



Latitude:34.57355, Longitude:-92.81132

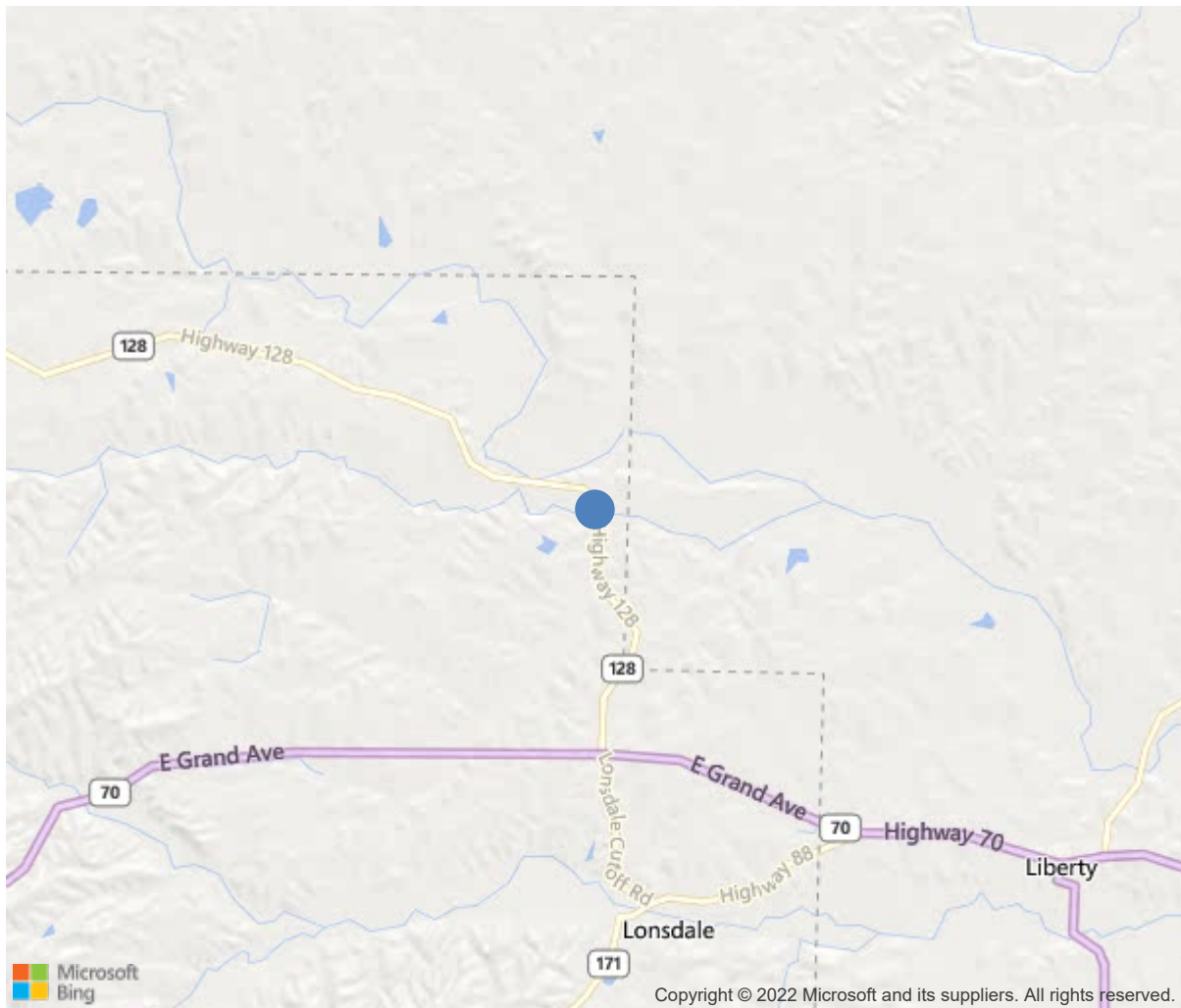
Route:128 Section:11 Log:1.33

Arnold Road ID:26x128x11xA, Arnold Log mile:1.329

District 06, Garland County

Owner: 1-State Highway Agency

1.4 MI W JCT US 70



34.57355, -92.81132



Bridge #06079(Routine)
SH 128- 11 Log 1.3 over SMITH CREEK
Location: 1.4 MI W JCT US 70

Team Lead: Keith Harris Inspection Date: October 12, 2021

| IDENTIFICATION | |
|---|--|
| (1) State Names | Arkansas |
| (8) Structure Number | 06079 |
| (5) Inventory Route | 128 |
| (2) Highway Agency District | 06 |
| (3) County Code | 51-Garland County, Arkansas |
| (4) Place Code | 0 |
| (6) Features Intersected | SMITH CREEK |
| (7) Facility Carried | SH 128- 11 Log 1.3 |
| (9) Location | 1.4 MI W JCT US 70 |
| (11) Mile Point | 1.33 mi |
| (12) Base Highway Network | No |
| (13) LRS Inventory Rte & Subrte | 0000000000 |
| (16) Latitude | 34.57355 |
| (17) Longitude | -92.81132 |
| (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 | 1985 |
| (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 | 1800 |
| (30) Year of ADT | 2018 |
| (109) Truck ADT | 1 % |
| (19) Bypass, Detour Length | 12 mi |
| GEOMETRIC DATA | |
| (48) Length of Maximum Span | 30 ft |
| (49) Structure Length | 90 ft |
| (50) Curb or Sidewalk Width | |
| Left | 0 ft |
| Right | 0 ft |
| (51) Bridge Roadway Width Curb to Curb | 27.9 ft |
| (52) Deck Width Out to Out | 30.8 ft |
| (32) Approach Roadway Width (W/Shoulders) | 27.9 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 | 29.5 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 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 | 7-Rural Major Collector |
| (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 | 7 |
| (59) Superstructure | 7 |
| (60) Substructure | 6 |
| (61) Channel & Channel Protection | 7 |
| (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 | 3 |
| Rating | 36 |
| (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 | 5 |
| (69) Clearances, Vertical/Horizontal | N |
| (71) Waterway Adequacy | 8 |
| (72) Approach Roadway Alignment | 8 |
| (36A) Bridge Railings | 1-Inspected feature meets currently a |
| (36B) Transitions | 0-Inspected feature does not meet cur |
| (36C) Approach Guardrail | 0-Inspected feature does not meet cur |
| (36D) Approach Guardrail Ends | 0-Inspected feature does not meet cur |
| (113) Scour Critical Bridges | 8-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 | 0 |
| (114) Future ADT | 2103 |
| (115) Year of Future ADT | 2028 |

| INSPECTIONS * | | | |
|--|------|-------------|-----------|
| (90) Inspection Date | | | 10/2021 |
| (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. | | | |



Bridge #06079(Routine)
SH 128- 11 Log 1.3 over SMITH CREEK
Location: 1.4 MI W JCT US 70

Team Lead: Keith Harris, Inspection Date: October 12, 2021

| ELEM | DESCRIPTION | UNITS | TOTAL | CS1 | CS2 | CS3 | CS4 |
|-------|---|-------|-------|------|-----|-----|-----|
| 38 | RC Slab | SF | 2775 | 2550 | 179 | 46 | 0 |
| 1080 | Delamination/Spall/Patched Area | SF | 4 | 0 | 4 | 0 | 0 |
| 1130 | Cracking (RC and Other) | SF | 221 | 0 | 175 | 46 | 0 |
| (38) | Deck has small and large unsealed cracks. | | | | | | |
| 205 | Reinforced Concrete Column | EA | 4 | 0 | 4 | 0 | 0 |
| 1190 | Abrasion/Wear (PSC/RC) | EA | 4 | 0 | 4 | 0 | 0 |
| (205) | Columns have light abrasion at ground level | | | | | | |
| 215 | Reinforced Concrete Abutment | LF | 90 | 90 | 0 | 0 | 0 |
| 225 | Steel Pile | EA | 2 | 2 | 0 | 0 | 0 |
| (225) | Pile exposed at bent 1 due to settled embankment. | | | | | | |
| 234 | Reinforced Concrete Pier Cap | LF | 62 | 58 | 0 | 4 | 0 |
| 1080 | Delamination/Spall/Patched Area | LF | 4 | 0 | 0 | 4 | 0 |
| (234) | Bent 2, backside, has a large spall and delam. | | | | | | |
| 301 | Pourable Joint Seal | LF | 56 | 0 | 56 | 0 | 0 |
| 2310 | Leakage | LF | 56 | 0 | 56 | 0 | 0 |
| (301) | Joint seals have lost adhesion and are leaking. | | | | | | |
| 331 | Reinforced Concrete Bridge Railing | LF | 180 | 170 | 10 | 0 | 0 |
| 1090 | Exposed Rebar | LF | 4 | 0 | 4 | 0 | 0 |
| 1130 | Cracking (RC and Other) | LF | 6 | 0 | 6 | 0 | 0 |



Elevation



Approach



Deck overview



Span 2 under view



Spall on back side of Bent 2 cap

Maintenance Needs

Date Reported: 10/27/2015
Priority: D- Routine
Type of Work: None
Status: Monitor
Component:

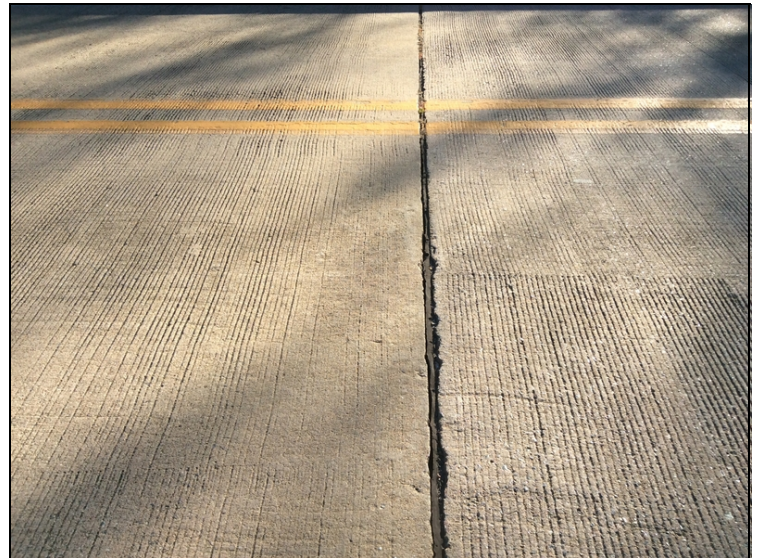
Deficiency Description

Joint seals have lost adhesion and are leaking

Remarks



Bent 2 joint leaking due to lost adhesion.



Bt. 2, joint seal has loss adhesion & leaking.



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Bent 2 joint seal has lost adhesion



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Location: 1.4 MI W JCT US 70

Team Lead: Keith Harris Inspection Date: October 12, 2021

Date Reported: 10/27/2015
Priority: C - Important
Type of Work: None
Status: Monitor
Component:

Deficiency Description

Deck has large unsealed cracks

Remarks



Deck cracks



Span 3, unsealed map cracking.



Span 3, large transverse cracks.



Span 3 right side unsealed map cracking.



Bridge #06079(Routine)
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Location: 1.4 MI W JCT US 70

Team Lead: Keith Harris Inspection Date: October 12, 2021

Date Reported: 10/28/2019
Priority: D- Routine
Type of Work: None
Status: Repair Documented
Component:

Deficiency Description

The approach roadway has potholes on the west side.

Remarks

Assigned Garland 06261 12/4/19



East end of bridge, pothole and patches.



Pot holes have been patched



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Location: 1.4 MI W JCT US 70

Team Lead: Keith Harris **Inspection Date:** October 12, 2021

Inspection Comments

job 06308 dwg 26801 Approach going west

Channel Profile added 10/2021