

## Bridge 01203 Inspection Report



Latitude:34.88106, Longitude:-92.68100

Route:10 Section:07 Log:4.709

Arnold Road ID:60x10x7xA, Arnold Log mile:4.706

District 06, 119 - Pulaski County

Owner: 1 - State Highway Agency

Inspection Direction: 4 - W to E

### Bridge Posting Information

41 - Structure Open/Posted/Closed: A - Open, no restriction

70 - Bridge Posting: 5 - Equal to or above legal loads

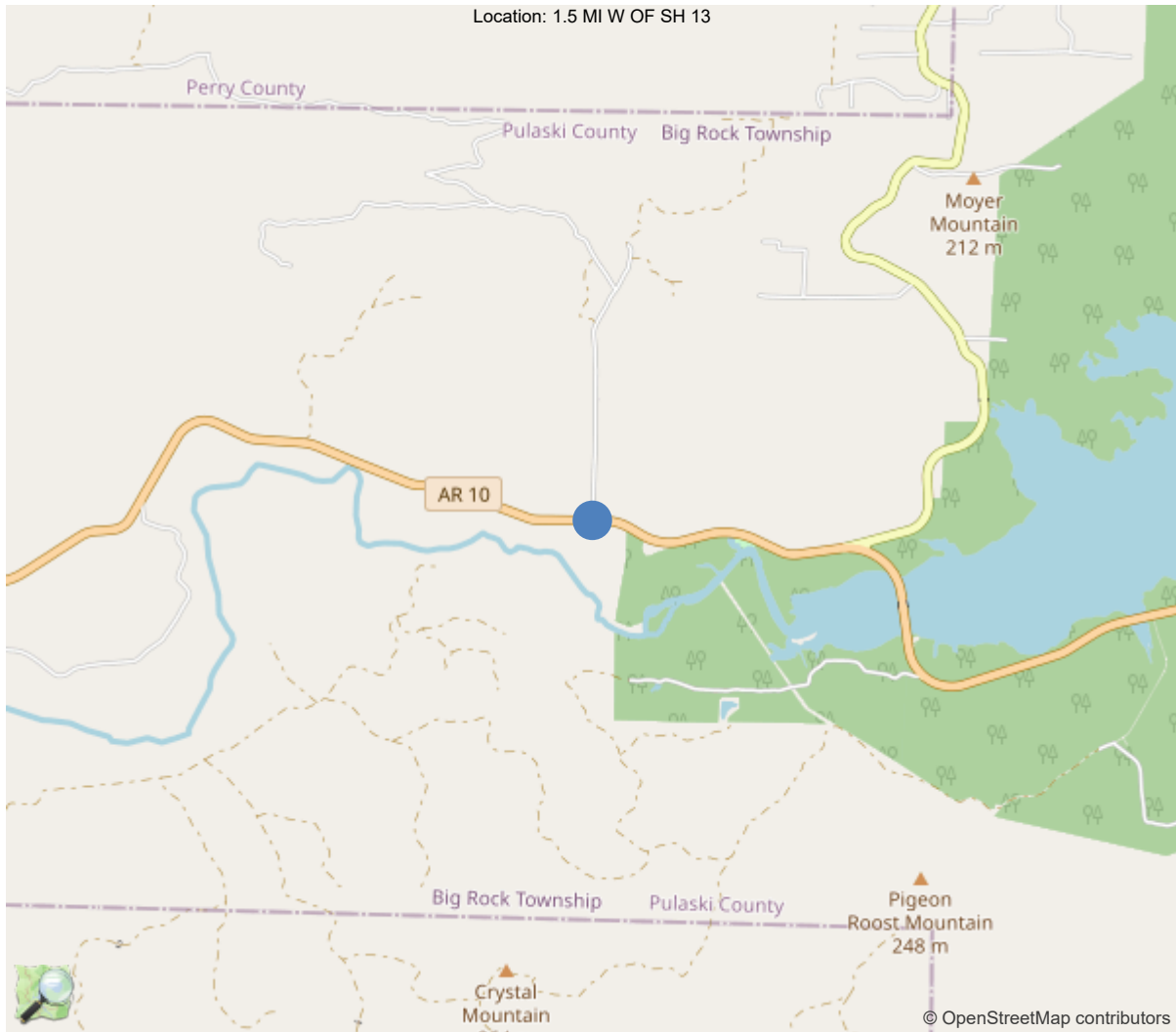
| Legal Load       | Calculated Capacity | Beginning of Bridge Sign Current Value | End of Bridge Sign Current Value |
|------------------|---------------------|--|----------------------------------|
| Code 4 (22 Tons) | 40                  |  |                                  |
| Code 9 (31 Tons) | 46                  |  |                                  |
| Code 5 (40 Tons) | 53                  |  |                                  |

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





34.88106, -92.68100

## National Bridge Inventory Data Sheet

| IDENTIFICATION                            |                                |
|---|--------------------------------|
| (1) State Names                           | 5 - Arkansas                   |
| (8) Structure Number                      | 01203                          |
| (5) Inventory Route                       | 1                              |
| (2) Highway Agency District               | 06 - District 06               |
| (3) County Code                           | 119 - Pulaski County           |
| (4) Place Code                            | 0                              |
| (6) Features Intersected                  | BRINGLE CREEK                  |
| (7) Facility Carried                      | SH 10-7 Log 4.71               |
| (9) Location                              | 1.5 MI W OF SH 13              |
| (11) Mile Point                           | 4.709 mi                       |
| (12) Base Highway Network                 | Yes                            |
| (13) LRS Inventory Rte & Subrte           | 0000010070                     |
| (16) Latitude                             | 34.88106                       |
| (17) Longitude                            | -92.681                        |
| (98) Border Bridge State Code             |                                |
| (99) Border Bridge Structure No.          |                                |
| STRUCTURE TYPE AND MATERIAL               |                                |
| (43) Main Structure Type                  | 14                             |
| Material                                  | 1 - Concrete                   |
| Type                                      | 4 - Tee beam                   |
| (44) Approach Structure Type              | 00                             |
| Material                                  | 0 - Other                      |
| Type                                      | 0 - Other                      |
| (45) No. of Spans in Main Unit            | 4                              |
| (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                           | 1929                           |
| (106) Year Reconstructed                  | 1959                           |
| (42) Type of Service                      | 15                             |
| On  | 1 - Highway                    |
| Under                                     | 5 - Waterway                   |
| (28) Lane                                 |                                |
| On  | 2                              |
| Under                                     | 0                              |
| (29) Average Daily Traffic                | 1700                           |
| (30) Year of ADT                          | 2024                           |
| (109) Truck ADT                           | %                              |
| (19) Bypass, Detour Length                | 25 mi                          |
| GEOMETRIC DATA                            |                                |
| (48) Length of Maximum Span               | 40 ft                          |
| (49) Structure Length                     | 130 ft                         |
| (50) Curb or Sidewalk Width               |                                |
| Left                                      | 1.3 ft                         |
| Right                                     | 1.5 ft                         |
| (51) Bridge Roadway Width Curb to Curb    | 26.2 ft                        |
| (52) Deck Width Out to Out                | 29.6 ft                        |
| (32) Approach Roadway Width (W/Shoulders) | 29.9 ft                        |
| (33) Bridge Median                        | 0 - No median                  |
| (34) Skew                                 | 0 Deg                          |
| (35) Structure Flared                     | 0 - No flare                   |
| (10) Inventory Route Min Vert Clear       | 99.99 ft                       |
| (47) Inventory Route Total Horiz Clear    | 28.9 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                  | 6 - Rural Minor Arterial            |
| (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                              | 6                                   |
| (59) Superstructure                    | 6                                   |
| (60) Substructure                      | 6                                   |
| (61) Channel & Channel Protection      | 6                                   |
| (62) Culverts                          | N                                   |
| LOAD RATING AND POSTING                |                                     |
| (31) Design Load                       | 4 - M 18 / H 20                     |
| (63) Operating Rating Method           | 1                                   |
| (64) Operating Rating                  |                                     |
| Type                                   | 1 - Load Factor(LF)                 |
| Rating                                 | 59                                  |
| (65) Inventory Rating Method           | 1 - Load Factor(LF)                 |
| (66) Inventory Rating                  |                                     |
| Type                                   |                                     |
| Rating                                 | 35                                  |
| (70) Bridge Posting                    | 5 - Equal to or above legal loads   |
| (41) Structure Open/Posted/Closed      | A - Open, no restriction            |
| APPRAISAL                              |                                     |
| (67) Structural Evaluation             |                                     |
| (68) Deck Geometry                     | 4                                   |
| (69) Clearances, Vertical/Horizontal   | N                                   |
| (71) Waterway Adequacy                 | 8                                   |
| (72) Approach Roadway Alignment        | 5                                   |
| (36A) Bridge Railings                  | 0 - Inspected feature does not meet |
| (36B) Transitions                      | 0 - Inspected feature does not meet |
| (36C) Approach Guardrail               | 0 - Inspected feature does not meet |
| (36D) Approach Guardrail Ends          | 0 - Inspected feature does not meet |
| (113) Scour Critical Bridges           | 5 - Bridge foundations determined t |
| PROPOSED IMPROVEMENTS                  |                                     |
| (75) Type of Work                      | 31 - Replacement of bridge or       |
| (76) Length of Structure Improvement   | 159 ft                              |
| (94) Bridge Improvement Cost           | \$ 0                                |
| (95) Roadway Improvement Cost          | \$ 156                              |
| (96) Total Project Cost                | \$ 523                              |
| (97) Year of Improvement Cost Estimate | 2002                                |
| (114) Future ADT                       | 2300                                |
| (115) Year of Future ADT               | 2038                                |

| INSPECTIONS *  |      |             |            |
|--|------|-------------|------------|
| (90) Inspection Date   |      |             | 12/04/2025 |
| (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   |             |            |
| * 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. |      |             |            |

Team Lead: Chris Doggett, Inspection Date: 12/08/2025

### Specifications for National Bridge Inventory Sheets

| IDENTIFICATION              |       |
|-----------------------------|-------|
| B.ID.01 Bridge Number       | 01203 |
| B.ID.02 Bridge Name         |       |
| B.ID.03 Previous Bridge No. |       |
| B.W.01 Year Built           | 1929  |

| LOCATION                                   |                         |
|--|-------------------------|
| B.L.01 State Code                          | 5 - Arkansas            |
| B.L.02 County Code                         | 119 - Pulaski County    |
| B.L.03 Place Code                          | 00000 - N/A             |
| B.L.04 Highway Agency District             | 06 - District 06        |
| B.L.05 Latitude                            | 34.88106                |
| B.L.06 Longitude                           | -92.681                 |
| B.L.07 Border Bridge Number                |                         |
| B.L.08 Border Bridge State or Country Code |                         |
| B.L.09 Border Bridge Insp. Resp.           | 2 - Full responsibility |
| B.L.10 Border Bridge Designated Lead State |                         |
| B.L.11 Bridge Location                     | 1.5 MI W OF SH 13       |
| B.L.12 Metropolitan Planning Organization  | 2                       |

| CLASSIFICATION                           |                                     |
|--|-------------------------------------|
| B.CL.01 Owner                            | S01 - State transportation departme |
| B.CL.02 Maint. Responsibility            | S01 - State transportation departme |
| B.CL.03 Federal or Tribal Land Access    | N - Not Applicable                  |
| B.CL.04 Historic Significance            | N - Bridge is not eligible for the  |
| B.CL.05 Toll                             | N - Bridge does not carry a toll ro |
| B.CL.06 Emergency Evacuation Designation |                                     |

| ROADSIDE HARDWARE                  |  |
|------------------------------------|--|
| B.RH.01A Bridge Railing Type       |  |
| B.RH.01B Bridge Railing Year (YY)  |  |
| B.RH.01C Bridge Railing Test Level |  |
| B.RH.02A Transition Type           |  |
| B.RH.02B Transition Year (YY)      |  |
| B.RH.02C Transition Test Level     |  |

| BRIDGE GEOMETRY                     |       |
|-------------------------------------|-------|
| B.G.01 NBIS Bridge Length           | 129.9 |
| B.G.02 Total Bridge Length          | 129.9 |
| B.G.03 Max Span Length              | 40    |
| B.G.04 Min Span Length              | 30    |
| B.G.05 Bridge Width Out-to-Out      | 29.5  |
| B.G.06 Bridge Width Curb-to-Curb    | 26.2  |
| B.G.07 Left Curb or Sidewalk Width  | 1.3   |
| B.G.08 Right Curb or Sidewalk Width | 1.6   |
| B.G.09 Approach Roadway Width       | 29.9  |

|                             |                           |
|-----------------------------|---------------------------|
| B.G.10 Bridge Median        | 0 - No median             |
| B.G.11 Skew                 | 0                         |
| B.G.12 Curved Bridge        | N - Not curved            |
| B.G.13 Max Bridge Height    | 12                        |
| B.G.14 Sidehill Bridge      | N - Not a sidehill bridge |
| B.G.15 Irregular Deck Area  |                           |
| B.G.16 Calculated Deck Area | 3832.1                    |

| LOADS AND LOAD RATING                        |                                     |
|--|-------------------------------------|
| B.LR.01 Design Load                          | H20 - H-20                          |
| B.LR.02 Design Method                        |                                     |
| B.LR.03 Load Rating Date                     |                                     |
| B.LR.04 Load Rating Method                   | LFR - Load Factor Rating            |
| B.LR.05 Inventory Load Rating Factor         | 0.97                                |
| B.LR.06 Operating Load Rating Factor         | 1.64                                |
| B.LR.07 Controlling Legal Load Rating Factor |                                     |
| B.LR.08 Routine Permit Loads                 | Bridge does not carry routine permi |

| INSPECTION REQUIREMENTS          |                                     |
|----------------------------------|-------------------------------------|
| B.IR.01 NSTM Inspection Required | N - NSTM inspection not required.   |
| B.IR.02 Fatigue Details          | N - No E/E' details                 |
| B.IR.03 UW Inspection Required   | N - Underwater inspection not requi |
| B.IR.04 Complex Feature          | N - Bridge does not have complex fe |

| COMPONENT CONDITION RATINGS                 |                                |
|---|--------------------------------|
| B.C.01 Deck Condition Rating                | 6 - SATISFACTORY - Widespread  |
| B.C.02 Superstructure Condition             | 6 - SATISFACTORY - Widespread  |
| B.C.03 Substructure Condition               | 6 - SATISFACTORY - Widespread  |
| B.C.04 Culvert Condition                    | N - NOT APPLICABLE - Component |
| B.C.05 Bridge Railing Condition             | 7 - GOOD - Some minor defects. |
| B.C.06 Bridge Railing Transitions Condition | 7 - GOOD - Some minor defects. |
| B.C.07 Bridge Bearings Cond.                | 6 - SATISFACTORY - Widespread  |
| B.C.08 Bridge Joints Condition              | 6 - SATISFACTORY - Widespread  |
| B.C.09 Channel Condition Rating             | 6 - SATISFACTORY - Widespread  |
| B.C.10 Channel Protection Condition         | 6 - SATISFACTORY - Widespread  |
| B.C.11 Scour Condition Rating               | 5 - Moderate scour; strength a |
| B.C.12 Bridge Condition Classification      | F - Fair                       |
| B.C.13 Lowest Condition Rating              | 6 - SATISFACTORY - Widespread  |
| B.C.14 NSTM Insp. Condition                 | N - NOT APPLICABLE - Component |
| B.C.15 UW Inspection Condition              |                                |

| APPRAISAL                          |                                     |
|------------------------------------|-------------------------------------|
| B.AP.01 Approach Roadway Alignment | F - Fair                            |
| B.AP.02 Overtopping Likelihood     | 1 - Remote - once every 100 years o |
| B.AP.03 Scour Vulnerability        | 0 - Scour appraisal has not been co |
| B.AP.04 Scour Plan of Action       | 0 - A scour POA is not required.    |
| B.AP.05 Seismic Vulnerability      | 0 - Seismic evaluation not complete |

Team Lead: Chris Doggett, Inspection Date: 12/08/2025

| SPAN SETS                      |                                |  |                                |
|--------------------------------|--------------------------------|--|--------------------------------|
| <b>M1</b>                      |                                |  |                                |
| B.SP.02 # of Spans             | 4                              | B.SP.08 Deck Interaction                   | IM - Integral or monolithic    |
| B.SP.03 # of Beam Lines        | 5                              | B.SP.09 Deck Material and Type             | C01 - Reinforced concrete - ca |
| B.SP.04 Span Material          | C01 - Reinforced concrete - ca | B.SP.10 Wearing Surface                    | B01 - Bituminous (asphalt)     |
| B.SP.05 Span Continuity        | 1 - Simple or single span      | B.SP.11 Deck Protective System             | 0 - None                       |
| B.SP.06 Span Type              | G03 - Girder/beam - tee-beam   | B.SP.12 Deck Reinforcing Protective System | 0 - None                       |
| B.SP.07 Span Protective System | 0 - None                       | B.SP.13 Deck Stay-In-Place Forms           | 0 - None                       |

| SUBSTRUCTURE SETS                 |                                |  |                             |
|-----------------------------------|--------------------------------|--|-----------------------------|
| <b>A1</b>                         |                                |  |                             |
| B.SB.02 No. of Substructure Units | 2                              | B.SB.05 Substructure Protective System | 0 - None                    |
| B.SB.03 Substructure Material     | C01 - Reinforced concrete - ca | B.SB.06 Foundation Type                | F02 - Footing - on rock     |
| B.SB.04 Substructure Type         | A01 - Abutment - cantilever/wa | B.SB.07 Foundation Protective System   | 0 - None                    |
| <b>P1</b>                         |                                |  |                             |
| B.SB.02 No. of Substructure Units | 3                              | B.SB.05 Substructure Protective System | 0 - None                    |
| B.SB.03 Substructure Material     | C01 - Reinforced concrete - ca | B.SB.06 Foundation Type                | F01 - Footing - not on rock |
| B.SB.04 Substructure Type         | B02 - Bent - column with web w | B.SB.07 Foundation Protective System   | 0 - None                    |

| HIGHWAY FEATURES                        |                          |  |      |
|---|--------------------------|--|------|
| <b>H1</b>                               |                          |  |      |
| B.F.02 Feature Location                 | C - Carried on bridge    | B.H.09 Annual ADT                              | 2000 |
| B.F.03 Feature Name                     | SH 10-7 Log 4.71         | B.H.10 Annual ADTT                             | 40   |
| B.H.01 Functional Classification        | 4 - Minor Arterial       | B.H.11 Year of Annual ADT                      | 2018 |
| B.H.02 Urban Code                       | 99999                    | B.H.12 Highway Max Usable Vertical Clearance   | 99.9 |
| B.H.03 NHS Designation                  | N - Non-NHS              | B.H.13 Highway Min Vertical Clearance          | 99.9 |
| B.H.04 National Highway Freight Network | N - Not on the NHFN      | B.H.14 Highway Min Horizontal Clearance, Left  |      |
| B.H.05 STRAHNET Designation             | N - Not a STRAHNET route | B.H.15 Highway Min Horizontal Clearance, Right |      |
| B.H.06 LRS Route ID                     | 10070                    | B.H.16 Highway Max Usable Surface Width        | 28.8 |
| B.H.07 LRS Mile Point                   | 4.709                    | B.H.17 Bypass Detour Length                    | 25   |
| B.H.08 Lanes On Highway                 | 2                        | B.H.18 Crossing Bridge Number                  |      |

| HIGHWAY ROUTES |                           |                      |   |                    |                      |
|----------------|---------------------------|----------------------|---|--------------------|----------------------|
| Highway Parent | B.RT.01 Route Designation | B.RT.02 Route Number | B.RT.03 Route Direction                 | B.RT.04 Route Type | B.RT.05 Service Type |
| H1             | 1                         | 10                   | 2-T - TEMP - Two-way traffic - NS or EW | 3 - State route    | 1 - Mainline         |



Team Lead: Chris Doggett, Inspection Date: 12/08/2025

## WATERWAY FEATURES

W1

|  |                          |   |  |
|--|--------------------------|---|--|
| B.F.02 Feature Location                  | B - Below bridge         | B.N.03 Movable Bridge Max Navigation Vertical Clearance |  |
| B.F.03 Feature Name                      | Bringle Creek            | B.N.04 Navigation Channel Width                         |  |
| B.N.01 Navigable Waterway                | N - Not navigable waters | B.N.05 Navigation Channel Min Horizontal Clearance      |  |
| B.N.02 Navigation Min Vertical Clearance |                          | B.N.06 Substructure Navigation Protection               |  |

## POSTING STATUS DATA

|                             |                                    |
|-----------------------------|------------------------------------|
| B.PS.01 Load Posting Status | B.PS.02 Posting Status Change Date |
| PO - Permanent and Open     |                                    |

## LOAD EVALUATION AND POSTING

|                                  |                                  |                      |                       |
|----------------------------------|----------------------------------|----------------------|-----------------------|
| B.EP.01 Legal Load Configuration | B.EP.02 Legal Load Rating Factor | B.EP.03 Posting Type | B.EP.04 Posting Value |
|----------------------------------|----------------------------------|----------------------|-----------------------|



Asset #01203(Routine, Underwater type 2)

SH 10-7 Log 4.71 over BRINGLE CREEK

Location: 1.5 MI W OF SH 13

Team Lead: Chris Doggett Inspection Date: 12/08/2025

## Inspection Notes

### General Observation

Team Lead – Chris Doggett  
Bridge Inspector – Tulsa Collins  
Bridge was inspected from the stream bed.  
See AHTD drawing #2618 for layout.  
Logged east bound.

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### 58 - Deck (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Overall the deck is in satisfactory condition. The soffit has scattered cracks delaminations patched areas and small spalls.  
Span 3 spall and delam between girders 3 & 4.  
Span 4 between girders 3 & 4 spall with exposed rebar in the soffit. 3' x 1" x 1/2" deep.

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### 59 - Superstructure (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Overall the superstructure is in satisfactory condition. Span 1 bent 2 girder 2 right side spall with exposed rebar at girder haunch.  
Span 2 girder 2 at bent 3 left side spall with exposed rebar and girders 3 and 4 have delaminations.

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### 60 - Substructure (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Overall the substructure is in satisfactory condition. Pier walls and columns with scattered spalls, abrasion and cracks.

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### 61 - Channel/Channel Protection (6 - Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly.)

underwater measurements were taken with measure tape with weight on end

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## National Bridge Element Quantities and Notes

| ELEMENTS   | DESCRIPTION                          | UNITS | TOTAL | CS1  | CS2 | CS3 | CS4 |
|--|--------------------------------------|-------|-------|------|-----|-----|-----|
| 16   | Reinforced Concrete Top Flange       | SF    | 3848  | 3778 | 61  | 9   | 0   |
| 1080   | Delamination/Spall/Patched Area      | SF    | 30    | 0    | 30  | 0   | 0   |
| 1090   | Exposed Rebar                        | SF    | 9     | 0    | 0   | 9   | 0   |
| 1130   | Cracking (RC and Other)              | SF    | 31    | 0    | 31  | 0   | 0   |
| 510  | Wearing Surfaces                     | SF    | 3380  | 3355 | 25  | 0   | 0   |
| 3210   | Delam/Spall/Patched Area/Pothole     | SF    | 1     | 0    | 1   | 0   | 0   |
| 3220   | Crack (Wearing Surface)              | SF    | 24    | 0    | 24  | 0   | 0   |
| (16) The soffit has scattered cracks delaminations patched areas and small spalls.<br>Span 3 spall and delam between girders 3 & 4.<br>Span 4 between girders 3 & 4 spall with exposed rebar in the soffit. 3' x 1" x 1/2" deep.<br>(510-16) potholes have been filled<br>cracks in the wearing surface at the joint over bent 2 and 3 |                                      |       |       |      |     |     |     |
| 110  | Reinforced Concrete Open Girder/Beam | LF    | 650   | 643  | 0   | 7   | 0   |
| 1080   | Delamination/Spall/Patched Area      | LF    | 3     | 0    | 0   | 3   | 0   |
| 1090   | Exposed Rebar                        | LF    | 4     | 0    | 0   | 4   | 0   |
| (110) Span 1 bent 2 girder 2 right side spall with exposed rebar at girder haunch.<br>Span 2 girder 2 at bent 3 left side spall with exposed rebar and girders 3 and 4 have delainations.  |                                      |       |       |      |     |     |     |
| 205  | Reinforced Concrete Column           | EA    | 12    | 8    | 2   | 2   | 0   |
| 1190   | Abrasion/Wear (PSC/RC)               | EA    | 4     | 0    | 2   | 2   | 0   |
| (205) bent 4 column 1 has heavy abrasion at the water line   |                                      |       |       |      |     |     |     |
| 210  | Reinforced Concrete Pier Wall        | LF    | 78    | 0    | 66  | 12  | 0   |
| 1080   | Delamination/Spall/Patched Area      | LF    | 2     | 0    | 0   | 2   | 0   |
| 1090   | Exposed Rebar                        | LF    | 5     | 0    | 0   | 5   | 0   |
| 1190   | Abrasion/Wear (PSC/RC)               | LF    | 71    | 0    | 66  | 5   | 0   |
| (210) Bent 2 pier wall back small spalls with exposed rebar & delamination under girder 5.<br>Bent 4 pier wall back server abrasion. Common at bent 3.<br>Small spalls with exposed rebar on the ahead face of bent 4.   |                                      |       |       |      |     |     |     |
| 215  | Reinforced Concrete Abutment         | LF    | 152   | 145  | 6   | 1   | 0   |
| 1080   | Delamination/Spall/Patched Area      | LF    | 1     | 0    | 1   | 0   | 0   |
| 1090   | Exposed Rebar                        | LF    | 1     | 0    | 0   | 1   | 0   |
| 1130   | Cracking (RC and Other)              | LF    | 5     | 0    | 5   | 0   | 0   |
| (215) Bent 1 has a small spall with exposed rebar between girders 4 & 5.<br>Bent 5 has a delamination under girder 4 and scattered smal cracks.  |                                      |       |       |      |     |     |     |



**Asset #01203**(Routine, Underwater type 2)

**SH 10-7 Log 4.71 over BRINGLE CREEK**

**Location: 1.5 MI W OF SH 13**

**Team Lead:** Chris Doggett **Inspection Date:** 12/08/2025

| ELEMENTS  | DESCRIPTION                     | UNITS | TOTAL | CS1 | CS2 | CS3 | CS4 |
|---|---------------------------------|-------|-------|-----|-----|-----|-----|
| 234   | Reinforced Concrete Pier Cap    | LF    | 85    | 81  | 3   | 1   | 0   |
| 1080  | Delamination/Spall/Patched Area | LF    | 1     | 0   | 0   | 1   | 0   |
| 1090  | Exposed Rebar                   | LF    | 3     | 0   | 3   | 0   | 0   |
| (234) Bent 2 pier wall back small spalls with exposed rebar & delamination under girder 5. 1' x 8"x 2" deep.      |                                 |       |       |     |     |     |     |
| 311   | Movable Bearing                 | EA    | 10    | 6   | 0   | 4   | 0   |
| 1000  | Corrosion                       | EA    | 4     | 0   | 0   | 4   | 0   |
| (311) Six bronze bearings and four steel shoe bearings. The outers bearings at bents 2 & 4 have active corrosion. |                                 |       |       |     |     |     |     |
| 330   | Metal Bridge Railing            | LF    | 260   | 260 | 0   | 0   | 0   |
| 515   | Steel Protective Coating        | SF    | 520   | 520 | 0   | 0   | 0   |

## Inspection Photos and Notes



Elevation



Deck view



Undersurface view



Channel looking upstream





Channel looking downstream.



Inventory looking east



Span 4 between girders 3 & 4 spall with exposed rebar in the soffit. 3' x 1" x 1/2" deep.



Span 1, girder 2, at bent 2: small spall with exposed rebar. CS3-1'





12/18/2023

Span 1 bent 2 girder 2 right side spall with exposed rebar at girder haunch. 8" x 8" x 1" deep.



12/08/2025

Bent 4, column 1: bottom of column with a spall. CS3-1



12/18/2023

Bent 2 pier wall back small spalls with exposed rebar & delamination under girder 5. 1' x 8"x 2" deep.

### Maintenance Needs

**Date Reported:** 01/05/2016

**Priority:** C - Important

**Type of Work:** Repair (General)

**Status:** Monitor

**Component:**

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### Deficiency Description

Bent 4 pier wall back server abrasion. Common at bent 3.

### Remarks

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12/08/2025

Bent 4, column 1: bottom of column with a spall. CS3-1  
2025



02/16/2020

Bent 4 pier wall back server abrasion. Common at bent 3.



02/16/2020

Bent 4 pier wall back server abrasion. Common at bent 3.



### Maintenance Needs

**Date Reported:** 12/18/2023

**Priority:** C - Important

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

**Status:** Monitor

**Component:** Channel

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### Deficiency Description

Logs and debris at bent 3 restricting water flow.

### Remarks

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Logs and debris at bent 3 restricting water flow.

## Routine Maintenance

### Check Box Maintenance Items

| Type of Maintenance                           | Is Recommended? |
|---|-----------------|
| A-54 - Sealable Deck Cracks                   | No              |
| A-55 - Deck Washing Needed                    | No              |
| 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     | No              |
| A-64 - Vegetation Removal Requested           | No              |
| A-65 - Clogged deck drains?                   | No              |
| A-66 - Approach minor pothole/leveling needed | No              |

**A-54 - Sealable Deck Cracks (No)**

**A-55 - Deck Washing Needed (No)**

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





**Asset #01203**(Routine, Underwater type 2)

**SH 10-7 Log 4.71 over BRINGLE CREEK**

**Location: 1.5 MI W OF SH 13**

**Team Lead: Chris Doggett Inspection Date: 12/08/2025**

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

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

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

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

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

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

**A-63 - Missing/Incorrect Log Mile Signage (No)**

**A-64 - Vegetation Removal Requested (No)**

**A-65 - Clogged deck drains? (No)**



**Asset #01203**(Routine, Underwater type 2)

**SH 10-7 Log 4.71 over BRINGLE CREEK**

**Location: 1.5 MI W OF SH 13**

**Team Lead:** Chris Doggett **Inspection Date:** 12/08/2025

**A-66 - Approach minor pothole/leveling needed (No)**



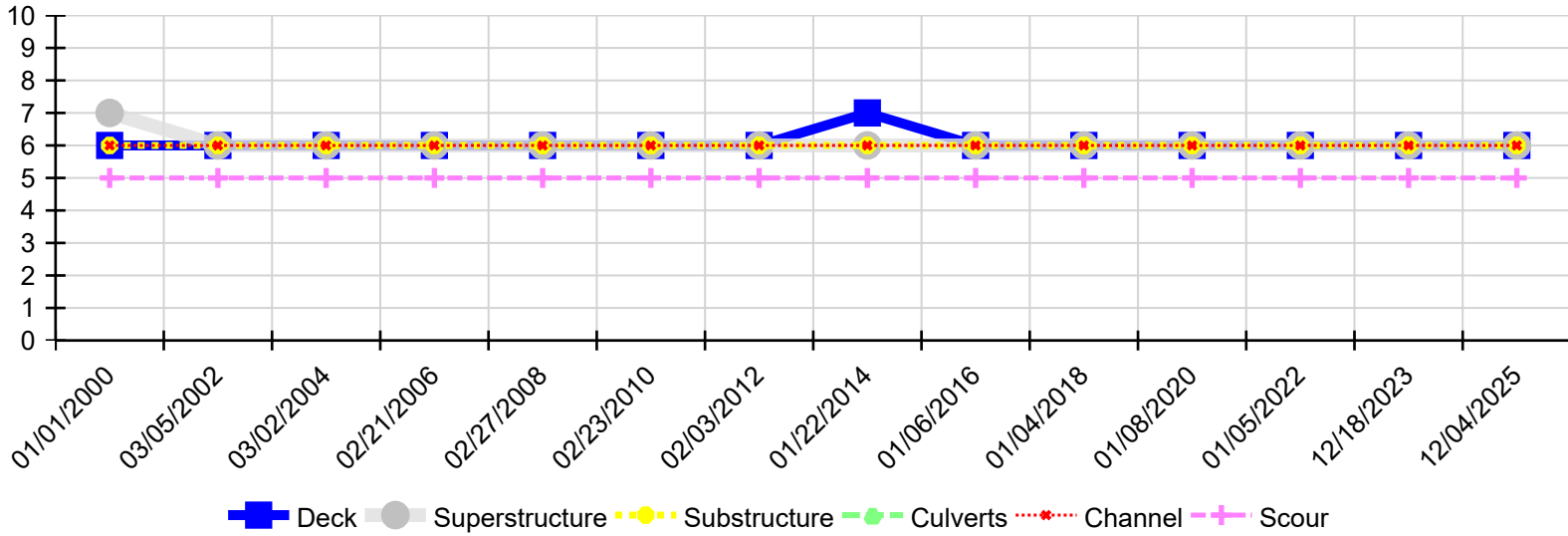
Asset #01203(Routine, Underwater type 2)

SH 10-7 Log 4.71 over BRINGLE CREEK

Location: 1.5 MI W OF SH 13

Team Lead: Chris Doggett Inspection Date: 12/08/2025

Condition History



| Inspection Date | Deck | Superstructure | Substructure | Culverts | Channel | Scour |
|-----------------|------|----------------|--------------|----------|---------|-------|
| 12/04/2025      | 6    | 6              | 6            | N        | 6       | 5     |
| 12/18/2023      | 6    | 6              | 6            | N        | 6       | 5     |
| 01/05/2022      | 6    | 6              | 6            | N        | 6       | 5     |
| 01/08/2020      | 6    | 6              | 6            | N        | 6       | 5     |
| 01/04/2018      | 6    | 6              | 6            | N        | 6       | 5     |
| 01/06/2016      | 6    | 6              | 6            | N        | 6       | 5     |
| 01/22/2014      | 7    | 6              | 6            | N        | 6       | 5     |
| 02/03/2012      | 6    | 6              | 6            | N        | 6       | 5     |
| 02/23/2010      | 6    | 6              | 6            | N        | 6       | 5     |
| 02/27/2008      | 6    | 6              | 6            | N        | 6       | 5     |
| 02/21/2006      | 6    | 6              | 6            | N        | 6       | 5     |
| 03/02/2004      | 6    | 6              | 6            | N        | 6       | 5     |
| 03/05/2002      | 6    | 6              | 6            | N        | 6       | 5     |
| 01/01/2000      | 6    | 7              | 6            | N        | 6       | 5     |