

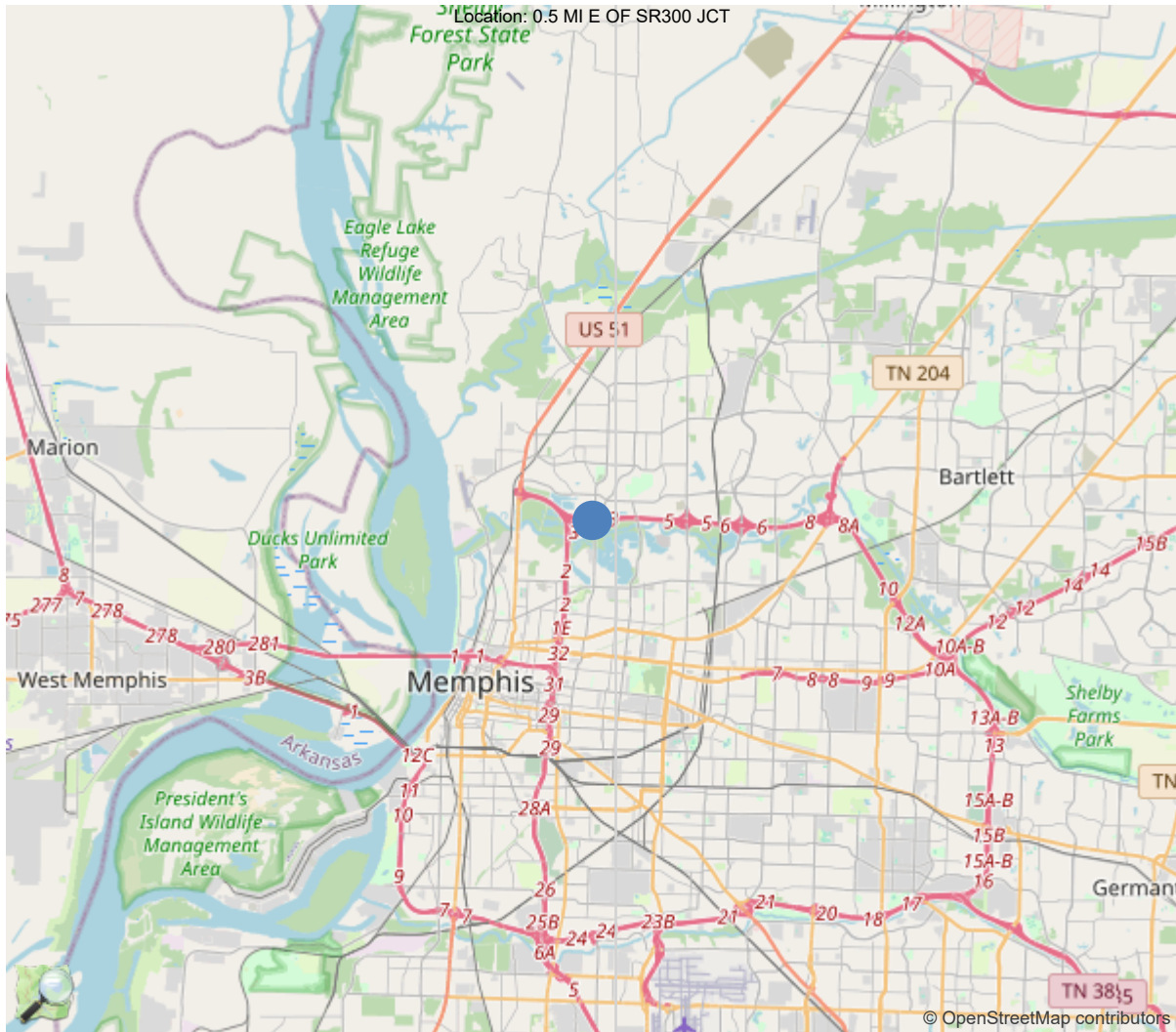


Latitude:35.19144, Longitude:-90.00828

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 E.B. / N WATKINS ST

35.19144, -90.00828

90 - LAST INSPECTION DATE 11/04/2024

10 - MIN. V.C. OVER DECK 99.99 FT.
(ROADWAY + SHOULDERS)

520 - MIN. V.C. OVER DECK 99.99 FT.
(EXCLUDES SHOULDERS)

36 - TRAFFIC SAFETY FEATURES

| Br. Rail | Trans. | Appr. Rail | Terminal | SPEED LIM. |
|----------|--------|------------|----------|------------|
| 1 | 0 | 0 | 1 | 65 |

41 - STRC OPEN/CLOSED/POSTED A

58 - DECK 7

59 - SUPERSTRUCTURE 7

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

35.191444

-90.008278

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 | 79I00400069 |
| (5) Inventory Route | 1 |
| (2) Highway Agency District | Region 4 |
| (3) County Code | 79 - Shelby |
| (4) Place Code | 48000 |
| (6) Features Intersected | I-40 E.B. / N WATKINS ST |
| (7) Facility Carried | I40-RL |
| (9) Location | 0.5 MI E OF SR300 JCT |
| (11) Mile Point | 5.680 mi |
| (12) Base Highway Network | Yes |
| (13) LRS Inventory Rte & Subrte | 79I0040001 |
| (16) Latitude | 35.191444 |
| (17) Longitude | -90.008278 |
| (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 | 0 - None |
| AGE AND SERVICE | |
| (27) Year Built | 1979 |
| (106) Year Reconstructed | 0 |
| (42) Type of Service | 11 |
| On | 1 - Highway |
| Under | 1 - Highway, with or without pedestrian |
| (28) Lane | |
| On | 6 |
| Under | 6 |
| (29) Average Daily Traffic | 103151 |
| (30) Year of ADT | 2021 |
| (109) Truck ADT | 8 % |
| (19) Bypass, Detour Length | 1 mi |
| GEOMETRIC DATA | |
| (48) Length of Maximum Span | 107.0 ft |
| (49) Structure Length | 200.0 ft |
| (50) Curb or Sidewalk Width | |
| Left | 0.0 ft |
| Right | 0.0 ft |
| (51) Bridge Roadway Width Curb to Curb | 96.0 ft |
| (52) Deck Width Out to Out | 98.0 ft |
| (32) Approach Roadway Width (W/Shoulders) | 96.0 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 | 96.0 ft |
| (53) Min Vert Clear Over Bridge Rdwy | 99.99 ft |
| (54) Min Vert Underclear | 16.83 ft |
| Ref: | |
| (55) Min Lat Underclear RT | 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 | R - The right structure of par |
| (102) Direction of Traffic | 1 - 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 | 7 |
| (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 | 39.85 |
| (65) Inventory Rating Method | 8 - Load and Resistance Factor |
| (66) Inventory Rating | |
| Type | |
| Rating | 29.16 |
| (70) Bridge Posting | 5 - Equal to or above legal loads |
| (41) Structure Open/Posted/Closed | A - Open, no restriction |
| APPRAISAL | |
| (67) Structural Evaluation | 7 |
| (68) Deck Geometry | 7 |
| (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 | 1 - Inspected feature meets current |
| (113) Scour Critical Bridges | N - Bridge not over waterway. |
| PROPOSED IMPROVEMENTS | |
| (75) Type of Work | |
| (76) Length of Structure Improvement | ft |
| (94) Bridge Improvement Cost | \$ |
| (95) Roadway Improvement Cost | \$ |
| (96) Total Project Cost | \$ |
| (97) Year of Improvement Cost Estimate | |
| (114) Future ADT | 165042 |
| (115) Year of Future ADT | 2042 |

| 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 11:15 AM

Weather Conditions Sunny 74°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 (Poor)

Approach 1&2 have 1/2" cracks,spall,and rough patching

Embankment (Fair)

Light washing approach 2 right

Approach Drains (Poor)

Approach 1&2 right are full of debris

TRAFFIC SAFETY FEATURES

Bridge Railing Rating (Fair)

Transitions Rating (Fair)

Approach 2 right has light damage

Guardrail Rating (Good)

Guardrail Terminal Rating (Fair)

Approach 2 right is not attached

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 |
|------------------|-------------------|------------------|---------------|
| 79SIGN00 1273 | SPAN 2 RIGHT SIDE | WEST TO I40 SR51 | |

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PUBLIC RECORDS REQUEST

This document is covered by 23 USC §407
And its production pursuant to a public
Document records request does not
Waive the provisions of §407

DECK

| Wearing Surface Type | | Asphalt | Wearing Surface Depth | 5 |
|-----------------------------|--------|--|-----------------------|---|
| Wearing Surface | (Fair) | Up to 1/8" cracking and patched potholes | | |
| Deck - Structural Condition | (Good) | | | |
| Parapet | (Fair) | Up to 1/32" cracks | | |

SUPERSTRUCTURE

| | | |
|----------------------|--------|--|
| Beams | (Good) | |
| Alignment of Members | (Good) | |

TEXTURE COAT

ABUTMENTS

| | | |
|--------------------------|---------------|--------------------------------|
| Abutment Caps | (Fair) | 1/8" cracks with efflorescence |
| Abutment Wings | (Fair) | 1/8" cracks with efflorescence |
| Abutment Backwall | (Good) | |
| Abutment Plumb | (Good) | |
| Abutment Piles | (Not Visible) | |
| Abutment Embankment | (Good) | |
| Abutment Bearing Surface | (Good) | |
| Abutment Slope Paving | (Good) | |

PIERS

BENTS

| | | |
|----------------------|---------------|-------------|
| Bent Columns | (Good) | Damage area |
| 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 and concrete bridge parapets. The asphalt approach roadway has cracks up to 1/2", potholes, and rough patchwork. The approach drains are filled with debris. The asphalt wearing surface has cracks up to 1/8" and rough patchwork. The bottom deck has no problems. The concrete box beam has no problems. The concrete substructure has cracks up to 1/8" and efflorescence. 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 | 19208 | 19208 | 0 | 0 | 0 |
| 510 | Wearing Surfaces | SF | 18816 | 17816 | 1000 | 0 | 0 |
| 3220 | Crack (Wearing Surface) | SF | 1000 | 0 | 1000 | 0 | 0 |
| (12) Element record added 12/22/2016 | | | | | | | |
| (3220-510-12) Element record added 9/29/2020 | | | | | | | |
| 105 | Re Clsd Box Girder | LF | 196 | 196 | 0 | 0 | 0 |
| (105) Element record added 12/5/2018 | | | | | | | |
| 205 | Re Conc Column | EA | 4 | 4 | 0 | 0 | 0 |
| (205) Element record added 2015-01-15. | | | | | | | |
| 215 | Re Conc Abutment | LF | 200 | 181 | 19 | 0 | 0 |
| 1120 | Efflorescence/Rust Staining | LF | 7 | 0 | 7 | 0 | 0 |
| 1130 | Cracking (RC and Other) | LF | 12 | 0 | 12 | 0 | 0 |
| (215) Element record added 2015-01-15. | | | | | | | |
| (1120-215) Element record added 9/28/2022 | | | | | | | |
| (1130-215) Element record added 9/28/2022 | | | | | | | |
| 331 | Re Conc Bridge Railing | LF | 392 | 392 | 0 | 0 | 0 |
| (331) Element record added 2015-01-15. | | | | | | | |

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



Approach 2 right terminal not attached



Approach 1 asphalt



Opposite direction of route



Approach 2 pavement



Looking right



View across deck



Approach 1 pavement



Direction of route



Back of bridge mounted sign



Bridge mounted sign upper connection



Back of bridge mount sign



Front of bridge mount sign



Right elevation



Abutment 1 cap



Abutment 1 crack



Bridge number



Bent 1



Abutment 2 , 1/8" cracks



Abutment 2



Bent 1 , stem C , damage



Span 1

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 | CLEAR APPROACH DRAINS. | |
| 03/22/2011 | UNDERPASS SUBSTRUCTURE PROTECTION GUARDRAILS ARE NON-EXISTENT | |
| 09/30/2020 | LEVEL THE WEARING SURFACE AT BOTH APPROACHES. | |
| 12/23/2016 | APPROACH GUARDRAILS ARE SUBSTANDARD | |

SHELBY COUNTY

79-10040-0568 R

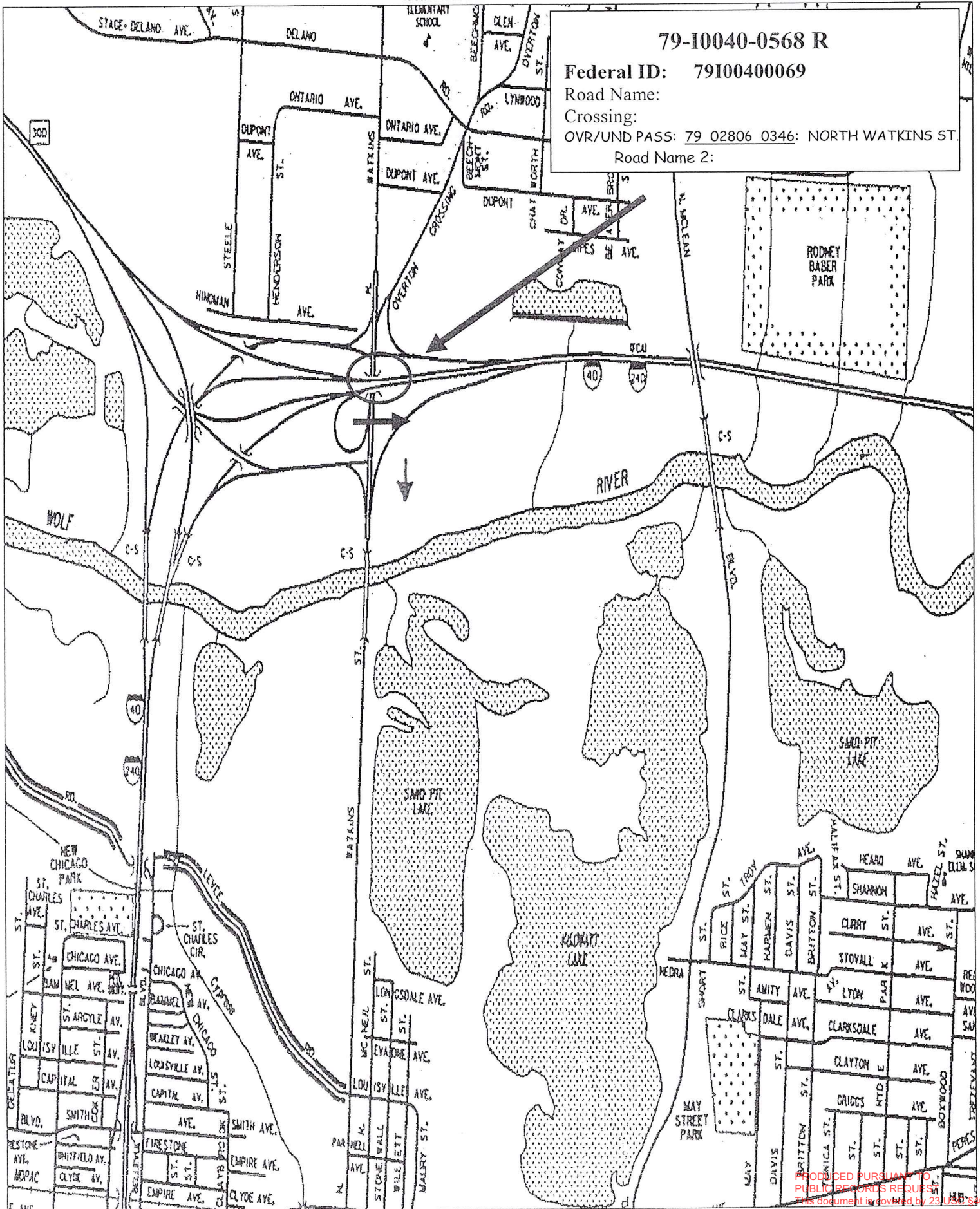
Federal ID: 79100400069

Road Name:

Crossing:

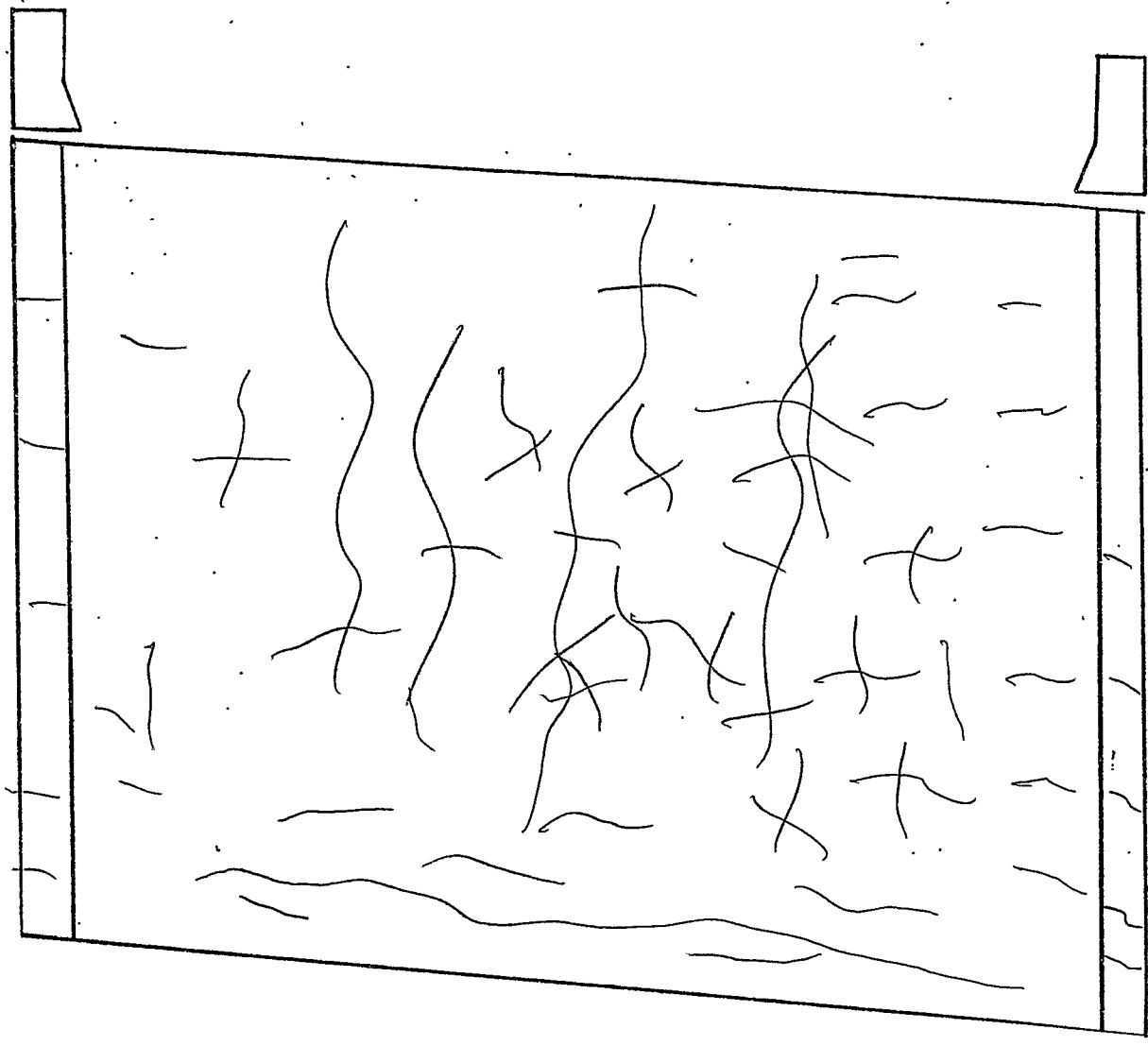
OVR/UND PASS: 79 02806 0346: NORTH WATKINS ST.

Road Name 2:



BRIDGE NO. 79 E-4040 5.68R SK. 80° 47

SPAN NO 1



↑
DIR. OF ROUTE

DECK

G P P C

PARAPET

G P P C

DRAINS

G F P C

JOINTS

G F P C

RAILS

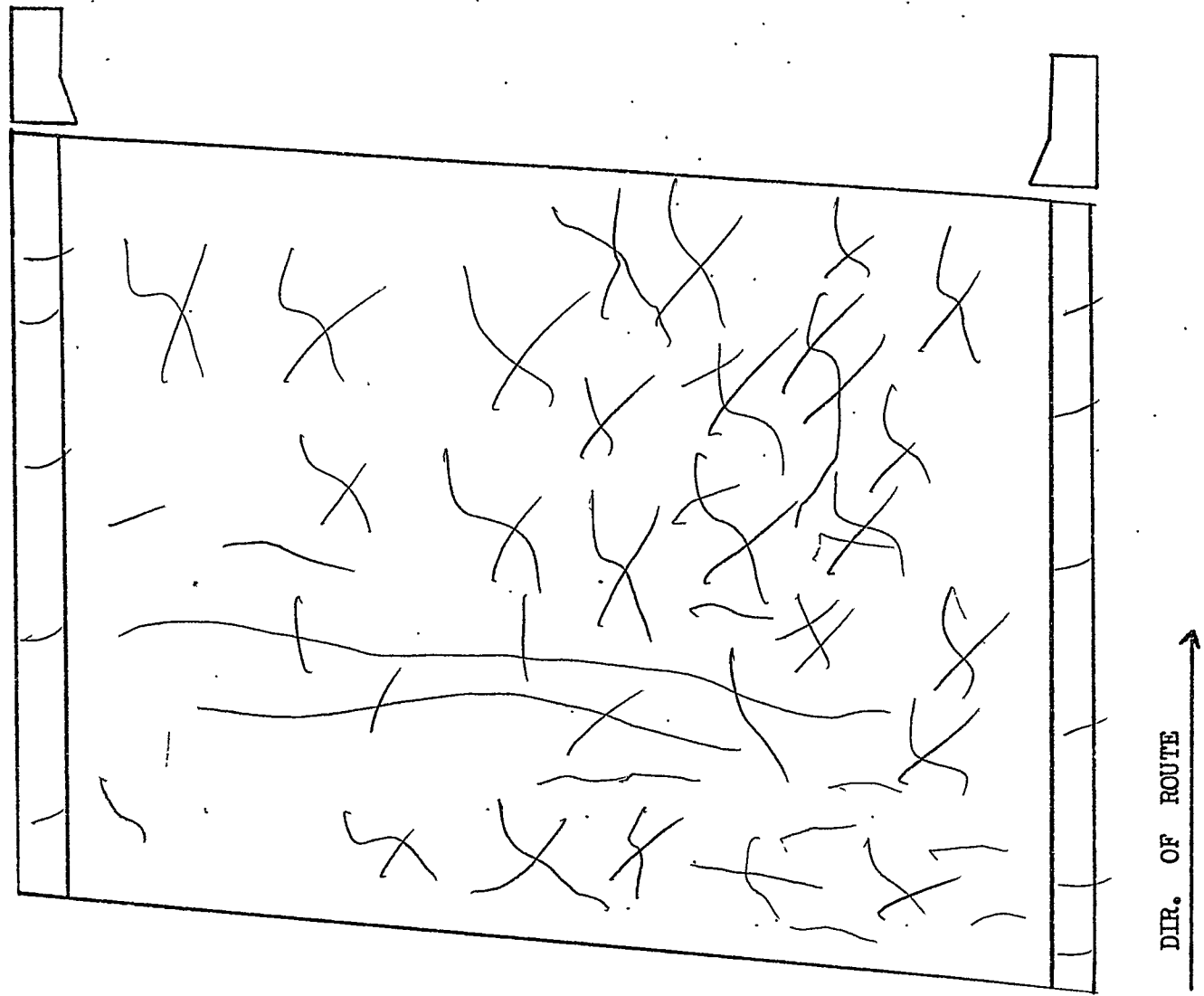
G F P C

upto. 1/8" cracking
Hairline cracks

EBL

BRIDGE NO. 79 - I40 - 5.68R SK. 800 LT

SPAN NO. 2

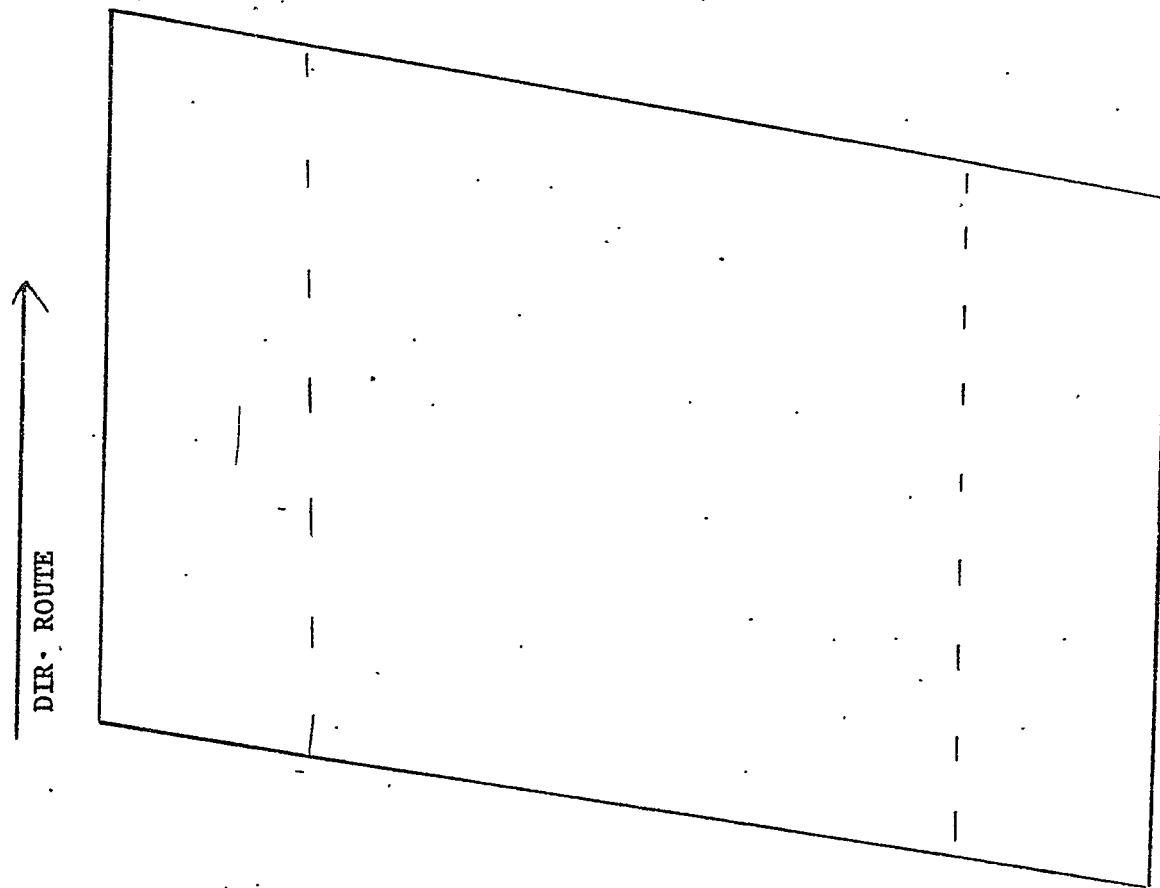
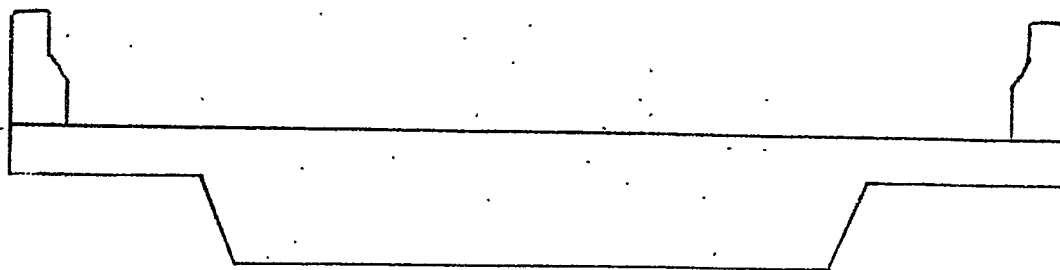


| | |
|---------|--------------------|
| DECK | G (F) P C |
| PARAPET | G (F) P C |
| DRAINS | G F P C |
| JOINTS | G F P C |
| RAILS | G F P C |

upto 1/8" cracks
upto 1/32" cracks

F B L

BRIDGE NO. 79 E-2400 5.68 R SK. 80° 64' SPAN NO. 1

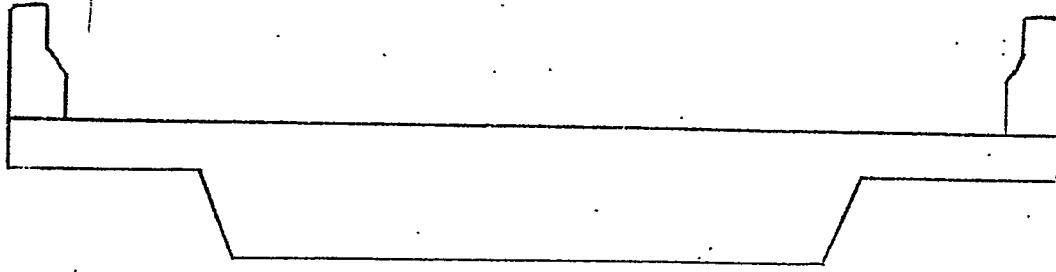


DIR. ROUTE

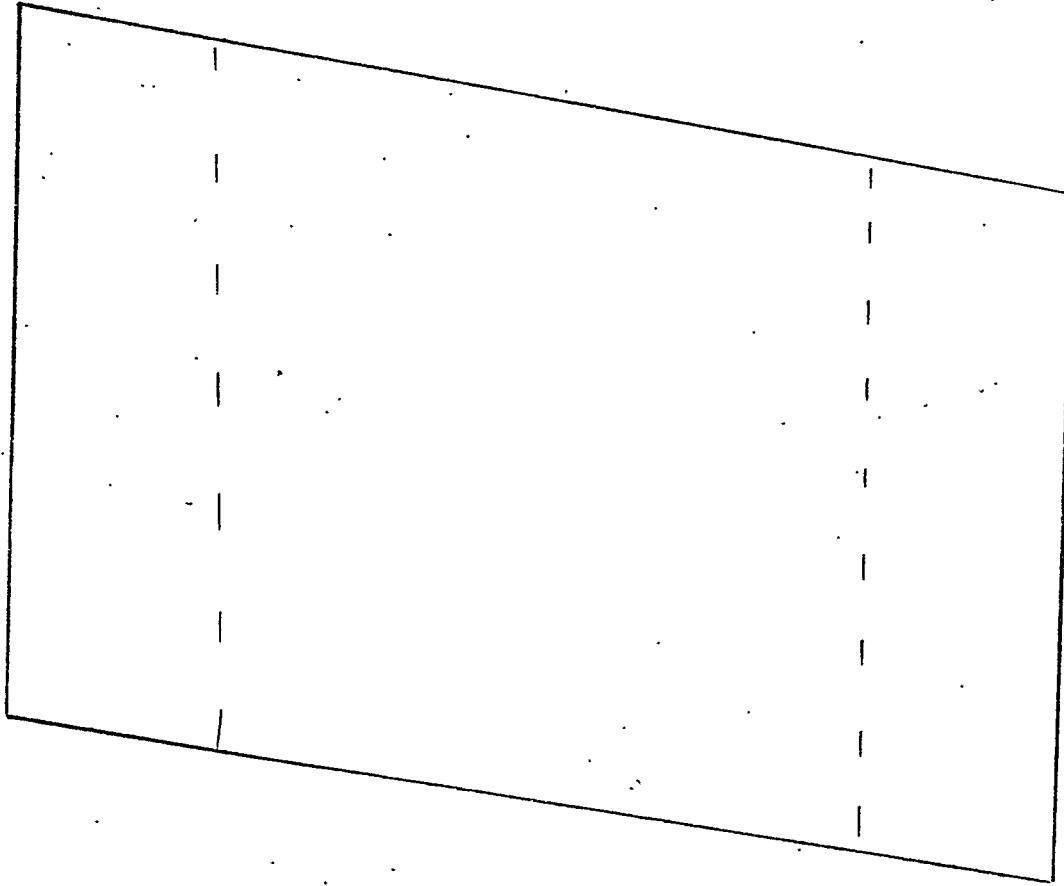
| ELEMENT | RATING | COMMENTS |
|---------------|---------|----------|
| BOTTOM DECK | Ⓔ F P C | |
| Conc Box Beam | Ⓔ F P C | |

E B

BRIDGE NO. 79 - I - 400 - 5.68 R SK. 80° 6' SPAN NO. 2



↑
DIR. ROUTE



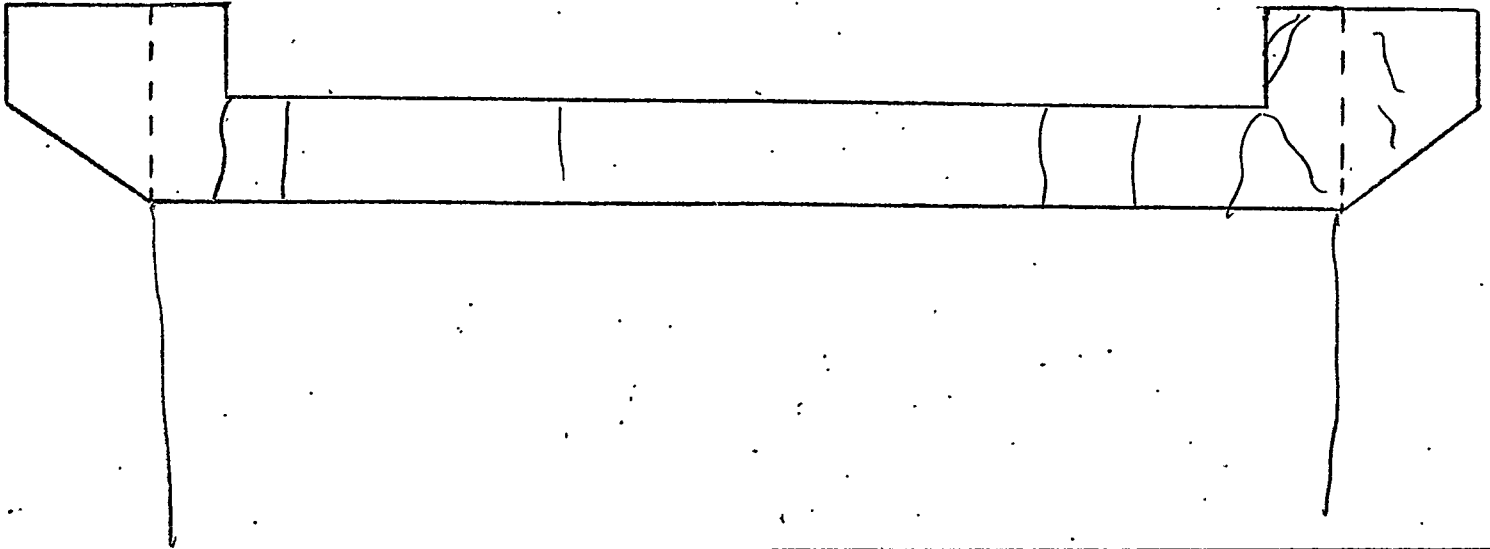
| ELEMENT | RATING | COMMENTS |
|-------------------|-----------|----------|
| BOTTOM DECK | (G) F P C | |
| Conc. Box Beam | (G) F P C | |

BRIDGE NO. 79 ^{RT} E-40 - 548R

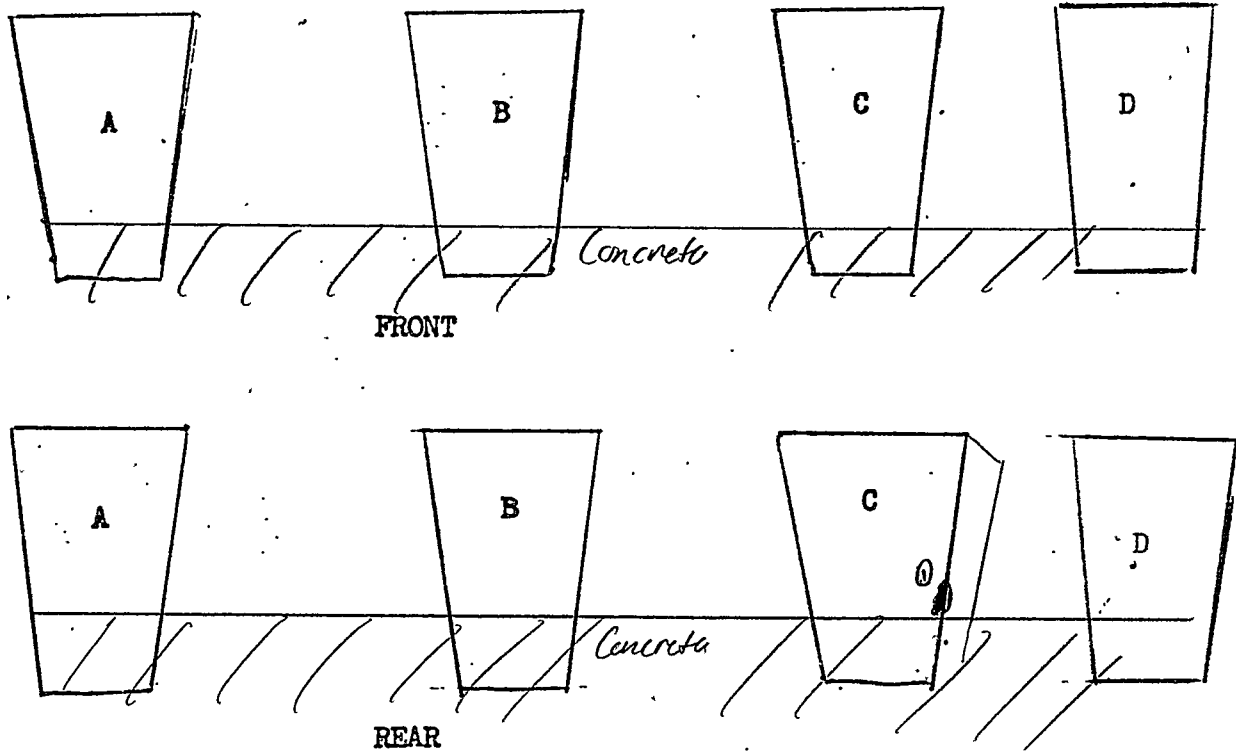
ABUT. NO. 1

E, B, L

LOOKING BACK



| ELEMENT | RATING | COMMENTS |
|--------------------|----------------------|------------------------------|
| BEARING | G F P C | N/A |
| PAINT | G F P C | N/A |
| CAP | G [Ⓢ] F P C | up to 1/16" cracks with eff. |
| WINGS | (G) F P C | horizontal crack with eff |
| EMB. | (G) F P C | |
| VEG. | (G) F P C | |
| RIP-RAP | G F P C | |
| SLOPE PAV. | (G) F P C | |
| <u>BACKWALL</u> | G F P C | |

BRIDGE NO 79 I-40-5.88RBENT NO L ER

ELEMENT

RATING

COMMENT

STEM

A

G F P C

B

G F P C

C

G F P C

D

G F P C

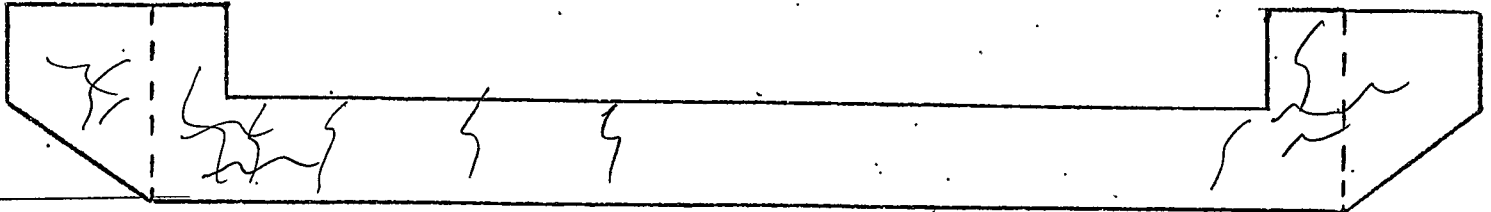
See D

D Damage

7"4x3" W x 1/8" D

BRIDGE NO. 79-740-5.68RABUT. NO. 2

E8L

LOOKING Ahead

Slope Pavement

| LEMENT | RATING | COMMENTS |
|--------|--------|----------|
|--------|--------|----------|

| | | |
|---------|---------|-----|
| BEARING | G F P C | N/A |
|---------|---------|-----|

| | | |
|-------|-----------|------------------|
| PAINT | G F (P) C | Over 20% missing |
|-------|-----------|------------------|

| | | |
|-----|-----------|-------------------|
| CAP | G (F) P C | 1/8" cracks w/eff |
|-----|-----------|-------------------|

| | | |
|-------|-----------|-------------------|
| WINGS | G (F) P C | 1/8" cracks w/eff |
|-------|-----------|-------------------|

| | | |
|------|---------|--|
| EMB. | G F P C | |
|------|---------|--|

| | | |
|------|---------|--|
| VEG. | G F P C | |
|------|---------|--|

| | | |
|---------|---------|-----|
| RIP-RAP | G F P C | N/A |
|---------|---------|-----|

| | | |
|-----------|---------|--|
| SLOPE PAV | G F P C | |
|-----------|---------|--|

| | | |
|----------|---------|--|
| BACKWALL | G F P C | |
|----------|---------|--|

Field Report No. _____ Date _____
Previous Report No. _____ Date _____

Underpass Location No. 79 - 10040 - ^{5.68}~~0576~~ R

| | | | |
|----------------|-----|---------|----------|
| over/ under | 79 | - 02806 | - 0346 |
| | Cd. | Route | Log Mile |

Structure Name (If Named) _____

Year Widened _____ Year Rehabilitated _____

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

Width of Approach Traveled Roadway 38 ft. (Does Not Include Shoulders)

Approach Shoulder Width 0 ft. Right 0 ft. Left

*Horizontal Clearance Under Bridge 52 ft. 0 IN.

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

*Width of Sidewalk Under Bridge 6.0 ft. Right 0 ft. Left

*Minimum Vertical Clearance: 17 ft. 2 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 ()

Narrow Passage YES () NO (☒) NEEDED ()

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

Other Underpass Signs Needed

INSPECTORS

1. Belford
2. Spencer
3. _____
4. _____
5. _____
6. _____

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

Field Report No. _____ Date _____
Previous Report No. _____ Date _____

Bridge No. 79I00400069
Eleven Digit No.

Underpass Location No. 79 - I0040 - 0576 R

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

over/
under Co. Route Log Mile
79 - 02806 - 0346
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 ☒ RIGHT RDWY ☐ N.A. ☐

Type of Wearing Surface CONCRETE ☐ ASPHALT ☐ GRAVEL ☐

Width of Approach Traveled Roadway 40 ft. (Does Not Include Shoulders)

Width of Median if Divided Highway 14 ft.

Approach Shoulder Width _____ ft. Right _____ ft. Left

*Horizontal Clearance Under Bridge 40 ft. 0 in.

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

*Width of Sidewalk Under Bridge 6.0 ft. Right 0 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 ☒ NEEDED ()

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

Narrow Passage YES () NO ☒ NEEDED ()

One Lane Passage YES () NO ☒ NEEDED ()

Other Underpass Signs Needed

INSPECTORS

- Bedford
- Senger
- _____
- _____
- _____
- _____

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

Date _____

Underpass Location No. 79 - 10040 5.68
Co. Route Log Mile -0576 R

Other Signs or Plaques: _____

Comments Regarding any
Problems with Signing: _____

BRIDGE FEATURES (*.* ft.)

Bridge Skew 90° Lt
Structure Type (Main Span) Box Beam No. Main Spans 2
Structure Type (Appr.Spans) _____ No. Appr. Spans _____
Maximum Span Length 106 (ft.) Total Length 196 (ft.)
Width of Bridge Out-to-Out 98' (ft.) Right Angle to Centerline of Bridge)
Width of Bridge Along Skew _____ (ft.) (If Unable to Measure at Right
Number of Lanes/Tracks on Bridge 3 Angle to Centerline of Bridge)

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

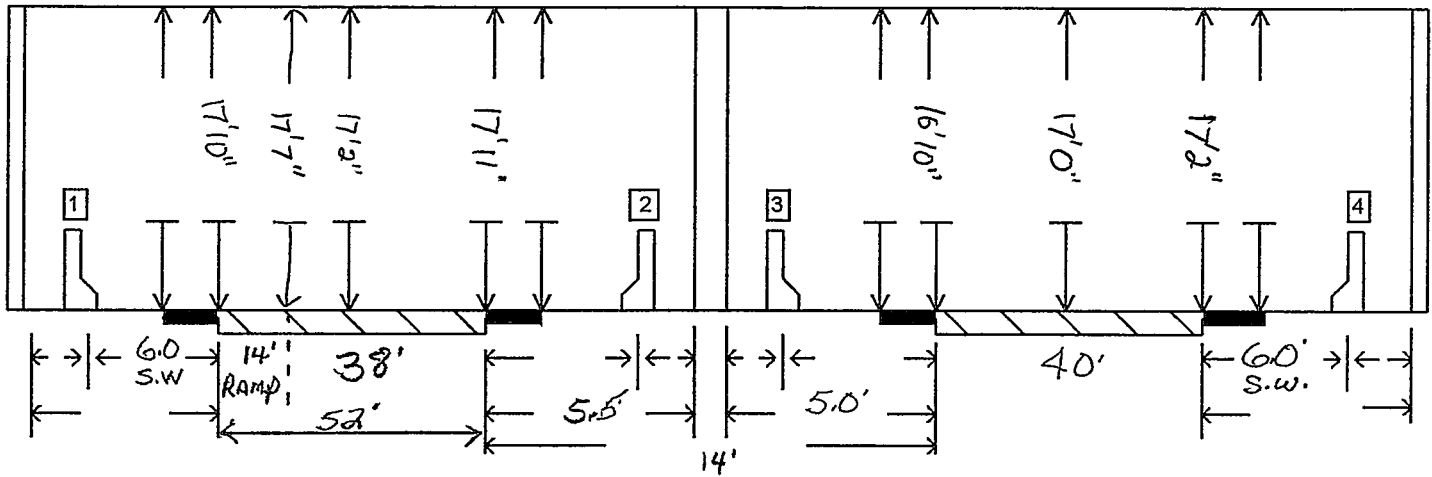
5.68

BRIDGE LOC. NO. 79 I0040 -0576 R
CO. ROUTE L. M. L/R

DATE: _____

LATERAL AND VERTICAL CLEARANCES

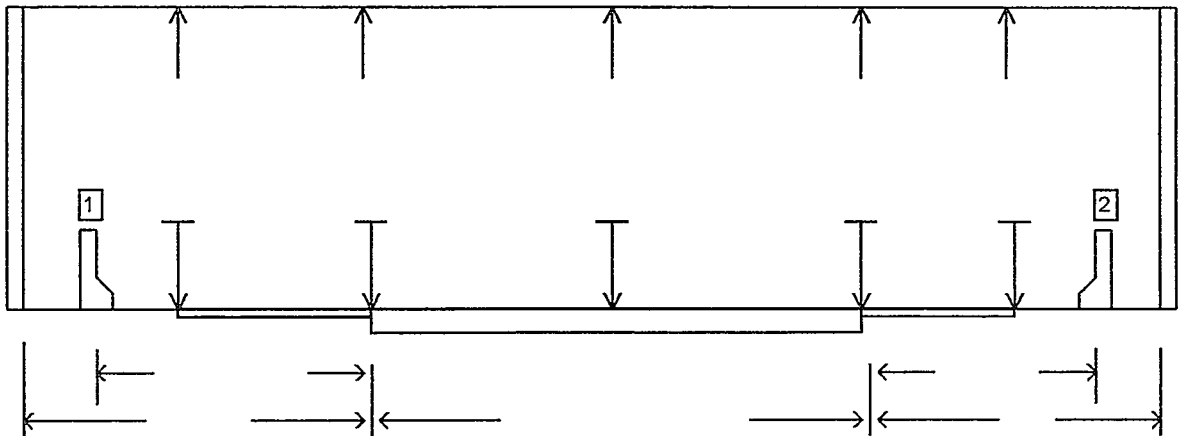
BENT/ABUT. 1 BENT 1 BENT/ABUT. 2



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

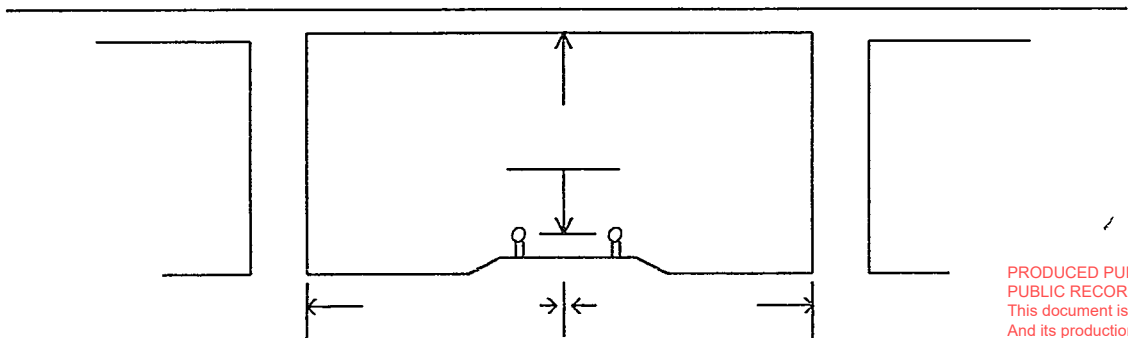
BENT/ABUT. _____

BENT/ABUT. _____



BENT/ABUT. _____

BENT/ABUT. _____



TDOT BRIDGE MOUNT SIGN INSPECTION REPORT

INSPECTION DATE: 11/4/24

SIGN NUMBER: 79SIGN001273

LOCATION: ATTACHED TO SPAN #2 RIGHT OF
79-10040-5.68 R (79I00400069)

DIRECTION OF UNDERPASS ROUTE: NB

BASE PLATE BOLT DIAMETER: 3/4"

NUMBER OF BOLTS PER BASE PLATE: 2

TOTAL NUMBER OF BOLTS ATTACHING SIGN TO BRIDGE: 10

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

