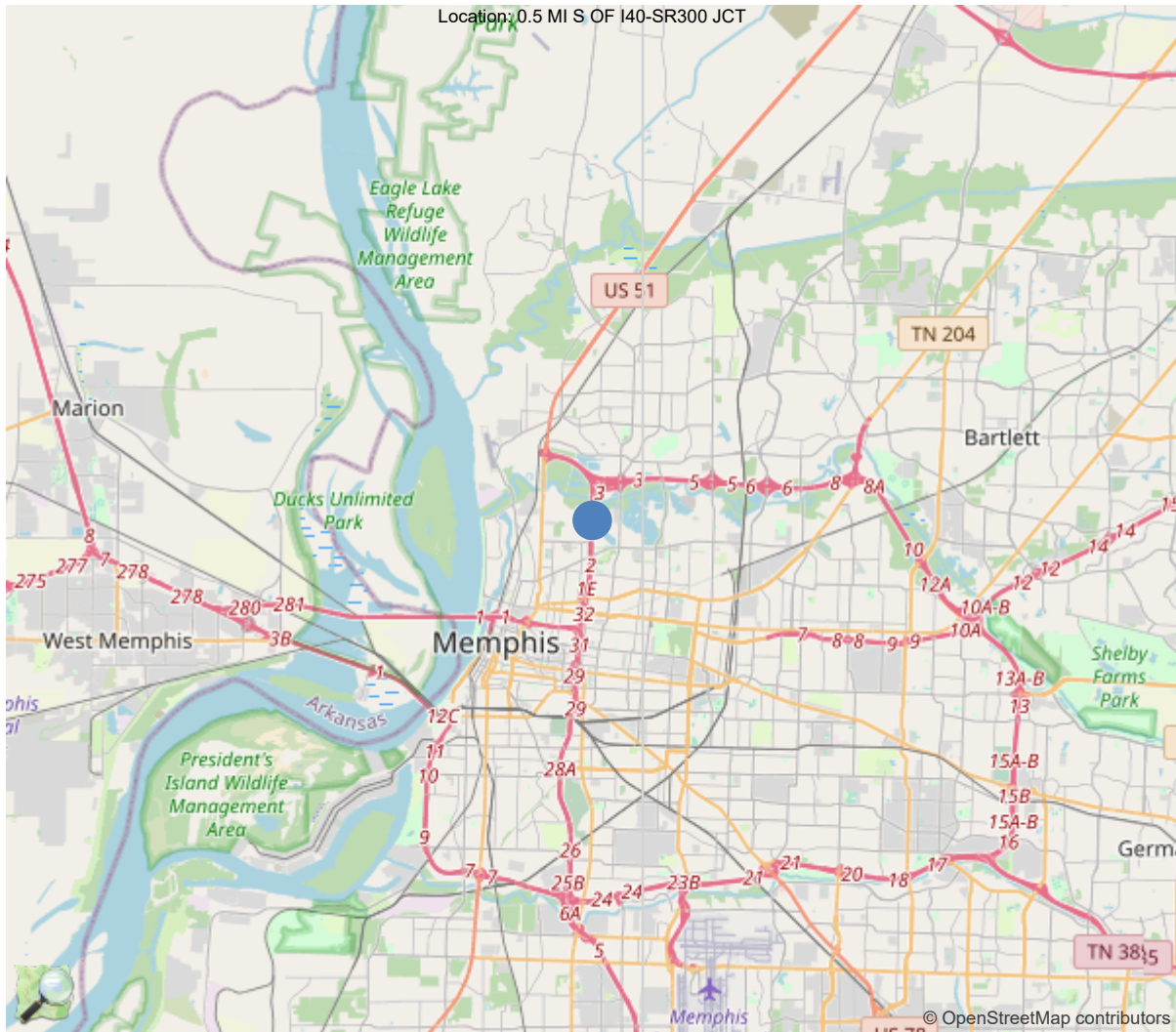


Latitude:35.18042, Longitude:-90.01775

Region 04, 79 - Shelby County

Team Leader: Nathan Bedford

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



I-40 Crossing I-40 / LEVEE RD

35.18042, -90.01775

90 - LAST INSPECTION DATE 10/31/2024

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.
1	0	0	N	65

41 - STRC OPEN/CLOSED/POSTED A

58 - DECK 7

59 - SUPERSTRUCTURE 6

60 - SUBSTRUCTURE 6

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
35.180417	-90.017750

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	79I00400057
(5) Inventory Route	1
(2) Highway Agency District	Region 4
(3) County Code	79 - Shelby
(4) Place Code	48000
(6) Features Intersected	I-40 / LEVEE RD
(7) Facility Carried	I40
(9) Location	0.5 MI S OF I40-SR300 JCT
(11) Mile Point	4.620 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	79I0040001
(16) Latitude	35.180417
(17) Longitude	-90.017750
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	52
Material	5 - Prestressed concrete *
Type	2 - Stringer/Multi-beam or girder
(44) Approach Structure Type	00
Material	0 - Other / None
Type	0 - Other / None
(45) No. of Spans in Main Unit	3
(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	2 - Preformed Fabric
Type of Deck Protection	0 - None
AGE AND SERVICE	
(27) Year Built	1964
(106) Year Reconstructed	1976
(42) Type of Service	11
On	1 - Highway
Under	1 - Highway, with or without pedestrian
(28) Lane	
On	6
Under	2
(29) Average Daily Traffic	103151
(30) Year of ADT	2021
(109) Truck ADT	8 %
(19) Bypass, Detour Length	30 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	35.5 ft
(49) Structure Length	87.8 ft
(50) Curb or Sidewalk Width	
Left	0.0 ft
Right	0.0 ft
(51) Bridge Roadway Width Curb to Curb	142.8 ft
(52) Deck Width Out to Out	144.8 ft
(32) Approach Roadway Width (W/Shoulders)	108.0 ft
(33) Bridge Median	1 - Open median
(34) Skew	90 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	54.0 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	14.50 ft
Ref:	
(55) Min Lat Underclear RT	0.0 ft
Ref:	
(56) Min Lat Underclear LT	0.0 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	1
(26) Functional Class	11 - Urban Principal Arterial
(100) Defense Highway	1 - The inventory route is on
(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	1 - The inventory route is par
(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	6
(60) Substructure	6
(61) Channel & Channel Protection	N
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	6 - MS 18+Mod / HS 20+Mod
(63) Operating Rating Method	8
(64) Operating Rating	
Type	8 - Load and Resistance Factor Rating (LRF
Rating	32.08
(65) Inventory Rating Method	8 - Load and Resistance Factor
(66) Inventory Rating	
Type	
Rating	21.06
(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	9
(69) Clearances, Vertical/Horizontal	3
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	1 - Inspected feature meets current
(36B) Transitions	0 - Inspected feature does not meet
(36C) Approach Guardrail	0 - Inspected feature does not meet
(36D) Approach Guardrail Ends	N - Not applicable or a safety feat
(113) Scour Critical Bridges	N - Bridge not over waterway.
PROPOSED IMPROVEMENTS	
(75) Type of Work	35 - Bridge rehabilitation bec
(76) Length of Structure Improvement	87.9 ft
(94) Bridge Improvement Cost	\$ 1305
(95) Roadway Improvement Cost	\$ 131
(96) Total Project Cost	\$ 1958
(97) Year of Improvement Cost Estimate	2022
(114) Future ADT	165042
(115) Year of Future ADT	2042

INSPECTIONS *			
(90) Inspection Date	10/31/2024		
(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 9:45 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) _____

Pavement (Fair) Cracks up to 1/8", rough patchwork

Embankment (Good) _____

TRAFFIC SAFETY FEATURES

Bridge Railing Rating (Good) _____

Transitions Rating (Good) _____

Guardrail Rating (Good) _____

Guardrail Terminal Rating (Good) _____

SIGNS POSTED ON ROUTE

Paddleboards No

Vertical Clearance (<14'-6") Needed

Posted Height _____

Narrow Bridge Signs No

One Lane Bridge Signs No

Other Signs or Plaques _____

Weight Limit Posted Not Needed

Gross Tons

Single-unit Vehicle Tons

Multi-unit Vehicle Tons

564 Assigned Bridge Name _____

ATTACHED SIGNS

Sign No	Location	Text on Sign	Noted Defects
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DECK

Wearing Surface Type		Asphalt	Wearing Surface Depth	6
Wearing Surface	(Good)	1/16 " cracks in asphalt		
Deck - Structural Condition	(Good)	Hairline cracks with efflorescence		
Parapet	(Fair)	Collision damage, surface steel and 1/16" cracks		

SUPERSTRUCTURE

Bearing Devices	(Good)	
Beams	(Poor)	Damage and exposed prestress span 2 A is poor
Diaphragms	(Good)	
Alignment of Members	(Good)	

TEXTURE COAT

Earthquake Devices	(Good)	
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ABUTMENTS

Abutment Caps	(Good)	Hairline cracks and impending spall
Abutment Wings	(Good)	
Abutment Backwall	(Good)	
Abutment Plumb	(Good)	
Abutment Piles	(Not Visible)	
Abutment Embankment	(Good)	
Abutment Bearing Surface	(Good)	
Abutment Slope Paving	(Poor)	Abutment 2 broken areas and 1/4" cracks

PIERS

BENTS

Bent Caps	(Fair)	Collision damage, spalling , spalling , hairline cracks
Bent Columns	(Fair)	Collision damage
Bent Plumb	(Good)	
Bent Footing	(Not Visible)	
Bent Bearing Surface	(Good)	

Inspection Team's Summary

This is a three span concrete I-beam bridge with metal approach rails and concrete parapets. The asphalt approaches have cracks up to 1/8" and rough patchwork. The asphalt wearing surface has cracks up to 1/16". The bottom deck has hairline cracks and efflorescence. Superstructure has damage and exposed rebar. Span 2 CIB "A" has heavy damage and exposed rebar. The substructure has collision damage, hairline eff cracks and spalling. The slope paving at abutment 2 is broken & cracked. There is tree growth under the bridge. The minimum vertical clearance is 14'6".

General Inspection Comment

HQ notes to TL

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Re Concrete Deck	SF	9701	9651	50	0	0
1120	Efflorescence/Rust Staining	SF	50	0	50	0	0
510	Wearing Surfaces	SF	9568	9568	0	0	0
(12) Element record added 2015-01-20.							
(1120-12) Element record added 9/29/2020							
(510-12) Element record added 2015-01-20.							
109	Pre Opn Conc Girder/Beam	LF	1072	1051	21	0	0
1080	Delamination/Spall/Patched Area	LF	10	0	10	0	0
1100	Exposed Prestressing	LF	1	0	1	0	0
7000	Damage	LF	10	0	10	0	0
(109) Element record added 2015-01-20.							
(1080-109) Element record added 9/26/2022							
(1100-109) Element record added 9/26/2022							
(7000-109) Element record added 9/29/2020							
205	Re Conc Column	EA	12	9	3	0	0
1080	Delamination/Spall/Patched Area	EA	3	0	3	0	0
(205) Element record added 2015-01-20.							
(1080-205) Element record added 9/26/2022							
215	Re Conc Abutment	LF	290	282	8	0	0
1080	Delamination/Spall/Patched Area	LF	1	0	1	0	0
1130	Cracking (RC and Other)	LF	7	0	7	0	0
(215) Element record added 2015-01-20.							
(1130-215) Element record added 9/29/2020							
234	Re Conc Pier Cap	LF	286	281	5	0	0
1080	Delamination/Spall/Patched Area	LF	5	0	5	0	0
(234) Element record added 2015-01-20.							
(1080-234) Element record added 9/26/2022							
310	Elastomeric Bearing	EA	48	48	0	0	0
(310) Element record added 2015-01-20.							
331	Re Conc Bridge Railing	LF	201	101	100	0	0
1130	Cracking (RC and Other)	LF	100	0	100	0	0
(331) Element record added 2015-01-20.							

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
(1130-331) 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



Opposite direction of route EB lanes



Approach #2 EB lanes



Looking right



Top deck looking forward EB lanes



Approach #1 EB lanes



Bridge number



Direction of route EB lanes



Direction of route WB lanes



Top deck looking forward WB lanes



Approach #1 WB lanes



Looking left



Approach #2 WB lanes



Opposite direction of route WB lanes



Bent 1



Abutment 1



Bridge number



Bent 1



Bent 1 cap, spalling



Bent 1 , Column A, damage



Bent 1 cap, spalling



Bent 1 cap, collision damage



Bent 1 , Column F , collision damage



Bent 2



Abutment 2



Broken area abutment 2 slope paving 18 ' wide x 6' long



Right elevation



Left elevation

Maintenance Recommendations

525 - Repair List # 2 523 - Repair List Add Date 7/7/2020 1 524 - Repair List Revise Date 9/26/2022

Date Added	Recommendation	Priority
04/12/2000	APPROACH GUARDRAILS ARE SUBSTANDARD	
04/24/2002	UNDERPASS SUBSTRUCTURE PROTECTION GUARDRAILS ARE NON-EXISTENT	
10/31/2024	REPAIR CONCRETE I BEAM "A" IN SPAN NO.2	
10/31/2024	CUT VEGETATION	
09/29/2023	ADD VERTICAL CLEARANCE SIGNS AT BOTH APPROACHES	

SHELBY COUNTY

79-10040-0462

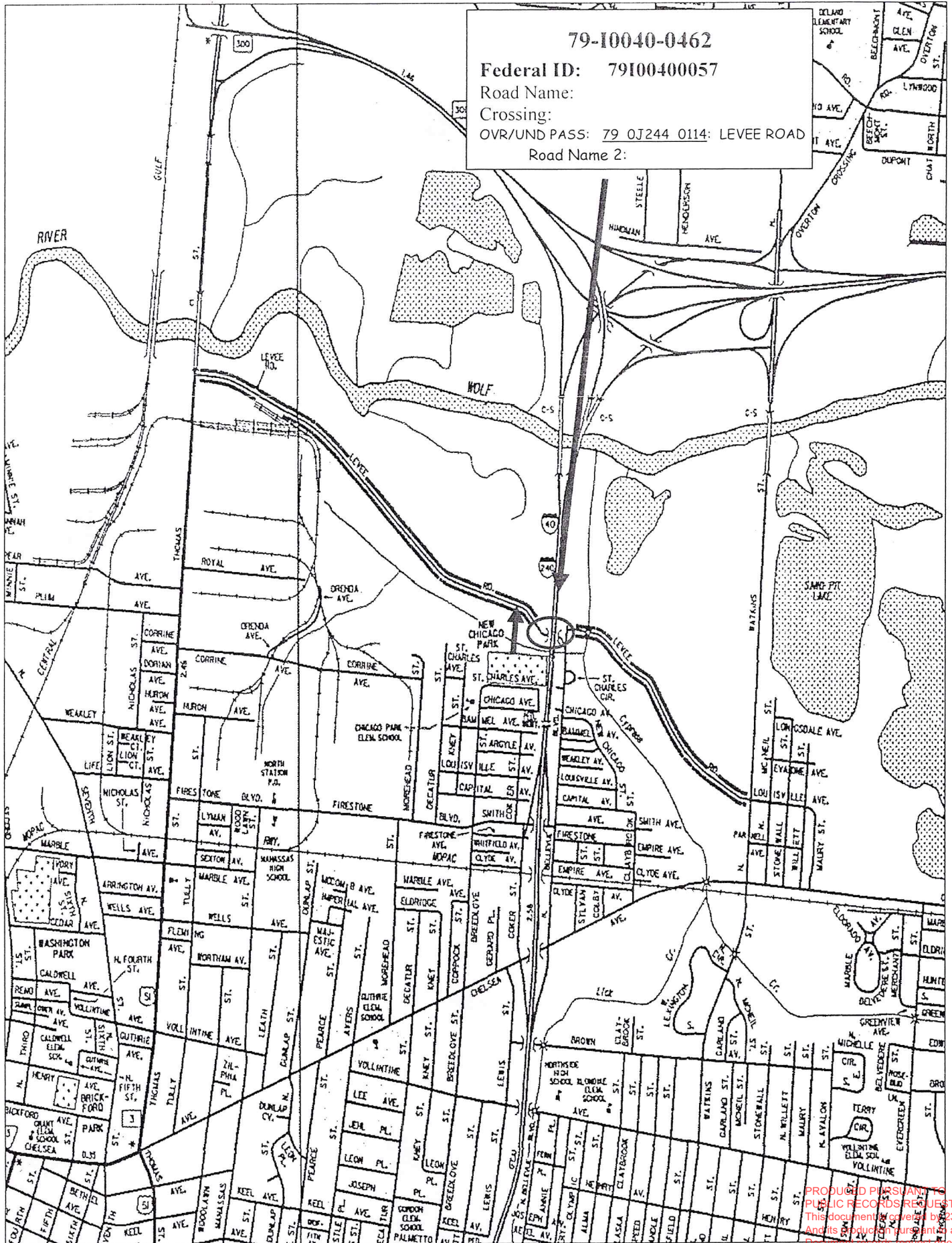
Federal ID: 79100400057

Road Name:

Crossing:

OVR/UND PASS: 79 0J244 0114: LEVEE ROAD

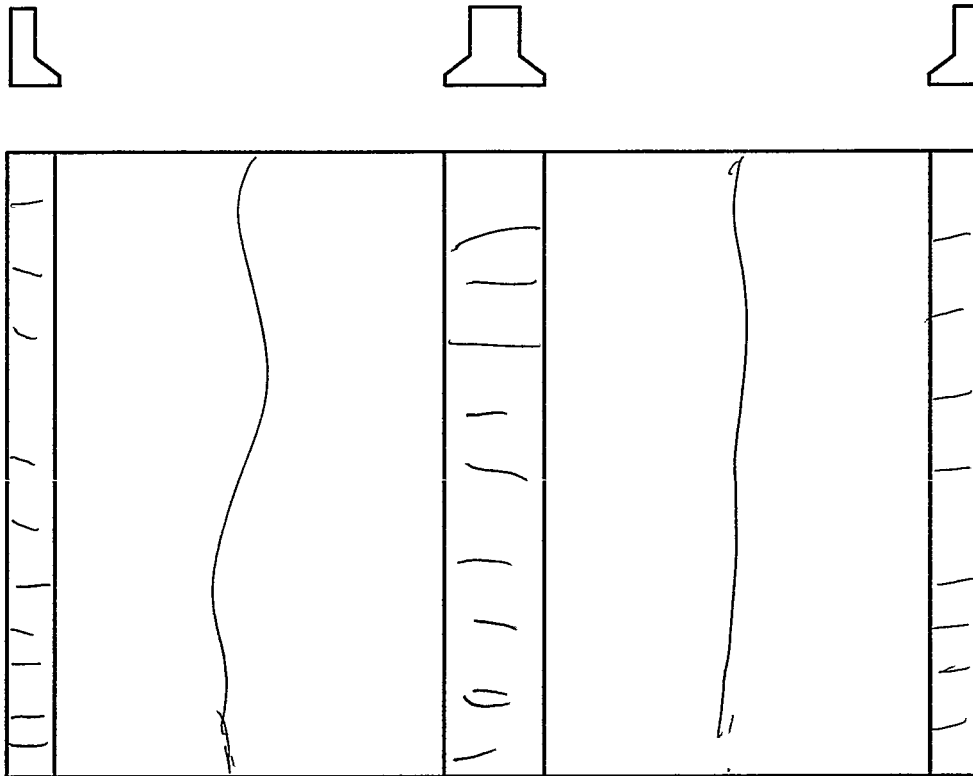
Road Name 2:



79 I-40 4.62

Bridge No. Co. Route Log Mile R/L Skew

SPAN. NO. 1



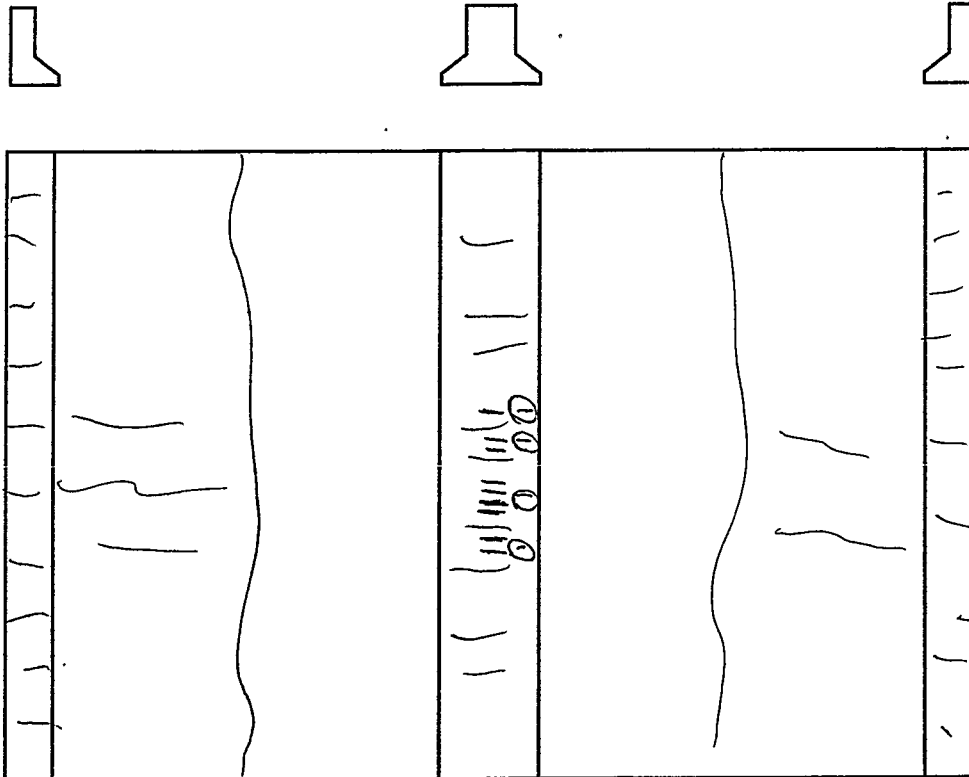
ELEMENT	RATING	COMMENT
TOP DECK	G F P C	1/16" CRACKS
PARAPET	G F P C	1/16" CRACKS
DRAINS	G F P C	
JOINTS	G F P C	
MIDDLE PARAPET	G F P C	1/16" CRACKS

4.62

79 I-40 ~~4/11~~

Bridge No. Co. Route Log Mile R/L Skew

SPAN. NO. 2



① Surface steel $\frac{1''}{H} \times \frac{3''}{W} \times \frac{1/2''}{D}$

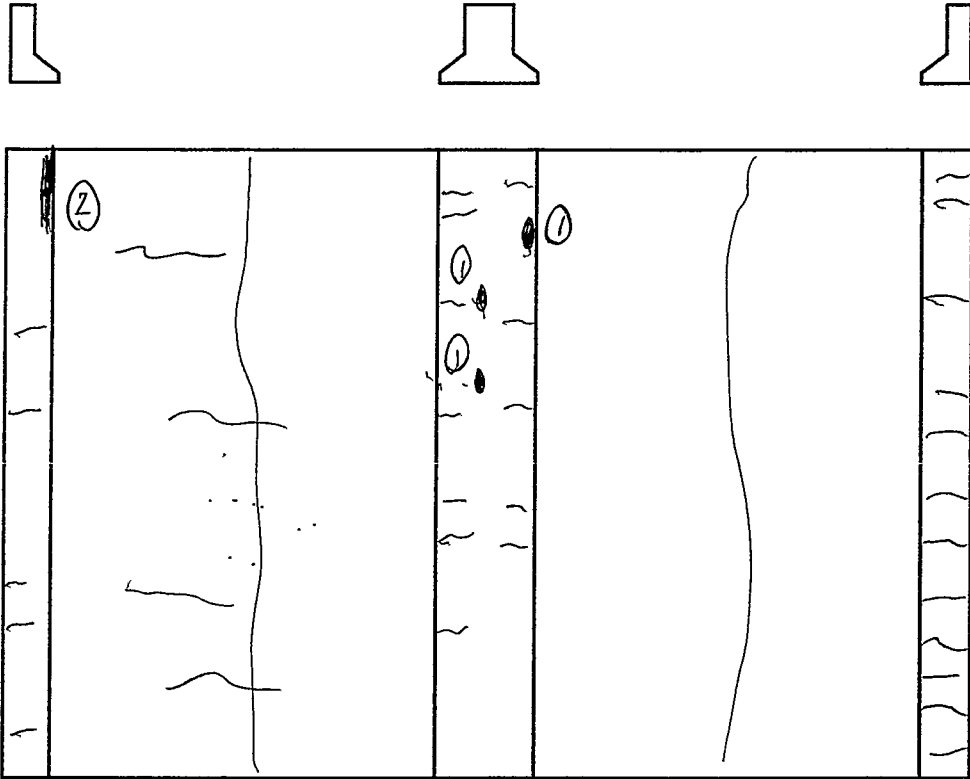
ELEMENT	RATING	COMMENT
TOP DECK	G F P C	1/16" cracks
PARAPET	G (F) P C	1/16" cracks
DRAINS	G F P C	
JOINTS	G F P C	
MIDDLE PARAPET	G (F) P C	① + 1/16" cracks

4.62

79 I-40

~~4.62~~

Bridge No. Co. Route Log Mile R/L Skew

SPAN. NO. 3

ELEMENT	RATING	COMMENT
TOP DECK	G E P C	up to 1/32" cracks
PARAPET	G F P C	see ② & up to 1/32" cracks
DRAINS	G F P C	
JOINTS	G F P C	
MIDDLE PARAPET	G F P C	see ① & up to 1/32" cracks

① Collision Damage
18" L X 4" H X 1" D

② Collision Damage
3' L X 4" H X 0.5" D

BH. NO. 79. T-40. 4.62 SK.

SPAN NO. 1

LOOKING

LOOKING

A	
B	
C	
D	
E	
F	
G	
H	
I	
J	
K	
L	
M	
N	
O	
P	

DIR. OF ROUTE

BRIDGE NO. 79 I-40-14.62BENT NO. _____ SPAN NO. 1 ABT. NO. _____ PIER NO. _____

ELEMENT	RATING	COMMENTS
BOTTOM DECK	Ⓒ F P C	
CONC. I. BEAMS		
A B C	Ⓒ F P C	
	G F P C	
D E F	Ⓒ F P C	
	G F P C	
G H I	Ⓒ F P C	
	G F P C	
J K L	Ⓒ F P C	
	G F P C	
M N O	Ⓒ F P C	
	G F P C	
P	Ⓒ F P C	
BACKWALLS	Ⓒ F P C	
DIA.	Ⓒ F P C	

BH. NO. 79 J-40-4.62 SK.

SPAN NO. 2

LOOKING

LOOKING

	A
	B
	C
	D
	E
	F
	G
	H
	I
	J
	K
	L
	M
	N
	O
	P

DIR. OF ROUTE

BRIDGE NO. 79 I-40 A. 612BENT NO. _____ SPAN NO. 2 ABT. NO. _____ PIER NO. _____

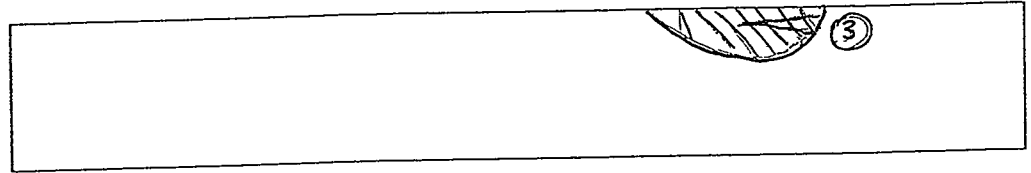
ELEMENT	RATING	COMMENTS
BOTTOM DECK	(G) F P C	
CONC. I. BEAMS		
B C	(G) F P C	
A	G F (P) C	See detail sheet
D E F	(G) F P C	
	G F P C	
G H I	(G) F P C	
	G F P C	
J K L	(G) F P C	
	G F P C	
M N O	(G) F P C	
	G F P C	
P	(G) F P C	
EQ		(G)
BACKFILLS	G F P C	
DIA.	(G) F P C	

BR. NO. 79-10040-462

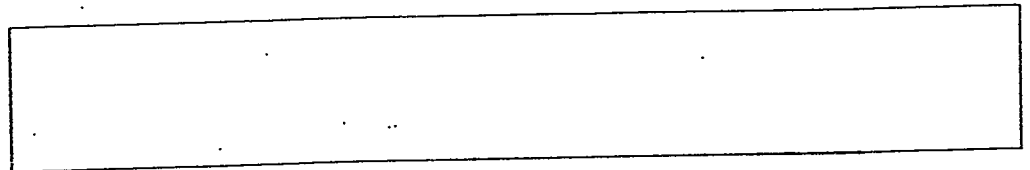
DATE 7-1-20

SPAN NO. 2

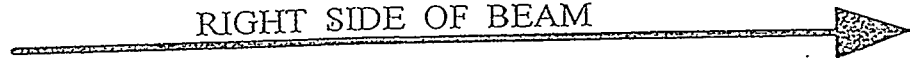
BEAM "A"



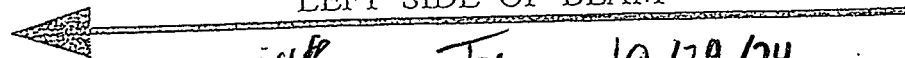
BOTTOM OF BEAM



RIGHT SIDE OF BEAM



LEFT SIDE OF BEAM



M/K

FL

10/29/24

① Damage

10' L x 6" H x up to 3" D

② Damage

1' H x 1" W x 1/4" D

③ Damage with exposed prestressing

7' L x 8" W x up to 3 1/2" D

BH. NO. 79 T-40 - 462 SK.

SPAN NO. 3

LOOKING

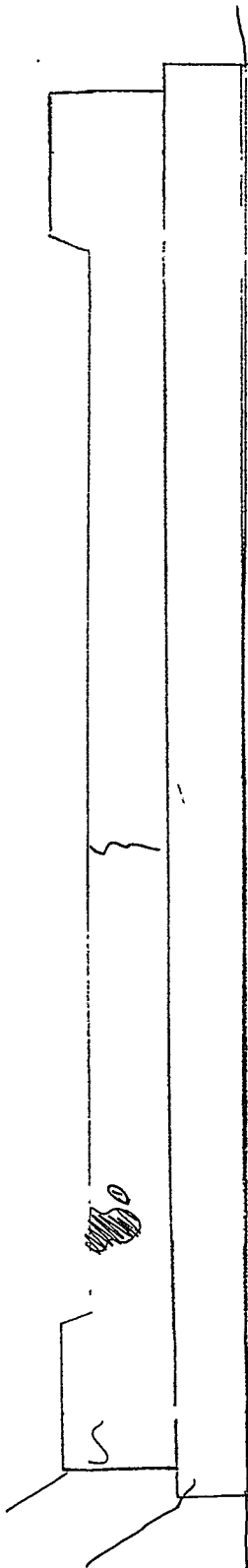
LOOKING

	A
	B
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DIR. OF ROUTE

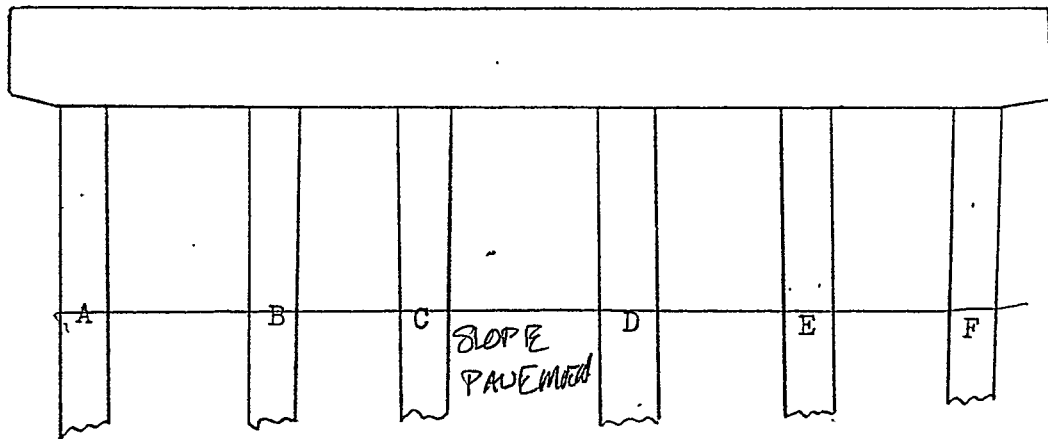
BRIDGE NO. 79 I.40 - A.62BENT NO. _____ SPAN NO. 3 ABT. NO. _____ PIER NO. _____

ELEMENT	RATING	COMMENTS
BOTTOM DECK	<u>G</u> F P C	h ₂ #4
CONC. I. BEAMS		
A B C	<u>G</u> F P C	
	G F P C	
D E F	<u>G</u> F P C	
	G F P C	
G H I	<u>G</u> F P C	
	G F P C	
J K L	<u>G</u> F P C	
	G F P C	
M N O	<u>G</u> F P C	
	G F P C	
P	<u>G</u> F P C	
BACKWALLS	<u>G</u> F P C	
DIA.	<u>G</u> F P C	

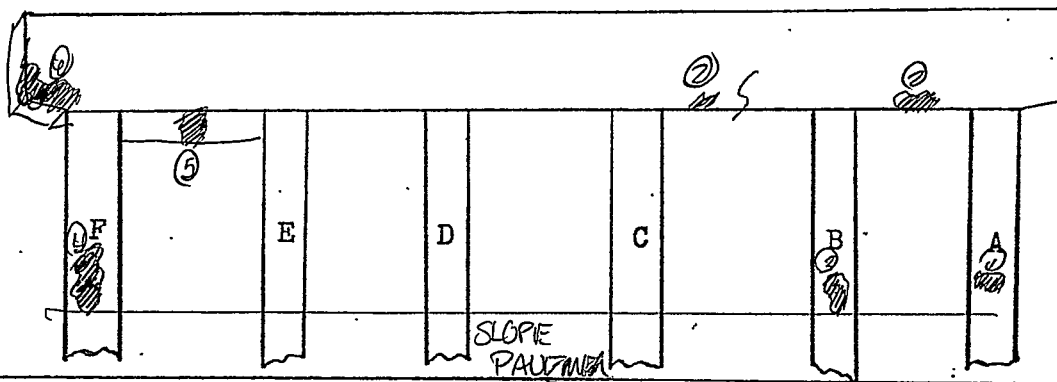


ELEMENT	RATING	SLOPE PAVEMENT	LOOKING BACK	COMMENT
BEARING	G F P C			Dry Spill
CAP	G F P C			2' L x 4' 11" H x 7/16"
WINGS.	G F P C			
SLOPE PAVING	G F P C			See (1), Hardware Cracks
EMBANKMENT	G F P C			1/2" cracks, Settling
VEGETATION	G F P C			Med Growth
EQ	Good			

FRONT



REAR



ELEMENT	RATING	COMMENT
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BEARINGS

G F P C

N/A

CAP

G (F) P C

See (2), (3), (4)

COLUMNS A

G (F) P C

See (1)

B

G F P C

See (2)

C

G F P C

D

G F P C

E

G F P C

F

G (F) P C

See (4)

FOOTING

EQ

G F P C

Surface Corrosion on bolts

(2) Spalling

2' L x 5" W x 1" D

(1) Damage

8" H x 1' W x 1" D

(4) Collision damage

2' H x 3' W
x 1' L x 1" D

(2) Spall (up to)

6" H x 1/2' W

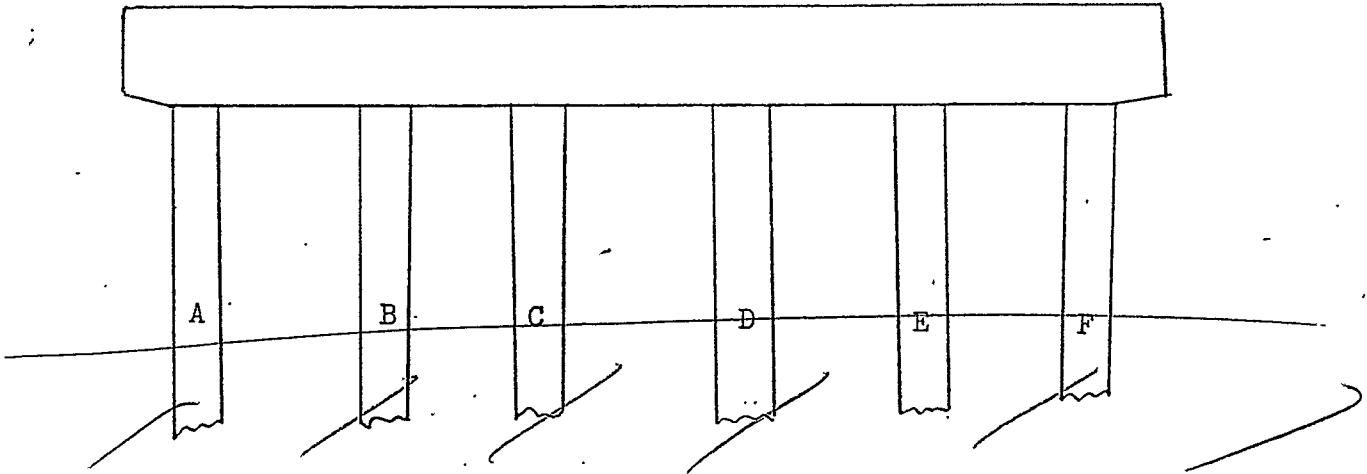
(3) Damage (up to)

1' H x 1' W x 1/8" D

(4) Collision damage

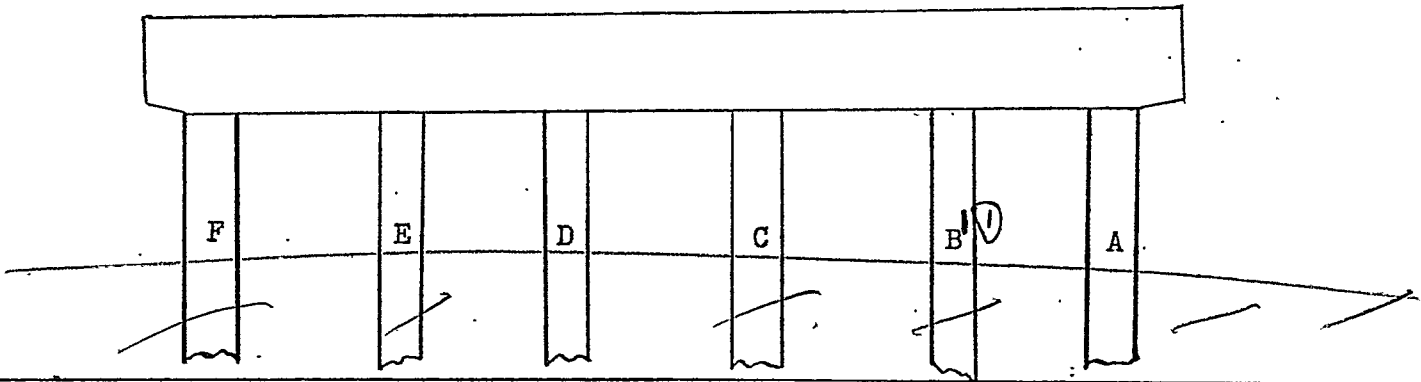
3' H x 1' W x 1" D

FRONT



① Surface Steel
1" 4" 1"
1/4" x 1/2" x 1/8"

REAR



ELEMENT RATING COMMENT

BEARINGS (G) F P C

CAP (G) F P C

COLUMNS A (G) F P C

B (G) F P C

C (G) F P C

D (G) F P C

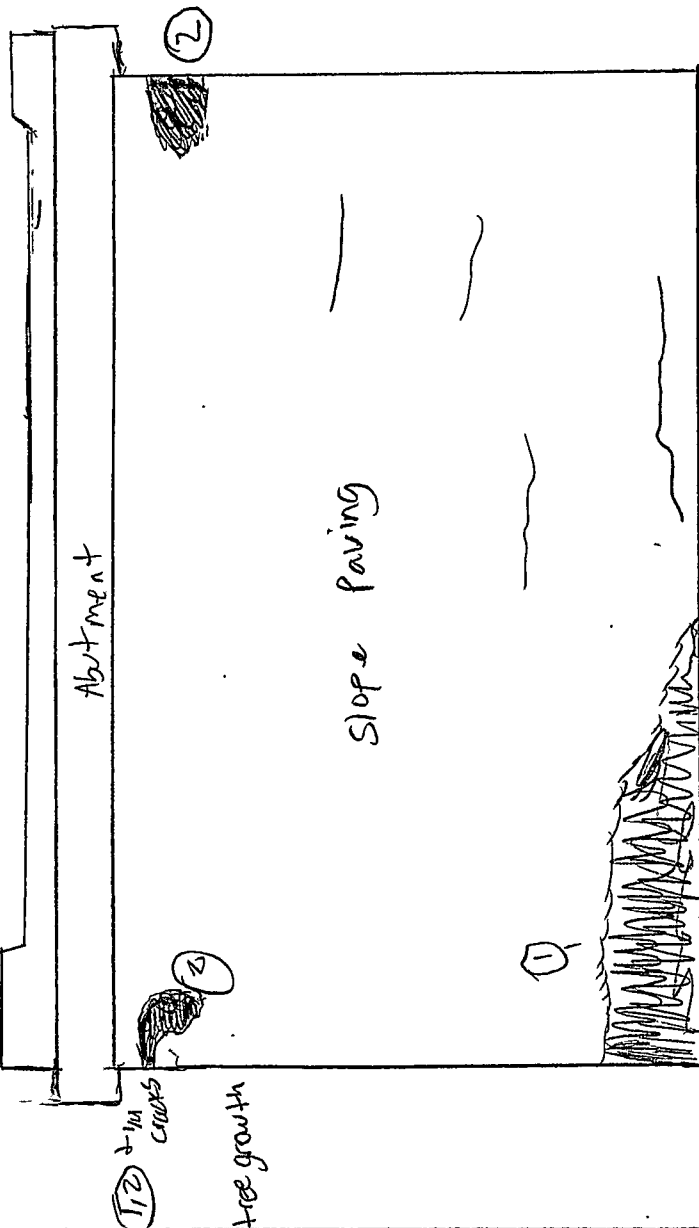
E (G) F P C

F (G) F P C

FOOTING G F P C

①

WV

ELEMENT	RATING	LOOKING Ahead COMMENT
BEARING	G F P C	
CAF	G F P C	
WINGS.	G F P C	
SLOPE PAVING	G F P C	
EMBANKMENT	G F P C	
VEGETATION	G F P C	

(1) broken Area on slope paving $\frac{18' \times 6'}{w}$
 (2) broken Area on slope paving $\frac{5' \times 4'}{w}$

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. 79I00400057

Eleven Digit No.

79 - I0040 - 0462

Co. Route Log Mile

Over/
Under79 - 0J244 - 0114 2

Co. Route Log Mile

or

-

-

or

-

-

Railroad/Walkway

Co. Route Log Mile

Co. Route Log Mile

County SHELBYRoad Name: LEVEE ROADYear Constructed 1964

Structure Name (If Named) _____

Year Widened _____

Year Rehabilitated 1976**GEOMETRIC FEATURES UNDER BRIDGE**

(*. * ft. unless otherwise noted)

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

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

Width of Approach Traveled Roadway 30 ft. (Does Not Include Shoulders)Width of Median if Divided Highway N/A ft.Approach Shoulder Width 0 ft. Right 0 ft. Left*Horizontal Clearance Under Bridge 32 ft. 0 in.*Distance Between Pier Protection
Guardrail and SubstructureN/A ft. Right N/A ft. Left*Width of Sidewalk Under Bridge N/A ft. Right N/A ft. Left*Minimum Vertical Clearance: 14 ft. 6 in.

*Show on Sketch

TRAFFIC SAFETY FEATURES FOR UNDERPASS ROUTE

		<u>STANDARD</u>	<u>SUB-STANDARD</u>	<u>NON EXIST</u>
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 (X)

Narrow Passage YES () NO (X) NEEDED ()

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

Other Underpass Signs Needed

INSPECTORS

1. S. Hayes
2. _____
3. _____
4. _____
5. _____
6. _____

Form BIR 3.0A (Continued)

Date _____

(Rev. 9-22-98)

DT-1443

79 - I0040 - 0462
Co. Route Log Mile

Over/
Under

79 - 0J244 - 0114 2
Co. Route Log Mile

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) CONCRETE I. BEAM No. Main Spans 3

Structure Type (Appr.Spans) _____ No. Appr. Spans _____

Maximum Span Length 36.0 (ft.) Total Length 67.0 (ft.)Width of Bridge Out-to-Out 144.8 (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 6**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 Members 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

BRIDGE LOC. NO. 79 I0040 0462
CO. ROUTE L. M. L/R

DATE: _____

LATERAL AND VERTICAL CLEARANCES

79 - 0J244 - 0114 2
Co. Route Log Mile

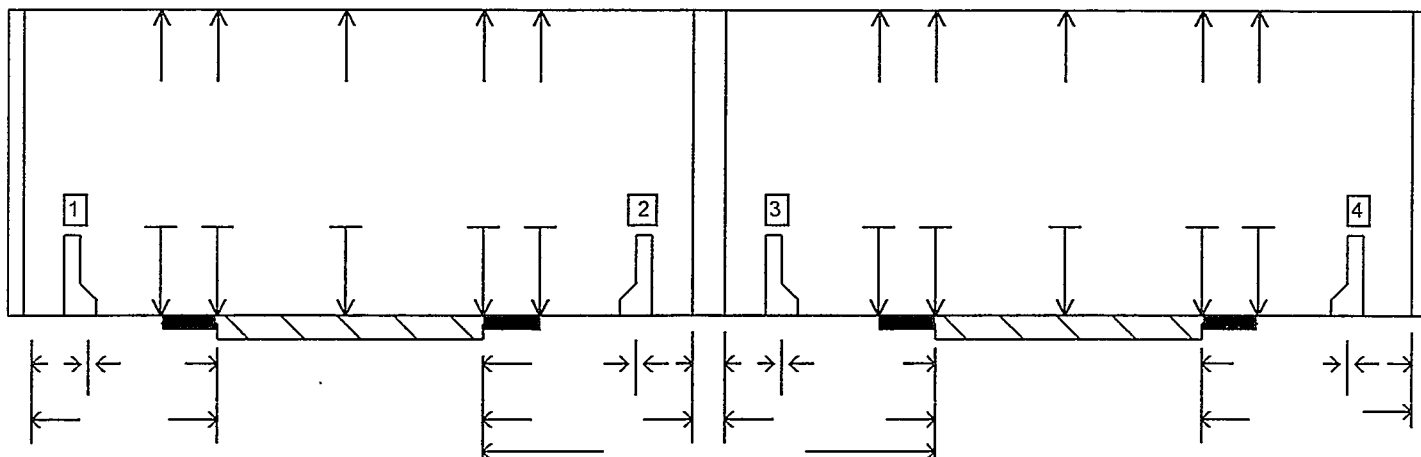
or - - -
Co. Route Log Mile

or - - -
Co. Route Log Mile

BENT/ABUT. _____

BENT _____

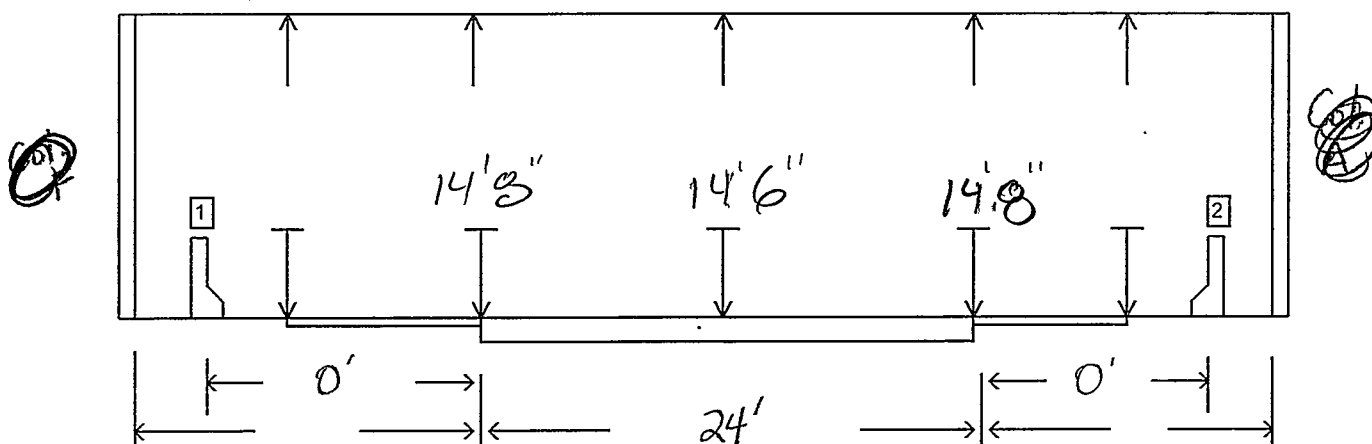
BENT/ABUT. _____



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

