



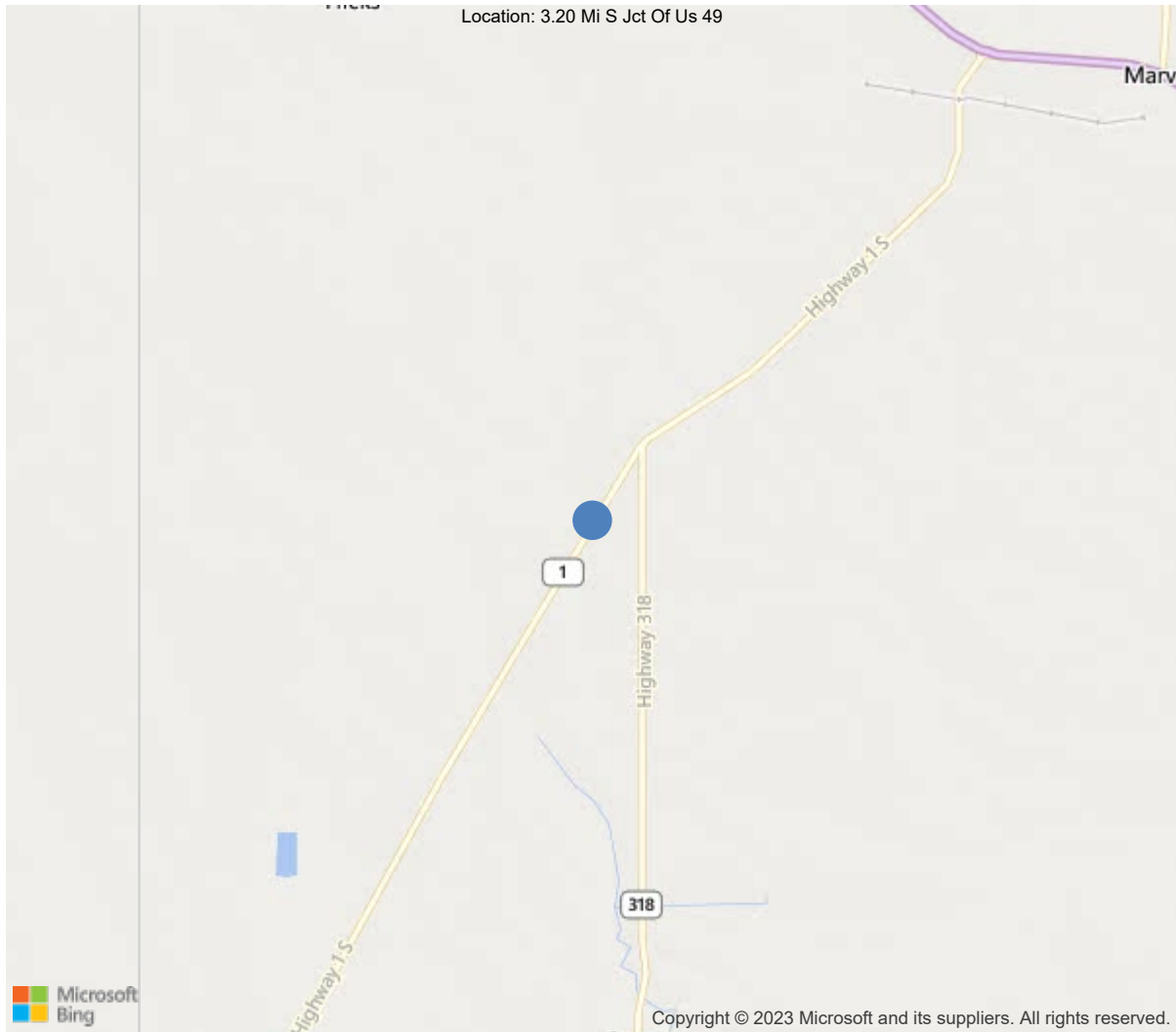
Latitude:34.52732, Longitude:-90.96019

Route:1 Section:07 Log:4.89

Arnold Road ID:54x1x7xA, Arnold Log mile:4.892

District 01, 107 - Phillips County

Owner: 1 - State Highway Agency



34.52732, -90.96019



Asset #03071 (Routine, Underwater type 2)

Sh-1/Sec-7/L-4.89 over Branch Of Coffee Creek

Location: 3.20 Mi S Jct Of Us 49

Team Lead: Drew Melton, Inspection Date: 08/10/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	03071
(5) Inventory Route	1
(2) Highway Agency District	01 - District 01
(3) County Code	107 - Phillips County
(4) Place Code	0
(6) Features Intersected	Branch Of Coffee Creek
(7) Facility Carried	Sh-1/Sec-7/L-4.89
(9) Location	3.20 Mi S Jct Of Us 49
(11) Mile Point	4.89 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000001070
(16) Latitude	34.52732
(17) Longitude	-90.96019
(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	1962
(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	1100
(30) Year of ADT	2019
(109) Truck ADT	19 %
(19) Bypass, Detour Length	5 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	25 ft
(49) Structure Length	75 ft
(50) Curb or Sidewalk Width	
Left	1 ft
Right	1 ft
(51) Bridge Roadway Width Curb to Curb	26 ft
(52) Deck Width Out to Out	29 ft
(32) Approach Roadway Width (W/Shoulders)	25 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	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	1
(26) Functional Class	2 - Rural Principal 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	8
(59) Superstructure	8
(60) Substructure	8
(61) Channel & Channel Protection	8
(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	41
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	25
(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	4
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	9
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	0 - Inspected feature does not meet
(36B) Transitions	1 - Inspected feature meets current
(36C) Approach Guardrail	1 - Inspected feature meets current
(36D) Approach Guardrail Ends	1 - Inspected feature meets current
(113) Scour Critical Bridges	5 - 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	1500
(115) Year of Future ADT	2038

INSPECTIONS *			
(90) Inspection Date	08/10/2022		
(91) Frequency	24		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection			
* 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.			



Asset **#03071** (Routine, Underwater type 2)

District: 01, **County:** 107 - Phillips County

Team Lead: Drew Melton, **Inspection Date:** 08/10/2022

General Observation

DRAWING NUMBERS-9214,9217,5415-16.
Gutters have vegetation growing in them.
Vegetation growing beside and under bridge.

A-46 - Asset Files

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Sh-1/Sec-7/L-4.89 over Branch Of Coffee Creek



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Location: 3.20 Mi S Jct Of Us 49

Team Lead: Drew Melton, **Inspection Date:** 08/10/2022

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4
215	Reinforced Concrete Abutment	LF	76	76	0	0	0
1130	Cracking (RC and Other)	LF	10	10	0	0	0
(215) Abutment caps have hairline vertical cracks.							
227	Reinforced Concrete Pile	EA	8	0	8	0	0
1190	Abrasion/Wear (PSC/RC)	EA	8	0	8	0	0
(227) Piles have light abrasion.							
234	Reinforced Concrete Pier Cap	LF	60	60	0	0	0



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Location: 3.20 Mi S Jct Of Us 49

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Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Side view-elevation



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Location: 3.20 Mi S Jct Of Us 49

Team Lead: Drew Melton, **Inspection Date:** 08/10/2022

Maintenance Needs

Date Reported: 08/20/2018

Priority: C - Important

Type of Work: (Inactive) (Inactive) 1 - Clean

Status: Monitor

Component: Miscellaneous

Deficiency Description

Gutters have vegetation growing in them.

Remarks



Vegetation growing in gutters and beside, under and onto bridge.

Maintenance Needs

Date Reported: 08/10/2016

Priority: C - Important

Type of Work: (Inactive) (Inactive) 1 - Clean

Status: Monitor

Component: Bridge

Deficiency Description

Vegetation growing beside and under bridge.

Remarks



Vegetation growing in gutters and beside, under and onto bridge.



Vegetation growing beside and under bridge both side of both abutments



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Sh-1/Sec-7/L-4.89 over Branch Of Coffee Creek

Location: 3.20 Mi S Jct Of Us 49

Team Lead: Drew Melton, **Inspection Date:** 08/10/2022

Maintenance Needs

Date Reported: 08/26/2020

Priority: D- Routine

Type of Work: Replace (General)

Status: Forward State

Component: Element

Deficiency Description

Span #3 left side fourth rail post missing bolt.

Remarks



Span #3 left side fourth rail post missing bolt.



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Location: 3.20 Mi S Jct Of Us 49

Team Lead: Drew Melton, **Inspection Date:** 08/10/2022

Routine Maintenance

Check Box Maintenance Items

Type of Maintenance	Is recommended?
A-54 - Sealable Deck Cracks	
A-55 - Deck Washing Needed	
A-56 - Joint Cleaning/Flushing Needed	
A-57 - Beam End and Bearing Paint Needed	
A-58 - Cap Cleaning/Flushing Needed	
A-59 - Joint Repair Needed	
A-60 - Full Beam Painting Needed	
A-61 - Polymer Overlay Advised	
A-62 - Hydro and LMC Advised	
A-63 Missing/Incorrect Log Mile Signage	
A-64 - Vegetation Removal Requested	

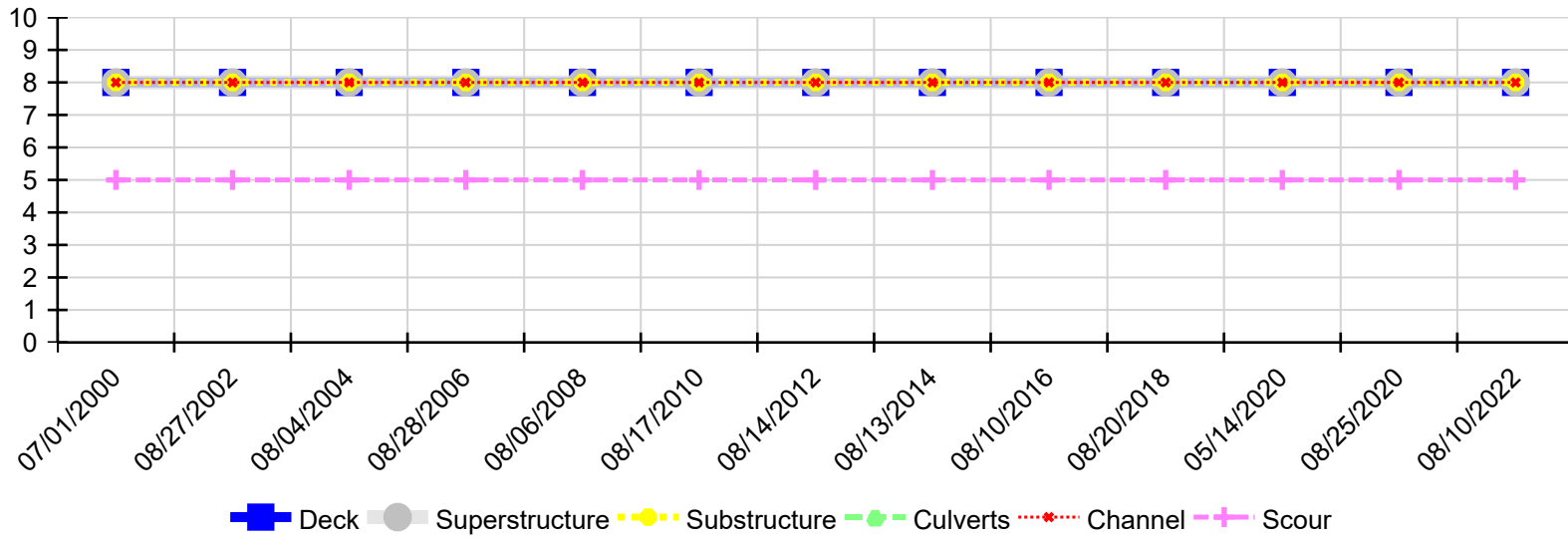


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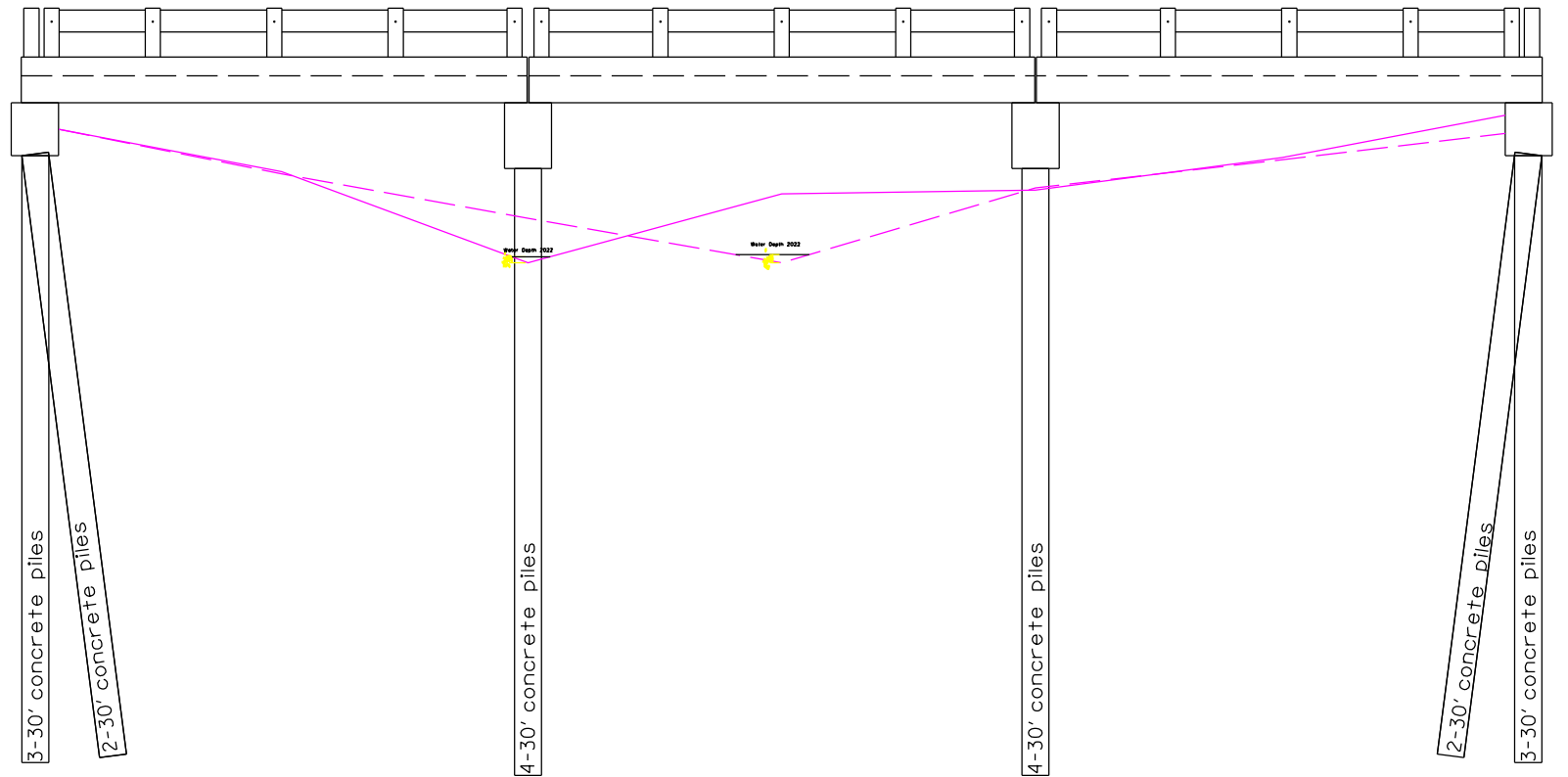
Team Lead: Drew Melton, **Inspection Date:** 08/10/2022

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
08/10/2022	8	8	8	N	8	5
08/25/2020	8	8	8	N	8	5
05/14/2020	8	8	8	N	8	5
08/20/2018	8	8	8	N	8	5
08/10/2016	8	8	8	N	8	5
08/13/2014	8	8	8	N	8	5
08/14/2012	8	8	8	N	8	5
08/17/2010	8	8	8	N	8	5
08/06/2008	8	8	8	N	8	5
08/28/2006	8	8	8	N	8	5
08/04/2004	8	8	8	N	8	5
08/27/2002	8	8	8	N	8	5
07/01/2000	8	8	8	N	8	5

Measurments Taken Top Of Rail



Bent #1 1/2 Bent #2 1/2 Bent #3 1/2 Bent #4

Left 08/10/2022 5.9' 8.1' 10.3' 12.5' 8.8' 7.4' 6.1'

Right 08/10/2022 5.9' 8.0' 12.5' 9.1' 8.9' 7.3' 5.2'