



Latitude:34.03261, Longitude:-93.47354

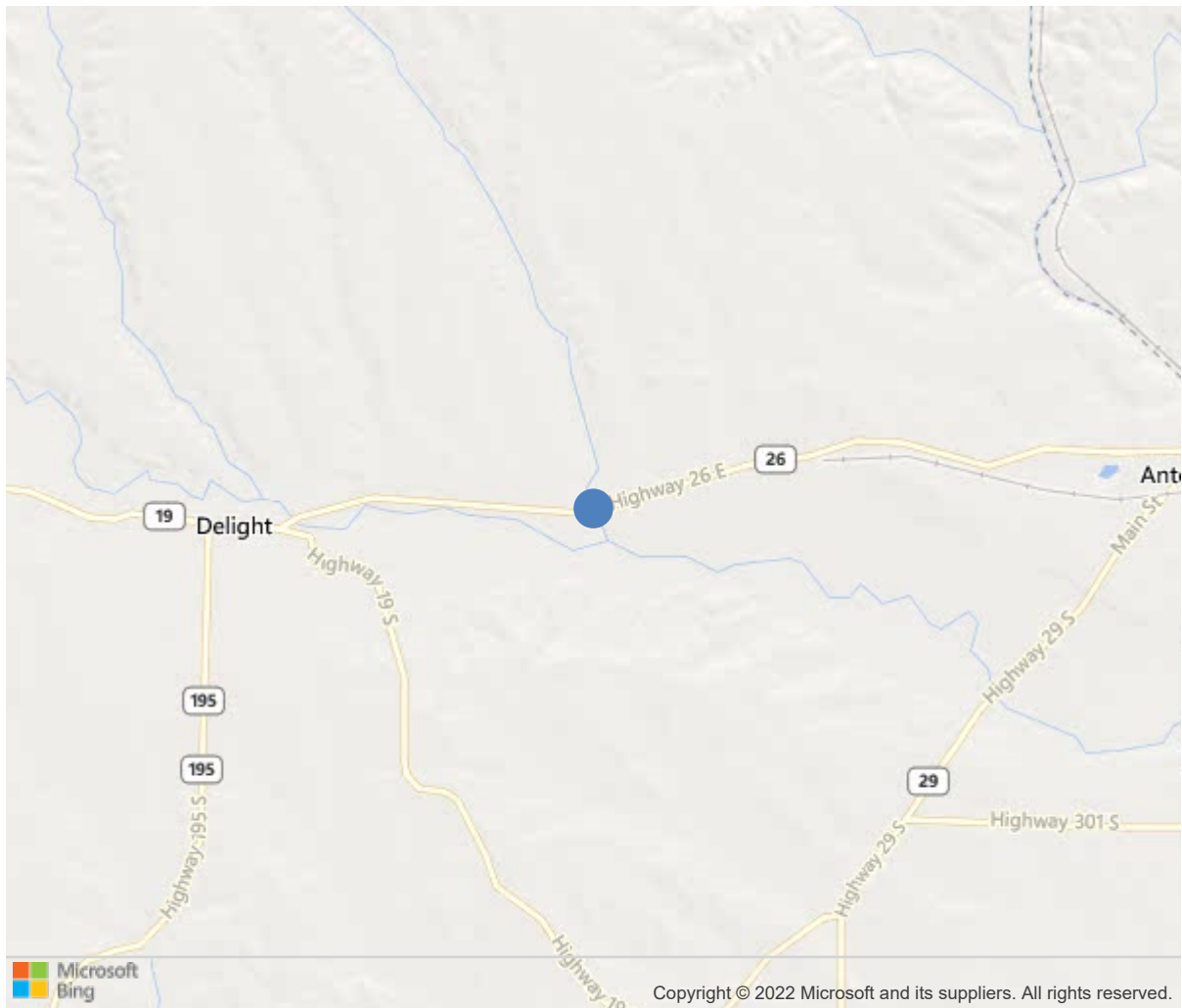
Route:26 Section:03 Log:13.31

Arnold Road ID:55x26x3xA, Arnold Log mile:13.273

District 03, Pike County

Owner: 1-State Highway Agency

3.32 MI W CLARK CO LINE



34.03261, -93.47354



**Bridge #05613(Routine, Underwater type 2)**

**SH 26 - 03 - 13.31 over MILL CREEK**

**Location: 3.32 MI W CLARK CO LINE**

**Team Lead: Charlie Rogers Inspection Date: July 15, 2020**

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	05613
(5) Inventory Route	26
(2) Highway Agency District	03
(3) County Code	109-Pike County, Arkansas
(4) Place Code	0
(6) Features Intersected	MILL CREEK
(7) Facility Carried	SH 26 - 03 - 13.31
(9) Location	3.32 MI W CLARK CO LINE
(11) Mile Point	13.31 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	34.03261
(17) Longitude	-93.47354
(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	6-Bituminous
Type of Membrane	0-None
Type of Deck Protection	0-None
AGE AND SERVICE	
(27) Year Built	1975
(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	1300
(30) Year of ADT	2014
(109) Truck ADT	1 %
(19) Bypass, Detour Length	10 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	35 ft
(49) Structure Length	105 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	32.2 ft
(52) Deck Width Out to Out	34.7 ft
(32) Approach Roadway Width (W/Shoulders)	40 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	33.5 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	7
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	5-MS 18 / HS 20
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1-Load Factor(LF)
Rating	60
(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	7
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	1-Inspected feature meets currently a
(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	0
(114) Future ADT	1505
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date			07/2020
(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.			



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**Team Lead:** Charlie Rogers, **Inspection Date:** July 15, 2020

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
38	RC Slab	SF	3643	3634	9	0	0
1080	Delamination/Spall/Patched Area	SF	8	0	8	0	0
1120	Efflorescence/Rust Staining	SF	1	0	1	0	0
510	Wearing Surfaces	SF	3360	3360	0	0	0
205	Reinforced Concrete Column	EA	4	4	0	0	0
215	Reinforced Concrete Abutment	LF	84	84	0	0	0
234	Reinforced Concrete Pier Cap	LF	140	127	12	1	0
1080	Delamination/Spall/Patched Area	LF	12	0	12	0	0
1090	Exposed Rebar	LF	1	0	0	1	0
301	Pourable Joint Seal	LF	128.8	128.8	0	0	0
331	Reinforced Concrete Bridge Railing	LF	210	210	0	0	0





Underside of deck typical all spans



Deck





Alignment



BOTTOM OF DECK TYPICAL ALL SPANS





AL



DECK PHOTO





SS



RT side, span 2





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**Location: 3.32 MI W CLARK CO LINE**

**Team Lead:** Charlie Rogers **Inspection Date:** July 15, 2020

## Maintenance Needs

**Date Reported:** 07/30/2012

**Priority:** D- Routine

**Type of Work:** None

**Status:** Assigned

**Component:**

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## Deficiency Description

CONCRETE CAP

@ BENT #3 EAST FACE

TWO SPALLS ON EAST FACE OF CAP, ONE IS APPROX. 3 TO 4 ft. LONG W/ REBAR EXPOSED.

## Remarks

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**Location: 3.32 MI W CLARK CO LINE**

**Team Lead:** Charlie Rogers **Inspection Date:** July 15, 2020

**Date Reported:** 07/30/2012  
**Priority:** G - General/ Preventive maintenance  
**Type of Work:** None  
**Status:** Assigned  
**Component:**

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#### **Deficiency Description**

CORNER OF DECK AT BENT 2  
SPALL ON CORNER OF DECK ON RT SIDE ABOVE CAP AT BENT 2  
BENT #3 CORNERS OF SLAB ARE SPALLED OFF, APPROX 1' LONG AND 3" DEEP OVER  
CAP RT. SIDE HAS REBAR EXPOSED....

#### **Remarks**

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**Team Lead:** Charlie Rogers **Inspection Date:** July 15, 2020

### **Inspection Comments**

7/02/2018 AL,SS,DECK PHOTOS TAKEN ....7/15/2020...AL, Elevation, Deck, Def photos taken. Soundings taken this inspection...

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### **Deck Notes**

R.C. SLAB @ BENT #3 ALL FOUR CORNERS OF SLAB ARE SPALLED OFF, APPROX 1' LONG AND 3" DEEP OVER..BT. #3 CAP RT. SIDE HAS REBAR EXPOSED----- SPALL ON CORNER OF DECK ON RT SIDE ABOVE CAP AT BENT 2.....

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### **Superstructure Notes**

SLAB BRIDGE...

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### **Substructure Notes**

CONCRETE CAP @ BENT #3 TWO SPALLS ON EAST FACE OF CAP, ONE IS APPROX. 3 TO 4 ft. LONG W/ REBAR EXPOSED