



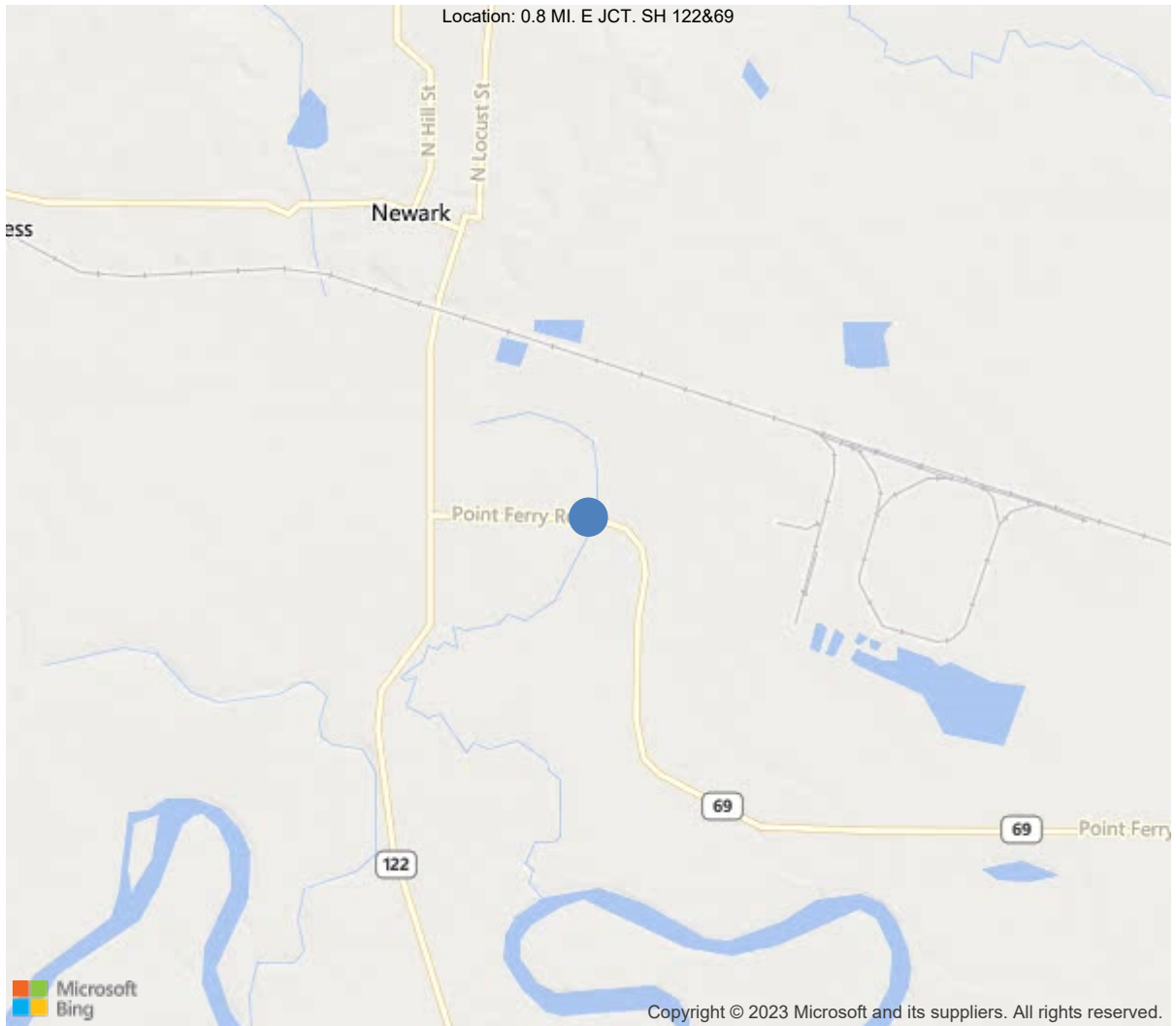
Latitude:35.68040, Longitude:-91.43001

Route:69 Section:04 Log:0.79

Arnold Road ID:32x69x4xA, Arnold Log mile:0.789

District 05, 63 - Independence County

Owner: 1 - State Highway Agency



35.68040, -91.43001



Asset #06839(Routine)

SH 69/Independ Co. over MUD CREEK

Location: 0.8 MI. E JCT. SH 122&69

Team Lead: Kerry Little, Inspection Date: 11/15/2021

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	06839
(5) Inventory Route	1
(2) Highway Agency District	05 - District 05
(3) County Code	63 - Independence County
(4) Place Code	0
(6) Features Intersected	MUD CREEK
(7) Facility Carried	SH 69/Independ Co.
(9) Location	0.8 MI. E JCT. SH 122&69
(11) Mile Point	0.79 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000069040
(16) Latitude	35.680401
(17) Longitude	-91.430008
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	42
Material	4 - Steel continuous
Type	2 - Stringer/Multi-beam or girder
(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 pl
Type of Membrane	0 - None
Type of Deck Protection	1 - Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	2005
(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	3700
(30) Year of ADT	2014
(109) Truck ADT	1 %
(19) Bypass, Detour Length	7 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	39 ft
(49) Structure Length	107 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	40 ft
(52) Deck Width Out to Out	43.2 ft
(32) Approach Roadway Width (W/Shoulders)	40 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	40 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	0 ft
Ref:	
(55) Min Lat Underclear RT	99 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	7
(60) Substructure	7
(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	52
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	31
(70) Bridge Posting	5 - Equal to or above legal loads
(41) Structure Open/Posted/Closed	A - Open, no restriction
APPRAISAL	
(67) Structural Evaluation	7
(68) Deck Geometry	6
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	7
(36A) Bridge Railings	1 - Inspected feature meets current
(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 t
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$
(96) Total Project Cost	\$
(97) Year of Improvement Cost Estimate	
(114) Future ADT	3828
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	11/15/2021		
(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 #06839(Routine)

District: 05, County: 63 - Independence County

Team Lead: Kerry Little, Inspection Date: 11/15/2021

General Observation

Log Mile running to the East.

Job R5006411/29/2017 - Elements updated & Chnl. Prof. done this insp. KBL

A-46 - Asset Files

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SH 69/Independ Co. over MUD CREEK

Location: 0.8 MI. E JCT. SH 122&69

Team Lead: Kerry Little, **Inspection Date:** 11/15/2021

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	4533	3500	381	652	0
1120	Efflorescence/Rust Staining	SF	41	0	41	0	0
1130	Cracking (RC and Other)	SF	992	0	340	652	0
(12) Unsealed cracks to deck @ Spans 1 - 3. Efflorescent cracks to the overhangs.							
107	Steel Open Girder/Beam	LF	525	525	0	0	0
515	Steel Protective Coating	SF	3271	3271	0	0	0
215	Reinforced Concrete Abutment	LF	126	116	10	0	0
1120	Efflorescence/Rust Staining	LF	10	0	10	0	0
(215) 6 efflorescent cracks to Abutment 1. 4 efflorescent cracks to Abutment 2.							
225	Steel Pile	EA	12	12	0	0	0
515	Steel Protective Coating	SF	456	456	0	0	0
234	Reinforced Concrete Pier Cap	LF	86	80	3	3	0
1080	Delamination/Spall/Patched Area	LF	6	0	3	3	0
313	Fixed Bearing	EA	10	10	0	0	0
515	Steel Protective Coating	SF	20	20	0	0	0
321	Reinforced Concrete Approach Slab	SF	1752	1672	80	0	0
1130	Cracking (RC and Other)	SF	80	0	80	0	0
(321) Minor cracking.							
331	Reinforced Concrete Bridge Railing	LF	214	198	16	0	0
1130	Cracking (RC and Other)	LF	16	0	16	0	0
(331) Minor cracking to parapet walls.							



Asset #06839(Routine)

SH 69/Independ Co. over MUD CREEK

Location: 0.8 MI. E JCT. SH 122&69

Team Lead: Kerry Little, Inspection Date: 11/15/2021

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4
107	Steel Open Girder/Beam	LF	525	525	0	0	0
515	Steel Protective Coating	SF	3271	3271	0	0	0



Asset #06839(Routine)

SH 69/Independ Co. over MUD CREEK

Location: 0.8 MI. E JCT. SH 122&69

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Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4
215	Reinforced Concrete Abutment	LF	126	116	10	0	0
1120	Efflorescence/Rust Staining	LF	10	0	10	0	0
(215) 6 efflorescent cracks to Abutment 1. 4 efflorescent cracks to Abutment 2.							
225	Steel Pile	EA	12	12	0	0	0
515	Steel Protective Coating	SF	456	456	0	0	0
234	Reinforced Concrete Pier Cap	LF	86	80	3	3	0
1080	Delamination/Spall/Patched Area	LF	6	0	3	3	0



Asset #06839(Routine)

SH 69/Independ Co. over MUD CREEK

Location: 0.8 MI. E JCT. SH 122&69

Team Lead: Kerry Little, Inspection Date: 11/15/2021

Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
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Elevation with log mile going right.



Roadway with log mile looking east.



Overall deck.



Overall deck below @ span 3.



Overall soffit @ span 1.



Typical efflor cracks to Lt & Rt overhangs.



Typical efflor cracks to abutments 1 & 2.



Minor spalls to ahead side of cap @ bent 1.



Asset #06839(Routine)

SH 69/Independ Co. over MUD CREEK

Location: 0.8 MI. E JCT. SH 122&69

Team Lead: Kerry Little, **Inspection Date:** 11/15/2021

Maintenance Needs

Date Reported: 11/12/2015
Priority: D- Routine
Type of Work: Repair (General)
Status: Monitor
Component:

Deficiency Description

Unsealed cracks to deck @ Spans 1 - 3.

Remarks



Typical deck cracking.



Unsealed cracks to deck @ Spans 1 - 3.



Unsealed cracks to deck @ Spans 1 - 3.



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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	



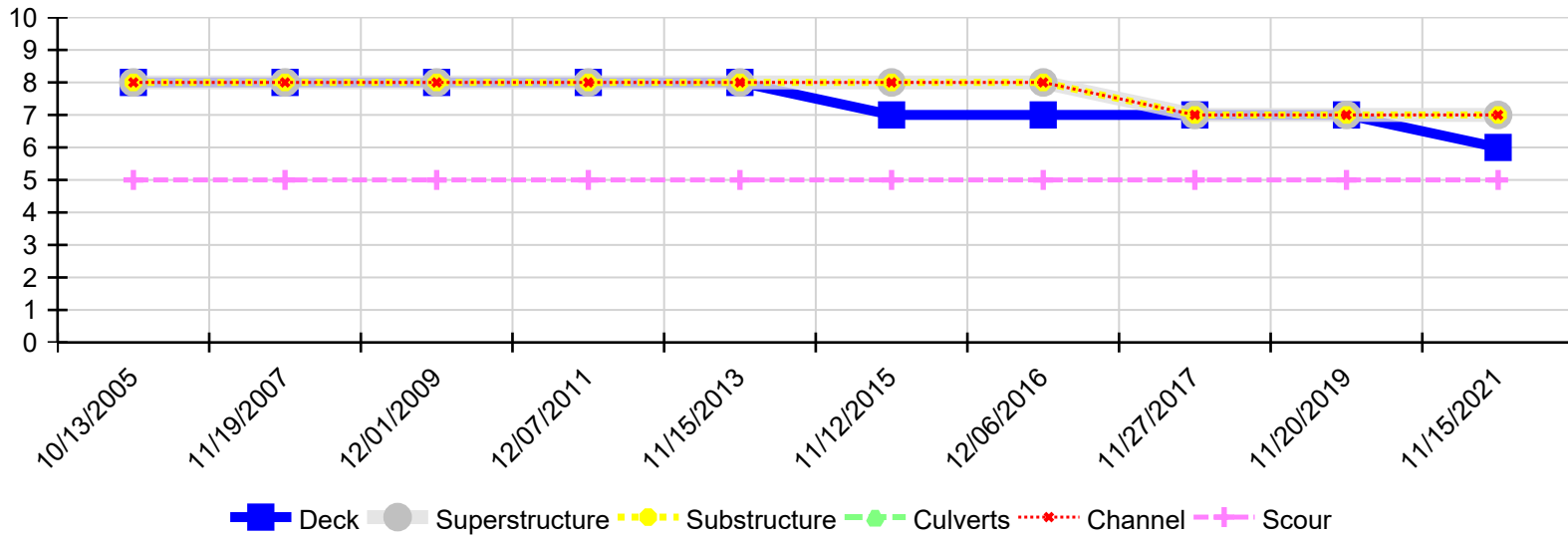
Asset #06839(Routine)

SH 69/Independ Co. over MUD CREEK

Location: 0.8 MI. E JCT. SH 122&69

Team Lead: Kerry Little, Inspection Date: 11/15/2021

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
11/15/2021	6	7	7	N	7	5
11/20/2019	7	7	7	N	7	5
11/27/2017	7	7	7	N	7	5
12/06/2016	7	8	8	N	8	5
11/12/2015	7	8	8	N	8	5
11/15/2013	8	8	8	N	8	5
12/07/2011	8	8	8	N	8	5
12/01/2009	8	8	8	N	8	5
11/19/2007	8	8	8	N	8	5
10/13/2005	8	8	8	N	8	5