



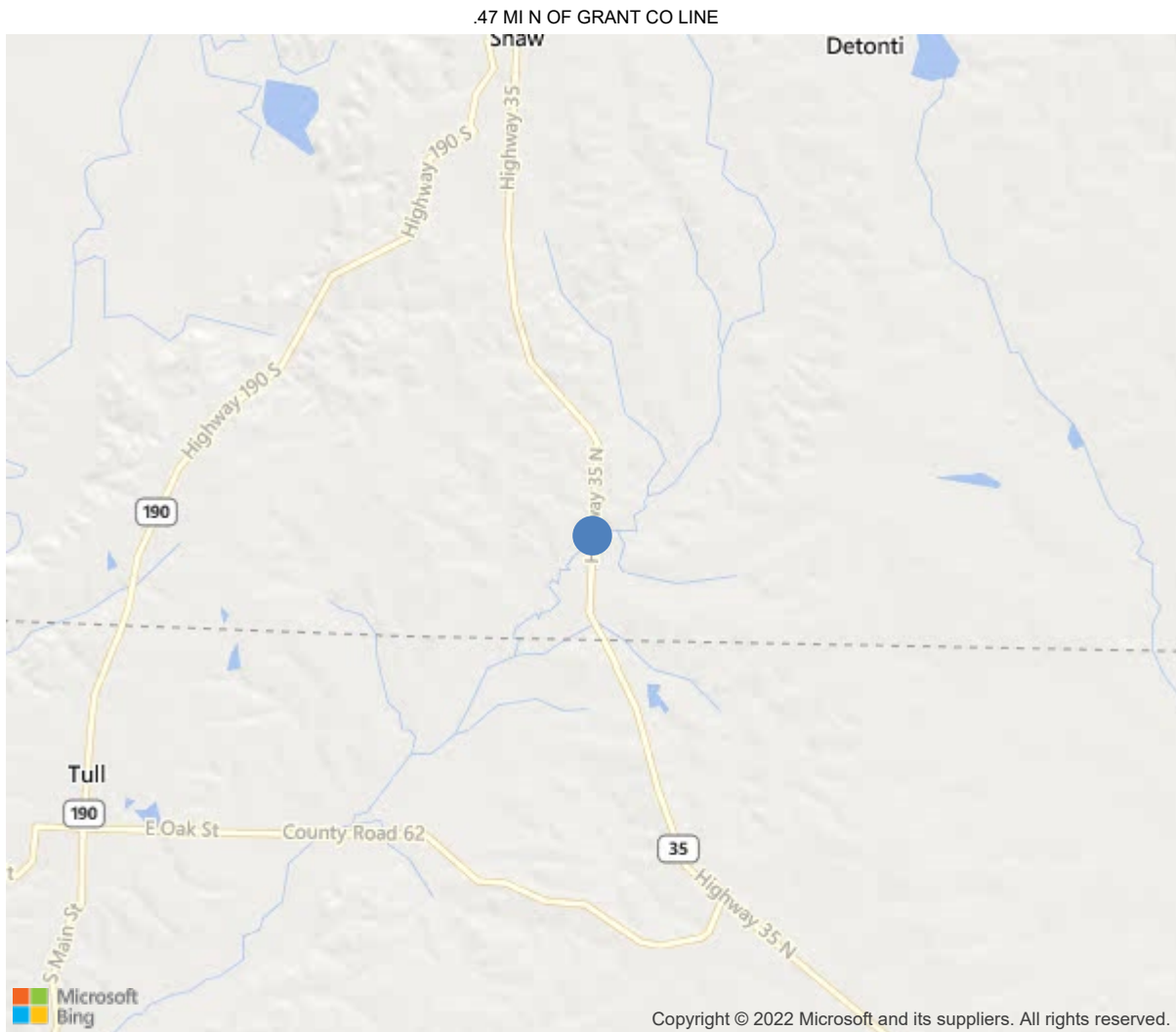
Latitude:34.46153, Longitude:-92.53258

Route:35 Section:01 Log:9.97

Arnold Road ID:62x35x1xA, Arnold Log mile:9.954

District 06, Saline County

Owner: 1-State Highway Agency



34.46153, -92.53258

Inspection Direction : N to S



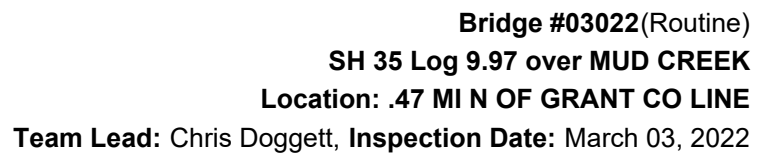
Bridge #03022(Routine)
SH 35 Log 9.97 over MUD CREEK
Location: .47 MI N OF GRANT CO LINE

Team Lead: Chris Doggett Inspection Date: March 03, 2022

| IDENTIFICATION | |
|---|--|
| (1) State Names | Arkansas |
| (8) Structure Number | 03022 |
| (5) Inventory Route | 35 |
| (2) Highway Agency District | 06 |
| (3) County Code | 125-Saline County, Arkansas |
| (4) Place Code | 0 |
| (6) Features Intersected | MUD CREEK |
| (7) Facility Carried | SH 35 Log 9.97 |
| (9) Location | .47 MI N OF GRANT CO LINE |
| (11) Mile Point | 9.97 mi |
| (12) Base Highway Network | Yes |
| (13) LRS Inventory Rte & Subrte | 0000035010 |
| (16) Latitude | 34.46153 |
| (17) Longitude | -92.53258 |
| (98) Border Bridge State Code | |
| (99) Border Bridge Structure No. | |
| STRUCTURE TYPE AND MATERIAL | |
| (43) Main Structure Type | 11 |
| Material | 1-Concrete |
| Type | 1-Slab |
| (44) Approach Structure Type | 00 |
| Material | 0-Other |
| Type | 0-Other |
| (45) No. of Spans in Main Unit | 3 |
| (46) No. of Approach Spans | 0 |
| (107) Deck Structure Type | 1-Concrete Cast-in-Place |
| (108) Wearing Surface/Protective System | |
| Type of Wearing Surface | 1-Monolithic Concrete (concurrently placed |
| Type of Membrane | 0-None |
| Type of Deck Protection | 0-None |
| AGE AND SERVICE | |
| (27) Year Built | 1956 |
| (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 | 2900 |
| (30) Year of ADT | 2018 |
| (109) Truck ADT | 1 % |
| (19) Bypass, Detour Length | 19 mi |
| GEOMETRIC DATA | |
| (48) Length of Maximum Span | 28 ft |
| (49) Structure Length | 84 ft |
| (50) Curb or Sidewalk Width | |
| Left | 0.9 ft |
| Right | 0.9 ft |
| (51) Bridge Roadway Width Curb to Curb | 24 ft |
| (52) Deck Width Out to Out | 27 ft |
| (32) Approach Roadway Width (W/Shoulders) | 25.9 ft |
| (33) Bridge Median | 0-No median |
| (34) Skew | 0 Deg |
| (35) Structure Flared | No flare |
| (10) Inventory Route Min Vert Clear | 99.99 ft |
| (47) Inventory Route Total Horiz Clear | 24.9 ft |
| (53) Min Vert Clear Over Bridge Rdwy | 99.99 ft |
| (54) Min Vert Underclear | 0 ft |
| Ref: | |
| (55) Min Lat Underclear RT | 99.9 ft |
| Ref: | |
| (56) Min Lat Underclear LT | 0 ft |
| NAVIGATION DATA | |
| (38) Navigation Control | 0-No navigation control on water |
| (111) Pier Protection | 1-Navigation protection not requ |
| (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 a S |
| (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 part of |
| (20) Toll | 3-On free road. The structure is toll- |
| (21) Maintain | 1-State Highway Agency |
| (22) Owner | 1-State Highway Agency |
| (37) Historical Significance | 5-Bridge is not eligible for the NRHP |
| 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 | 2-M 13.5 / H 15 |
| (63) Operating Rating Method | 1 |
| (64) Operating Rating | |
| Type | 1-Load Factor(LF) |
| Rating | 48 |
| (65) Inventory Rating Method | 1-Load Factor(LF) |
| (66) Inventory Rating | |
| Type | 3 |
| Rating | 29 |
| (70) Bridge Posting | 5-Equal to or above legal loads |
| (41) Structure Open/Posted/Closed | A-Open, no restriction |
| APPRAISAL | |
| (67) Structural Evaluation | 6 |
| (68) Deck Geometry | 2 |
| (69) Clearances, Vertical/Horizontal | N |
| (71) Waterway Adequacy | 6 |
| (72) Approach Roadway Alignment | 8 |
| (36A) Bridge Railings | 0-Inspected feature does not meet cur |
| (36B) Transitions | 1-Inspected feature meets currently a |
| (36C) Approach Guardrail | 1-Inspected feature meets currently a |
| (36D) Approach Guardrail Ends | 1-Inspected feature meets currently a |
| (113) Scour Critical Bridges | 5-Bridge foundations determined to be |
| 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 | 2199 |
| (115) Year of Future ADT | 2028 |

| INSPECTIONS * | | | |
|--|------|-------------|-----------|
| (90) Inspection Date | | | 03/2022 |
| (91) Frequency | | | 24 Months |
| (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. | | | |



| ELEM | DESCRIPTION | UNITS | TOTAL | CS1 | CS2 | CS3 | CS4 |
|---|---------------------------------|-------|-------|------|-----|-----|-----|
| 38 | RC Slab | SF | 2268 | 2267 | 1 | 0 | 0 |
| 1090 | Exposed Rebar | SF | 1 | 0 | 1 | 0 | 0 |
| (38) | | | | | | | |
| Span 1 soffit has exposed rebar. As per Job 012375 the deck surface has hydrodemolition and a latex modified conc. overlay added. (1 1/2" thick). | | | | | | | |
| 215 | Reinforced Concrete Abutment | LF | 77 | 77 | 0 | 0 | 0 |
| 227 | Reinforced Concrete Pile | EA | 8 | 0 | 8 | 0 | 0 |
| 1190 | Abrasion/Wear (PSC/RC) | EA | 8 | 0 | 8 | 0 | 0 |
| (227) | | | | | | | |
| All piles have light abrasion. | | | | | | | |
| 234 | Reinforced Concrete Pier Cap | LF | 57 | 45 | 12 | 0 | 0 |
| 1080 | Delamination/Spall/Patched Area | LF | 5 | 0 | 5 | 0 | 0 |
| 1130 | Cracking (RC and Other) | LF | 7 | 0 | 7 | 0 | 0 |
| (234) | | | | | | | |
| Bent 3 back side has delam and cracks with efflorescence. Bent 2 back side has cracking. At both bents 2 and 3 the ends of the caps have been repaired as per job 012375 | | | | | | | |
| 301 | Pourable Joint Seal | LF | 52 | 52 | 0 | 0 | 0 |
| (301) | | | | | | | |
| All joint seals have been replaced as per job 012375 in 2022. | | | | | | | |
| 330 | Metal Bridge Railing | LF | 168 | 84 | 84 | 0 | 0 |
| 1000 | Corrosion | LF | 84 | 0 | 84 | 0 | 0 |
| 515 | Steel Protective Coating | SF | 504 | 504 | 0 | 0 | 0 |
| (330) | | | | | | | |
| The railing has been replaced in 2022 as per job 012375 | | | | | | | |



Bent 3: left end of cap has been repaired by contractor



Bent 2: left end of cap has been repaired by contractor 2022.



Deck view



Bent 3: left side of cap has been repaired.



Soffit view



Updated end treatment added 2022



Contractor has updated guard railing and end treatments. (added in 2022)



Inventory looking south



New railing added in 2022

Maintenance Needs

Date Reported: 03/14/2012

Priority: D- Routine

Type of Work: None

Status: Monitor

Inspection Direction N to S

Component:

Deficiency Description

Cap ends at bents 2 and 3
Spalls with efflorescence. See photo.

Remarks



Bent 3 left side has spalls with efflorescence.



Bt. 2 & Bt. 3, left ends of caps have spalls with exposed rebar.
Bt. 3 right end is similar.



Bent 3: left side of cap has been repaired.



Bent 2: left end of cap has been repaired by contractor 2022.



Bent 3: left end of cap has been repaired by contractor

Date Reported: 03/14/2012
Priority: C - Important
Type of Work: Repair
Status: Monitor
Inspection Direction N to S
Component: Deck

Deficiency Description

Deck and deck joints on all 3 spans.
Spalls with heavy scaling and pourable joint seal is missing. See photo.

Remarks

As per Job 012375 the deck surface has hydrodemolition and a latex modified conc. overlay added. (1 1/2" thick).



Span 1 failed asphalt patch at joint.



Joint at bent 1 is partially filled with asphalt.



Span 1 right lane failed asphalt patch.



Spalls filled with asphalt, heavy scaling, joint seal missing.



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Team Lead: Chris Doggett Inspection Date: March 03, 2022



Deck view



Bridge #03022(Routine)

SH 35 Log 9.97 over MUD CREEK

Location: .47 MI N OF GRANT CO LINE

Team Lead: Chris Doggett Inspection Date: March 03, 2022

Date Reported: 03/05/2020
Priority: C - Important
Type of Work: Clean
Status: Assigned
Inspection Direction N to S
Component:

Deficiency Description

Brush & debris have built up against column 1, at Bt. 2.

Remarks

Assigned to Saline County 7/15/2020

This debris has been removed as of 2022



Brush has built up against column at Bt. 2.



Bridge #03022(Routine)

SH 35 Log 9.97 over MUD CREEK

Location: .47 MI N OF GRANT CO LINE

Team Lead: Chris Doggett **Inspection Date:** March 03, 2022

Inspection Comments

Job #6496 Drawing #8885 for layout.

Logged south bound. Inspected with log mile, backwards to plans.

As per Job 012375 the deck surface has hydro demolition and a latex modified conc. overlay added. (1 1/2" thick). Also, guardrail and transitions have been added.

Deck Notes

As per Job 012375 the deck surface has hydrodemolition and a latex modified conc. overlay added. (1 1/2" thick).