



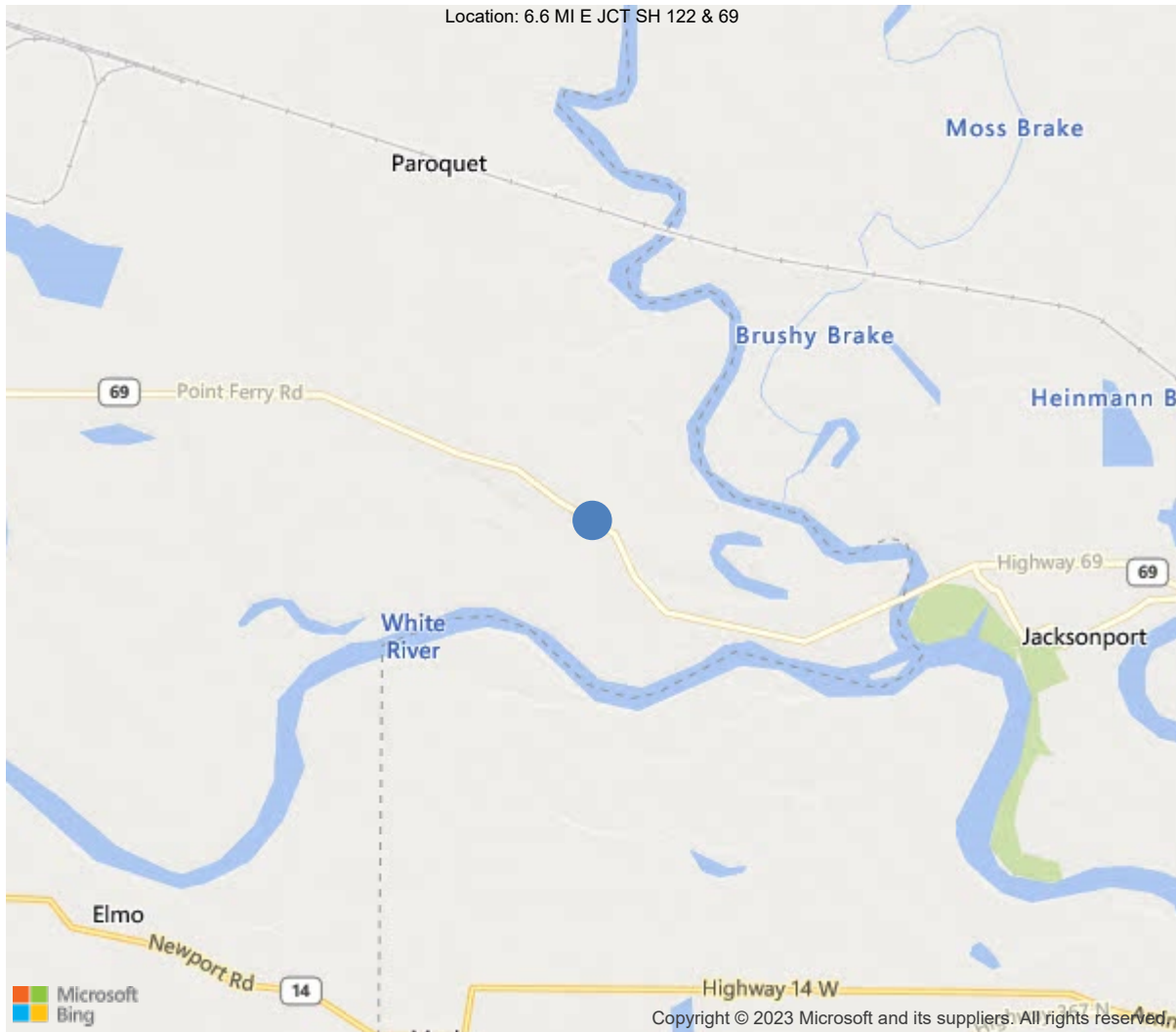
Latitude:35.64896, Longitude:-91.35022

Route:69 Section:04 Log:6.64

Arnold Road ID:32x69x4xA, Arnold Log mile:6.636

District 05, 63 - Independence County

Owner: 1 - State Highway Agency



35.64896, -91.35022





**Asset #06838**(Routine, Underwater type 2)  
**SH 69/Indepen Co. over CREEK / LONG SLOUGH**

**Location: 6.6 MI E JCT SH 122 & 69**

**Team Lead: Kerry Little, Inspection Date: 09/06/2022**

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	06838
(5) Inventory Route	1
(2) Highway Agency District	05 - District 05
(3) County Code	63 - Independence County
(4) Place Code	0
(6) Features Intersected	CREEK / LONG SLOUGH
(7) Facility Carried	SH 69/Indepen Co.
(9) Location	6.6 MI E JCT SH 122 & 69
(11) Mile Point	6.64 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000069040
(16) Latitude	35.64896
(17) Longitude	-91.35022
(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	2004
(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	3727
(30) Year of ADT	2018
(109) Truck ADT	18 %
(19) Bypass, Detour Length	7 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	65 ft
(49) Structure Length	117 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	99.9 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	7
(59) Superstructure	8
(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	56
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	34
(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	3036
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	09/06/2022		
(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 #06838(Routine, Underwater type 2)

District: 05, County: 63 - Independence County

Team Lead: Kerry Little, Inspection Date: 09/06/2022

---

**General Observation**

Elevation with Log Mile running to the Right.  
Const. Job R50064

---

**A-46 - Asset Files**

-

---

**A-51 - Inspection Direction (1 - N to S)**

Roadway with Log Mile running Northwest to Southeast.

---



Asset #06838(Routine, Underwater type 2)

SH 69/Indepen Co. over CREEK / LONG SLOUGH

Location: 6.6 MI E JCT SH 122 & 69

Team Lead: Kerry Little, Inspection Date: 09/06/2022

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	5054	2474	1040	1540	0
1120	Efflorescence/Rust Staining	SF	40	0	40	0	0
1130	Cracking (RC and Other)	SF	2540	0	1000	1540	0
(12) Several sealed & unsealed cracks @ all spans. Minor efflorescent cracking to Left & Right overhangs.							
107	Steel Open Girder/Beam	LF	875	875	0	0	0
515	Steel Protective Coating	SF	7315	7315	0	0	0
215	Reinforced Concrete Abutment	LF	126	113	13	0	0
1120	Efflorescence/Rust Staining	LF	4	0	4	0	0
1130	Cracking (RC and Other)	LF	9	0	9	0	0
(215) 3 vertical efflorescent cracks to Abutment 1. 1 vertical efflorescent crack to Abutment 2. Vertical cracking to Abutments.							
229	Other Pile	EA	12	11	1	0	0
6000	Scour	EA	1	0	1	0	0
(229) Minor scour to ahead side of columns @ Bent 1. Rust to bottom of encasements around columns.							
234	Reinforced Concrete Pier Cap	LF	86	86	0	0	0
301	Pourable Joint Seal	LF	86	6	0	80	0
2320	Seal Adhesion	LF	80	0	0	80	0
(301) Pourable joint seal is losing adhesion @ Abutments 1 & 2.							
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	1544	45	163	0
1080	Delamination/Spall/Patched Area	SF	3	0	0	3	0
1130	Cracking (RC and Other)	SF	205	0	45	160	0
(321) A few sealed & unsealed cracks to Approach Slabs. Approach Slabs have minor settlement.							
331	Reinforced Concrete Bridge Railing	LF	350	302	16	32	0
1130	Cracking (RC and Other)	LF	48	0	16	32	0





**Asset #06838**(Routine, Underwater type 2)  
**SH 69/Indepen Co. over CREEK / LONG SLOUGH**

**Location: 6.6 MI E JCT SH 122 & 69**

**Team Lead:** Kerry Little, **Inspection Date:** 09/06/2022

### Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4
107	Steel Open Girder/Beam	LF	875	875	0	0	0
515	Steel Protective Coating	SF	7315	7315	0	0	0



**Asset #06838**(Routine, Underwater type 2)  
**SH 69/Indepen Co. over CREEK / LONG SLOUGH**

**Location: 6.6 MI E JCT SH 122 & 69**

**Team Lead: Kerry Little, Inspection Date: 09/06/2022**

### Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
215	Reinforced Concrete Abutment	LF	126	113	13	0	0
1120	Efflorescence/Rust Staining	LF	4	0	4	0	0
1130	Cracking (RC and Other)	LF	9	0	9	0	0
(215) 3 vertical efflorescent cracks to Abutment 1. 1 vertical efflorescent crack to Abutment 2. Vertical cracking to Abutments.							
229	Other Pile	EA	12	11	1	0	0
6000	Scour	EA	1	0	1	0	0
(229) Minor scour to ahead side of columns @ Bent 1. Rust to bottom of encasements around columns.							
234	Reinforced Concrete Pier Cap	LF	86	86	0	0	0





**Asset #06838**(Routine, Underwater type 2)  
**SH 69/Indepen Co. over CREEK / LONG SLOUGH**

**Location: 6.6 MI E JCT SH 122 & 69**

**Team Lead:** Kerry Little, **Inspection Date:** 09/06/2022

### Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Elevation with Log Mile going right.



Roadway with log mile looking southeast.



Overall deck.



Overall deck below @ span 2.





Typical cracks to deck @ all spans.



Typical efflor cracks to Lt & Rt overhangs.



Efflor cracks to abutments 1 & 2.



**Asset #06838**(Routine, Underwater type 2)

**SH 69/Indepen Co. over CREEK / LONG SLOUGH**

**Location: 6.6 MI E JCT SH 122 & 69**

**Team Lead:** Kerry Little, **Inspection Date:** 09/06/2022

## **Maintenance Needs**



**Asset #06838**(Routine, Underwater type 2)  
**SH 69/Indepen Co. over CREEK / LONG SLOUGH**

**Location: 6.6 MI E JCT SH 122 & 69**

**Team Lead:** Kerry Little, **Inspection Date:** 09/06/2022

## **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	

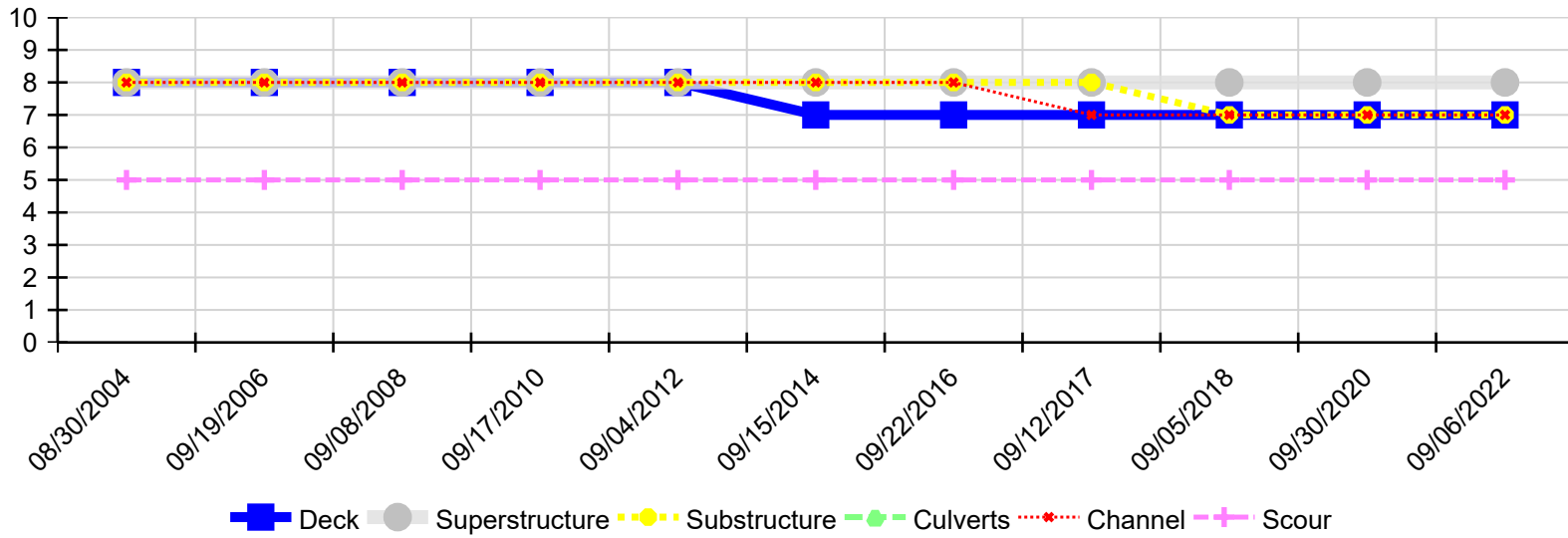


**Asset #06838**(Routine, Underwater type 2)  
**SH 69/Indepen Co. over CREEK / LONG SLOUGH**

**Location: 6.6 MI E JCT SH 122 & 69**

**Team Lead: Kerry Little, Inspection Date: 09/06/2022**

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
09/06/2022	7	8	7	N	7	5
09/30/2020	7	8	7	N	7	5
09/05/2018	7	8	7	N	7	5
09/12/2017	7	8	8	N	7	5
09/22/2016	7	8	8	N	8	5
09/15/2014	7	8	8	N	8	5
09/04/2012	8	8	8	N	8	5
09/17/2010	8	8	8	N	8	5
09/08/2008	8	8	8	N	8	5
09/19/2006	8	8	8	N	8	5
08/30/2004	8	8	8	N	8	5