

## **Bridge 05416 Inspection Report**



Latitude:34.53442, Longitude:-90.76909

Route:85 Section:01 Log:1.45

Arnold Road ID:54x85x1xA, Arnold Log mile:1.451

District 01, 107 - Phillips County

Owner: 1 - State Highway Agency

Inspection Direction: 1 - N to S

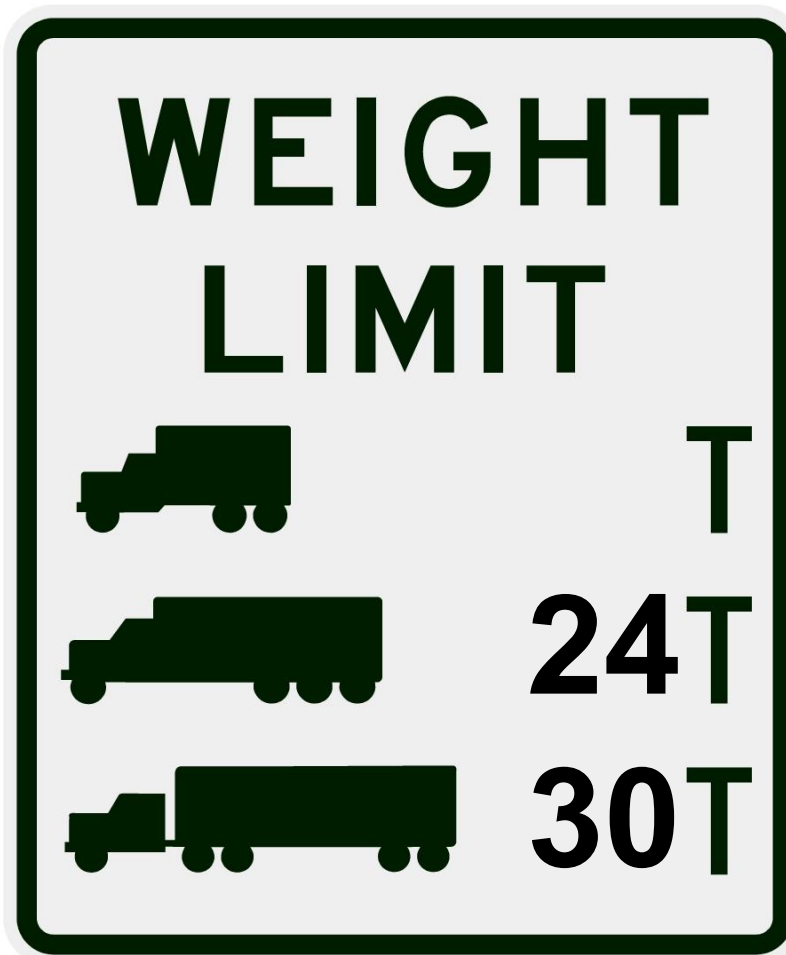
### Bridge Posting Information

41 - Structure Open/Posted/Closed: P - Posted for load (may include other restrictions such a temporary bridges which are load posted)

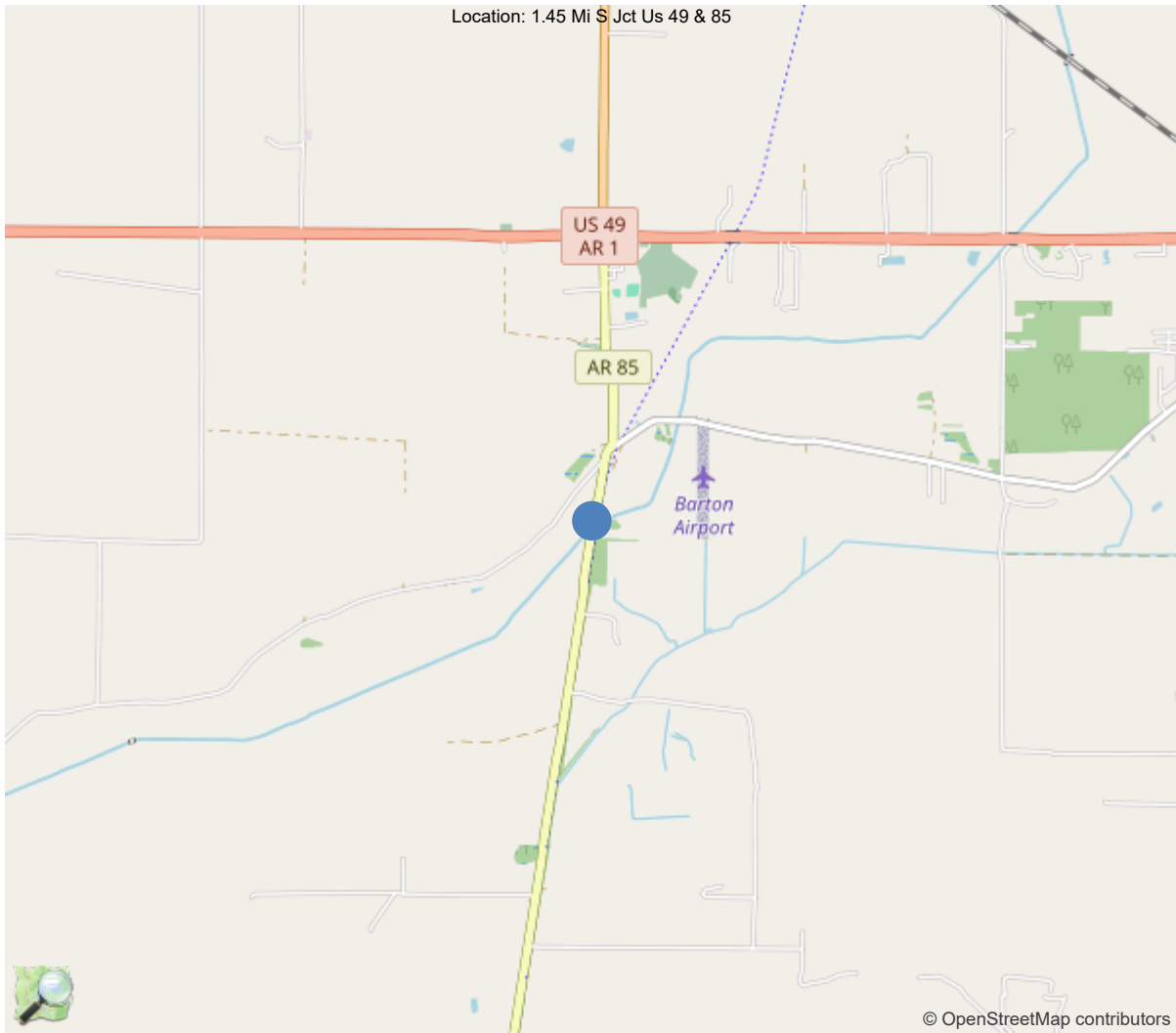
70 - Bridge Posting: 2 - 20.0 - 29.9 % below

| Legal Load       | Calculated Capacity | Beginning of Bridge Sign Current Value | End of Bridge Sign Current Value |
|------------------|---------------------|----------------------------------------|----------------------------------|
| Code 4 (22 Tons) | 22                  |                                        |                                  |
| Code 9 (31 Tons) | 24                  | 24                                     | 24                               |
| Code 5 (40 Tons) | 30                  | 30                                     | 30                               |

If calculated capacity is less than the Legal Load Listed, the Bridge Legally Requires Posting Signs to be installed by the Bridge Owner.



30"x36" AR



34.53442, -90.76909

## National Bridge Inventory Data Sheet

| IDENTIFICATION                            |                                |
|-------------------------------------------|--------------------------------|
| (1) State Names                           | 5 - Arkansas                   |
| (8) Structure Number                      | 05416                          |
| (5) Inventory Route                       | 1                              |
| (2) Highway Agency District               | 01 - District 01               |
| (3) County Code                           | 107 - Phillips County          |
| (4) Place Code                            | 0                              |
| (6) Features Intersected                  | Lick Creek                     |
| (7) Facility Carried                      | Sh-85/Sec-1/L-1.45             |
| (9) Location                              | 1.45 Mi S Jct Us 49 & 85       |
| (11) Mile Point                           | 1.45 mi                        |
| (12) Base Highway Network                 | No                             |
| (13) LRS Inventory Rte & Subrte           | 0000000000                     |
| (16) Latitude                             | 34.53442                       |
| (17) Longitude                            | -90.76909                      |
| (98) Border Bridge State Code             |                                |
| (99) Border Bridge Structure No.          |                                |
| STRUCTURE TYPE AND MATERIAL               |                                |
| (43) Main Structure Type                  | 122                            |
| Material                                  | 1 - Concrete                   |
| Type                                      | 22 - Channel beam              |
| (44) Approach Structure Type              | 00                             |
| Material                                  | 0 - Other                      |
| Type                                      | 0 - Other                      |
| (45) No. of Spans in Main Unit            | 7                              |
| (46) No. of Approach Spans                | 0                              |
| (107) Deck Structure Type                 | 2 - Concrete Precast Panels    |
| (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                           | 1990                           |
| (106) Year Reconstructed                  | 0                              |
| (42) Type of Service                      | 15                             |
| On                                        | 1 - Highway                    |
| Under                                     | 5 - Waterway                   |
| (28) Lane                                 |                                |
| On                                        | 2                              |
| Under                                     | 0                              |
| (29) Average Daily Traffic                | 890                            |
| (30) Year of ADT                          | 2019                           |
| (109) Truck ADT                           | 1 %                            |
| (19) Bypass, Detour Length                | 12 mi                          |
| GEOMETRIC DATA                            |                                |
| (48) Length of Maximum Span               | 31 ft                          |
| (49) Structure Length                     | 222.3 ft                       |
| (50) Curb or Sidewalk Width               |                                |
| Left                                      | 0.5 ft                         |
| Right                                     | 0.5 ft                         |
| (51) Bridge Roadway Width Curb to Curb    | 26 ft                          |
| (52) Deck Width Out to Out                | 27 ft                          |
| (32) Approach Roadway Width (W/Shoulders) | 23 ft                          |
| (33) Bridge Median                        | 0 - No median                  |
| (34) Skew                                 | 45 Deg                         |
| (35) Structure Flared                     | 0 - No flare                   |
| (10) Inventory Route Min Vert Clear       | 99.99 ft                       |
| (47) Inventory Route Total Horiz Clear    | 26 ft                          |
| (53) Min Vert Clear Over Bridge Rdwy      | 99.99 ft                       |
| (54) Min Vert Underclear                  | 0 ft                           |
| Ref:                                      |                                |
| (55) Min Lat Underclear RT                | 0 ft                           |
| Ref:                                      |                                |
| (56) Min Lat Underclear LT                | 0 ft                           |
| NAVIGATION DATA                           |                                |
| (38) Navigation Control                   | 0 - No navigation control on w |
| (111) Pier Protection                     | 1 - Navigation protection not  |
| (39) Navigation Vertical Clearance        | 0 ft                           |
| (116) Vert-Lift Bridge Nav Min Vert Clear | 0 ft                           |
| (40) Navigation Horizontal Clearance      | 0 ft                           |

| CLASSIFICATION                         |                                      |
|----------------------------------------|--------------------------------------|
| (112) NBIS Bridge Length               | Y                                    |
| (104) Highway System                   | 0                                    |
| (26) Functional Class                  | 7 - Rural Major Collector            |
| (100) Defense Highway                  | 0 - The inventory route is not       |
| (101) Parallel Structure               | N - No parallel structure exists     |
| (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 structure      |
| (21) Maintain                          | 1 - State Highway Agency             |
| (22) Owner                             | 1 - State Highway Agency             |
| (37) Historical Significance           | 5 - Bridge is not eligible for       |
| CONDITION                              |                                      |
| (58) Deck                              | 5                                    |
| (59) Superstructure                    | 5                                    |
| (60) Substructure                      | 7                                    |
| (61) Channel & Channel Protection      | 4                                    |
| (62) Culverts                          | N                                    |
| LOAD RATING AND POSTING                |                                      |
| (31) Design Load                       | 2 - M 13.5 / H 15                    |
| (63) Operating Rating Method           | 1                                    |
| (64) Operating Rating                  |                                      |
| Type                                   | 1 - Load Factor(LF)                  |
| Rating                                 | 33                                   |
| (65) Inventory Rating Method           | 1 - Load Factor(LF)                  |
| (66) Inventory Rating                  |                                      |
| Type                                   |                                      |
| Rating                                 | 20                                   |
| (70) Bridge Posting                    | 2 - 20.0 - 29.9 % below              |
| (41) Structure Open/Posted/Closed      | P - Posted for load (may include     |
| APPRAISAL                              |                                      |
| (67) Structural Evaluation             |                                      |
| (68) Deck Geometry                     | 5                                    |
| (69) Clearances, Vertical/Horizontal   | N                                    |
| (71) Waterway Adequacy                 | 9                                    |
| (72) Approach Roadway Alignment        | 6                                    |
| (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          | 0 - Inspected feature does not meet  |
| (113) Scour Critical Bridges           | 8 - Bridge foundations determined to |
| PROPOSED IMPROVEMENTS                  |                                      |
| (75) Type of Work                      |                                      |
| (76) Length of Structure Improvement   | 0 ft                                 |
| (94) Bridge Improvement Cost           | \$ 0                                 |
| (95) Roadway Improvement Cost          | \$ 0                                 |
| (96) Total Project Cost                | \$ 0                                 |
| (97) Year of Improvement Cost Estimate |                                      |
| (114) Future ADT                       | 932                                  |
| (115) Year of Future ADT               | 2028                                 |

| INSPECTIONS *                                                                                                                                                                                             |      |             |            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------|------------|
| (90) Inspection Date                                                                                                                                                                                      |      |             | 01/08/2025 |
| (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   |             |            |
| <p>* 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.</p> |      |             |            |

## Inspection Notes

### General Observation

DRAWING NUMBERS-17221,17222,17223,17224

Abutment #1 slope is eroding towards bent #2 with vertical slope near and at bent #2.

Abutment #2 slope is eroding towards bent #7 to vertical face at and near bent #7.

Vegetation is growing beside and under bridge and onto roadway.

Gutters are full of chat and debris.

Channel has massive drift left side across channel.

Channel downstream right side of bridge near bent #2 back is eroded several feet towards abutment within 20' of bent #2.

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**58 - Deck** (5 - FAIR CONDITION - all primary structural elements are sound but may have minor section loss, cracking, spalling or scour.)

Overall, the deck is in fair condition, consisting of prestressed channel beam units bolted and grouted together. Multiple units have open transverse and longitudinal cracking in surface. Grout joints are beginning to spall, and connection bolts have corrosion. Multiple units each span have cracking, spalling, delaminated areas or have been patched along sides and ends of units. Spans 1 and 7 have areas of chip seal overlay.

11/01/2018 lowered deck from 6 to 5 due to spalls getting into grout key in deck at bents.

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**59 - Superstructure** (5 - FAIR CONDITION - all primary structural elements are sound but may have minor section loss, cracking, spalling or scour.)

Overall, the superstructure is in fair condition, consisting of prestressed concrete channel beams that are integral to the deck. Unit legs have vertical hairline flexure cracks, multiple small insignificant spalls and several pieces of exposed rebar, primarily due to poor concrete coverage.

11/01/2018 lowered superstructure from 6 to 5 due to deck and superstructure being integral.

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**60 - Substructure** (7 - GOOD CONDITION - some minor problems.)

Overall, the substructure is in good condition with piles at bents 3, 4, 5 have light abrasion with no loose aggregate. Several caps have exposed rebar on bottom face due to poor concrete coverage. Several caps have minor cracking, delaminated areas and small spalls, some with minor amounts of exposed rebar.

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**62 - Culverts** (N - Not applicable. Used if structure is not a culvert.)

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**61 - Channel/Channel Protection** (4 - Bank and embankment protection is severely undermined. River control devices have severe damage. Large deposits of debris are in the channel.)

Overall, the channel is in poor condition. Channel alignment is poor at structure, there is a large amount of debris built up underneath the bridge and upstream of the bridge. Channel banks are eroding under and beside bridge and slumping with large amounts of debris restrictions in channel left of bridge and under bridge.

Channel:

Abutment #1 slope is eroding towards bent #2 with vertical slope near and at bent #2.

Abutment #2 slope is eroding towards bent #7 to vertical face at and near bent #7.

Channel has massive drift left side across channel.

Channel downstream right side of bridge near bent #2 back is eroded several feet towards abutment within 20' of bent #2.

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**71 - Waterway Adequacy** (9 - Bridge deck and roadway approaches above flood water elevations (high water.) Chance of overtopping is remote.)

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Asset #05416(Routine)

Sh-85/Sec-1/L-1.45 over Lick Creek

Location: 1.45 Mi S Jct Us 49 & 85

Team Lead: Lee Swan Inspection Date: 01/08/2025

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**72 - Approach Roadway Alignment** (6 - Equal to present minimum criteria)

Abutment #1 approach roadway has settled up to 1".

Abutment #2 approach roadway has settled up to 2".

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**113 - Scour Critical Bridges** (8 - Bridge foundations determined to be stable for the assessed or calculated scour condition. Scour is determined to be above top of footing (Example A) by assessment (i.e., bridge foundations are on rock formations that have been determined to resist scour within the service life of the bridge), by calculation or by installation of properly designed countermeasures (see HEC 23).)

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**A-51 - Inspection Direction** (1 - N to S)

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**A-15 - Late Reason**

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**A-45 - Bats Present** (0 - No)

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**A-108 - Load Rating Requested**

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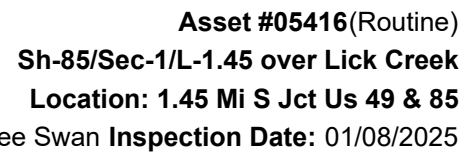
**A-119 - Scour Assessment Request**

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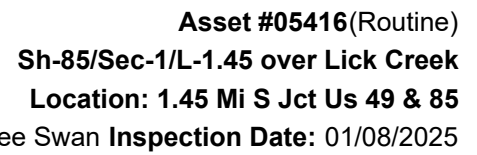
**A-B.C.11 - B.C.11 Scour Condition Rating (New NBIS)** (5 - Moderate scour; strength and stability of the bridge are not affected.)

Overall, the scour condition rating is fair with scour around the piles in the slopes.

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| ELEMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DESCRIPTION                           | UNITS | TOTAL | CS1  | CS2 | CS3 | CS4 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------|-------|------|-----|-----|-----|
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Prestressed Concrete Top Flange       | SF    | 5642  | 5048 | 329 | 265 | 0   |
| 1080                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Delamination/Spall/Patched Area       | SF    | 323   | 0    | 78  | 245 | 0   |
| 1090                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Exposed Rebar                         | SF    | 1     | 0    | 1   | 0   | 0   |
| 1110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cracking (PSC)                        | SF    | 270   | 0    | 250 | 20  | 0   |
| 510                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Wearing Surfaces                      | SF    | 588   | 588  | 0   | 0   | 0   |
| (15) Multiple deck units each span have spalling, patched areas and cracking, primarily to ends of units at bents. Several patched areas are failing.<br>Grout joints between units have areas of spalling throughout bridge.<br>Curb unit joints at bents #2,3,4,5,6,7 are spalled at joint no rebar exposed.<br>Several deck units have CS2 transverse and longitudinal cracks.<br>Span #5 unit #4 at bent #6 has one foot transverse spall in underside of unit with exposed rebar and efflorescence.<br>Spans 1 and 7 have areas that have been chip sealed, approximately 588 square feet.                                                                                                                                                                                                                                                                                                                                                                                         |                                       |       |       |      |     |     |     |
| 109                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Prestressed Concrete Open Girder/Beam | LF    | 1736  | 1577 | 158 | 1   | 0   |
| 1090                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Exposed Rebar                         | LF    | 50    | 0    | 50  | 0   | 0   |
| 1110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cracking (PSC)                        | LF    | 109   | 0    | 108 | 1   | 0   |
| (109) Span #1 unit #7 Left leg is cracked last half of span.<br>Span #1 unit #2 Both legs are cracked longitudinally full span at top of leg/soffit connection.<br>Span #1 unit #3 Left leg is cracked longitudinally full span at top of leg/soffit connection.<br>Span #1 unit #6 left leg has two 1' shallow spalls on bottom with exposed rebar moderate section loss one at 1/4 span one at 3/4 span.<br>Span #1 unit #8left leg has 1' shallow spall on bottom with exposed rebar moderate section loss at 1/4 span.<br>Span #2-unit #5 left leg is cracked longitudinally full span at top of leg/soffit connection.<br>Span #5 unit #3 right leg has a 1' long cs3 crack in side/ bottom 3' from bent #5.<br>All spans have several up to 1' pieces of rebar exposed on bottoms of unit legs in various locations due to poor concrete coverage.<br>Connection bolts are corroded due to salt contamination with up to 5% section loss.<br><br>Bent 3 cap back cracking 3LF CS2 |                                       |       |       |      |     |     |     |
| 215                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Reinforced Concrete Abutment          | LF    | 104   | 103  | 1   | 0   | 0   |
| 1090                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Exposed Rebar                         | LF    | 1     | 0    | 1   | 0   | 0   |
| (215) Abutment #2 right end ahead face on cap has 1' spall with 6" of exposed rebar.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |       |       |      |     |     |     |
| 227                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Reinforced Concrete Pile              | EA    | 15    | 0    | 15  | 0   | 0   |
| 1190                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Abrasion/Wear (PSC/RC)                | EA    | 15    | 0    | 15  | 0   | 0   |
| (227) Piles at bents #3,4,5 have light abrasion with no loose aggregate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |       |       |      |     |     |     |
| 234                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Reinforced Concrete Pier Cap          | LF    | 240   | 180  | 0   | 60  | 0   |
| 1080                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Delamination/Spall/Patched Area       | LF    | 2     | 0    | 0   | 2   | 0   |
| 1090                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Exposed Rebar                         | LF    | 58    | 0    | 0   | 58  | 0   |
| (234) Bent #2 back face in center has two pieces of rebar exposed due to poor concrete coverage.<br>Bent #3 ahead face right side has two foot long delaminated area near top.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                       |       |       |      |     |     |     |

[illegible]

## Inspection Photos and Notes



01/13/2025

Elevation



11/06/2023

Name plate



01/09/2025

Abutment 1 posting sign



01/09/2025

Abutment 2 posting sign



Abutment 2



Bent 6



Bent 5



Bent 4



Bent 3



Typical deck



Inventory



Bent 4



Abutment 1 right bridge rail



Typical bridge rail



Bent 4 unit 7 spall 2 LF CS3



Span 6 unit 3 spalling with exposed rebar 1 LF CS 3



Span 6 unit 7 spall with exposed reinforcing steel 2LF CS3



Span 2 bent 1 unit 1 spall with exposed reinforcing 2LF CS2



Span 1 unit 7 spalling with exposed rebar 2 LF CS2



Span 1 bent 1 unit 8 spalling 2 LF CS3



Bent 1 unit 7 spalling with exposed reinforcing steel



Typical corrosion on connection bolts



Bent 1 back under unit 8 cracking 2LF CS2



Bent 7 back under unit 4 spall with exposed rebar 1LF CS3



01/09/2025

Bent 7 ahead right spall with exposed reinforcing steel 1LF  
CS3

### Maintenance Needs

Date Reported: 10/23/2012

Priority: B - Pressing

Type of Work: Channel Work/Drift Removal

Status: Assigned

Component: Channel

### Deficiency Description

Channel has massive drift left side across channel.

### Remarks



Large drift across channel under bridge spans 2,3,4



Large drift across channel under bridge spans 2,3,4



Large drift across channel under bridge spans 2,3,4



Large drift and debris under bridge spans #3 and 4 blocking channel

## Maintenance Needs

**Date Reported:** 10/20/2014

**Priority:** C - Important

**Type of Work:** Channel Work/Drift Removal

**Status:** Monitor

**Component:** Channel

## Deficiency Description

Abutment #1 slope is eroding towards bent #2 with vertical slope near and at bent #2.

Abutment #2 slope is eroding towards bent #7 to vertical face at and near bent #7.

Channel downstream right side of bridge near bent #2 back is eroded several feet towards abutment within 20' of bent #2.

## Remarks



Abutment #1 slope erosion



Channel downstream right side of bridge near bent #2 back is eroded several feet towards abutment within 20' of bent #2.



Abutment #1 slope is eroding towards bent #2 with vertical slope near and at bent #2.



Abutment #2 slope is eroding towards bent #7 to vertical face at and near bent #7.

### Maintenance Needs

Date Reported: 11/01/2018

Priority: C - Important

Type of Work: Deck Repair

Status: Open

Component: Deck

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### Deficiency Description

Each span has areas of joints at bents from span to span that are spalled deep into grout keys. Several of these areas have been patched with asphalt and epoxy sand mix with some patches failing. Grout joints between units are spalling down into the grout keys all spans.

### Remarks

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Bent 4, grout failure at the joints.



Spans #4 and 5 units #2,3,4 bent #5

### Maintenance Needs

Date Reported: 12/01/2020

Priority: C - Important

Type of Work: Repair (General)

Status: Monitor

Component: Element

### Deficiency Description

Abutment #1 right end post broken at base.

Abutment #2 left end post broken at base.

### Remarks



Abutment 1 right bridge rail



Abutment #2 monument post broken at base



Abutment #1 right monument post spalled and broken at base

### Maintenance Needs

**Date Reported:** 11/13/2023

**Priority:** C - Important

**Type of Work:** Miscellaneous

**Status:** Repair Documented

**Component:** Miscellaneous

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### Deficiency Description

Abutment #1 left flair board knocked down.

### Remarks

1/08/2025-RLS- The flair board has been replaced.

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Abutment #1 left flair board knocked down

### Maintenance Needs

Date Reported: 11/22/2023

Priority: D- Routine

Status: Monitor

Type of Work: Approach Leveling/Maintenance

Component:

### Deficiency Description

Abutment #1 approach roadway has settled up to 1".

"

Abutment #2 approach roadway has settled up to 2".

### Remarks



Abutment 2



Abutment #2 approach roadway has settled up to 2"



Abutment #2 approach roadway settlement



Abutment #1 approach roadway has settled up to 1"

## Routine Maintenance

### Check Box Maintenance Items

| Type of Maintenance                           | Is Recommended? |
|-----------------------------------------------|-----------------|
| A-54 - Sealable Deck Cracks                   | Yes             |
| A-55 - Deck Washing Needed                    | Yes             |
| A-56 - Joint Cleaning/Flushing Needed         | No              |
| A-57 - Beam End and Bearing Paint Needed      | No              |
| A-58 - Cap Cleaning/Flushing Needed           | No              |
| A-59 - Joint Repair Needed                    | No              |
| A-60 - Full Beam Painting Needed              | No              |
| A-61 - Polymer Overlay Advised                | No              |
| A-62 - Hydro and LMC Advised                  | No              |
| A-63 - Missing/Incorrect Log Mile Signage     | Yes             |
| A-64 - Vegetation Removal Requested           | Yes             |
| A-65 - Clogged deck drains?                   |                 |
| A-66 - Approach minor pothole/leveling needed |                 |

#### **A-54 - Sealable Deck Cracks (Yes)**

Several deck units have transverse and longitudinal cracks.

**A-55 - Deck Washing Needed (Yes)**

Deck gutters are full of dirt and debris



Bent 4

**A-56 - Joint Cleaning/Flushing Needed (No)**

**A-57 - Beam End and Bearing Painting Needed (No)**

**A-58 - Cap Cleaning/Flushing Needed (No)**

**A-59 - Joint Repair Needed (No)**

**A-60 - Full Beam Painting Needed (No)**

**A-61 - Polymer Overlay Advised (No)**



**Asset #05416(Routine)**

**Sh-85/Sec-1/L-1.45 over Lick Creek**

**Location: 1.45 Mi S Jct Us 49 & 85**

**Team Lead: Lee Swan Inspection Date: 01/08/2025**

**A-62 - Hydro and LMC Advised (No)**

**A-63 - Missing/Incorrect Log Mile Signage (Yes)**

Log mile should be 1.45.

**A-64 - Vegetation Removal Requested (Yes)**

Vegetation growing under beside and onto bridge at abutments.

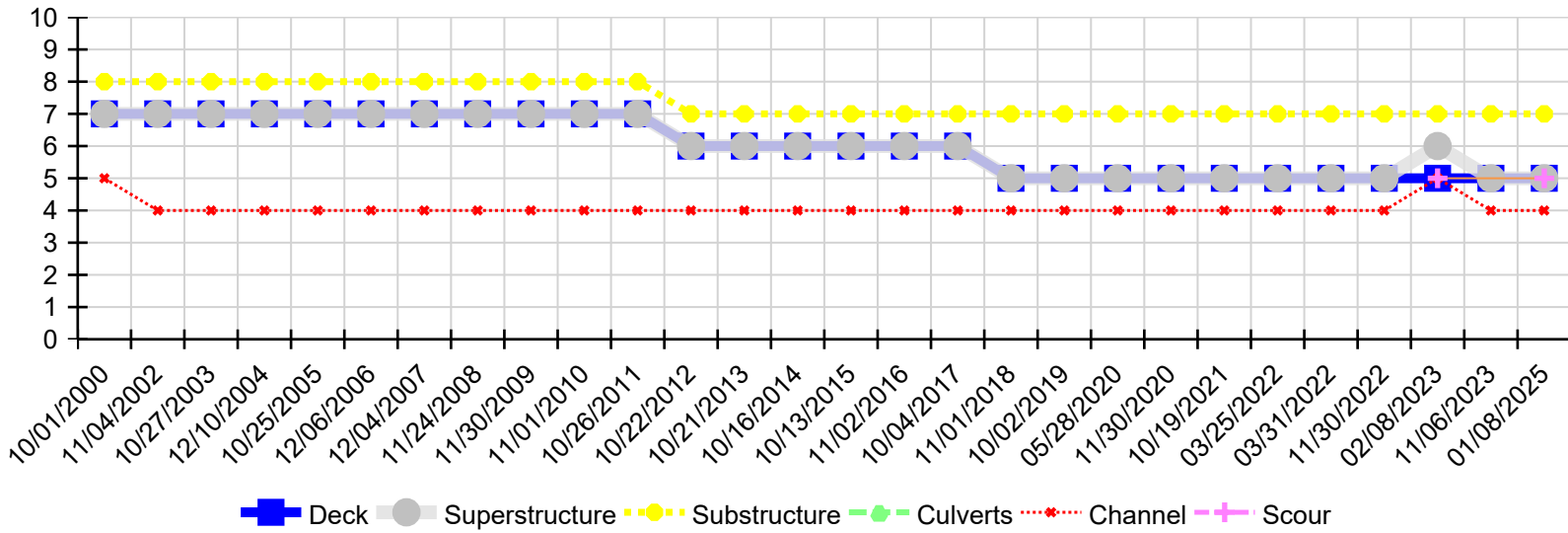
**A-65 - Clogged deck drains?**

**A-66 - Approach minor pothole/leveling needed**



Asset #05416(Routine)  
Sh-85/Sec-1/L-1.45 over Lick Creek  
Location: 1.45 Mi S Jct Us 49 & 85  
Team Lead: Lee Swan Inspection Date: 01/08/2025

Condition History



| Inspection Date | Deck | Superstructure | Substructure | Culverts | Channel | Scour |
|-----------------|------|----------------|--------------|----------|---------|-------|
| 01/08/2025      | 5    | 5              | 7            | N        | 4       | 5     |
| 11/06/2023      | 5    | 5              | 7            | N        | 4       | N     |
| 02/08/2023      | 5    | 5              | 7            | N        | 4       | 5     |
| 02/08/2023      | 5    | 6              | 7            | N        | 5       | 5     |
| 11/30/2022      | 5    | 5              | 7            | N        | 4       | N     |
| 03/31/2022      | 5    | 5              | 7            | N        | 4       | N     |
| 03/25/2022      | 5    | 5              | 7            | N        | 4       | N     |
| 10/19/2021      | 5    | 5              | 7            | N        | 4       | N     |
| 11/30/2020      | 5    | 5              | 7            | N        | 4       | N     |
| 05/28/2020      | 5    | 5              | 7            | N        | 4       | N     |
| 10/02/2019      | 5    | 5              | 7            | N        | 4       | N     |
| 11/01/2018      | 5    | 5              | 7            | N        | 4       | N     |
| 10/04/2017      | 6    | 6              | 7            | N        | 4       | N     |
| 11/02/2016      | 6    | 6              | 7            | N        | 4       | N     |
| 10/13/2015      | 6    | 6              | 7            | N        | 4       | N     |
| 10/16/2014      | 6    | 6              | 7            | N        | 4       | N     |
| 10/21/2013      | 6    | 6              | 7            | N        | 4       | N     |
| 10/22/2012      | 6    | 6              | 7            | N        | 4       | N     |
| 10/26/2011      | 7    | 7              | 8            | N        | 4       | N     |
| 11/01/2010      | 7    | 7              | 8            | N        | 4       | N     |
| 11/30/2009      | 7    | 7              | 8            | N        | 4       | N     |
| 11/24/2008      | 7    | 7              | 8            | N        | 4       | N     |
| 12/04/2007      | 7    | 7              | 8            | N        | 4       | N     |
| 12/06/2006      | 7    | 7              | 8            | N        | 4       | N     |
| 10/25/2005      | 7    | 7              | 8            | N        | 4       | N     |
| 12/10/2004      | 7    | 7              | 8            | N        | 4       | N     |
| 10/27/2003      | 7    | 7              | 8            | N        | 4       | N     |



**Asset #05416**(Routine)  
**Sh-85/Sec-1/L-1.45 over Lick Creek**  
**Location: 1.45 Mi S Jct Us 49 & 85**

**Team Lead:** Lee Swan **Inspection Date:** 01/08/2025

| Inspection Date | Deck | Superstructure | Substructure | Culverts | Channel | Scour |
|-----------------|------|----------------|--------------|----------|---------|-------|
| 11/04/2002      | 7    | 7              | 8            | N        | 4       | N     |
| 10/01/2000      | 7    | 7              | 8            | N        | 5       | N     |