



Latitude:36.46809, Longitude:-91.50153

Route:63 Section:01 Log:3.3

Arnold Road ID:25x63x1xA, Arnold Log mile:3.322

District 05, 49 - Fulton County

Owner: 1 - State Highway Agency

Bridge Posting Information

41 - Structure Open/Posted/Closed: A - Open, no restriction

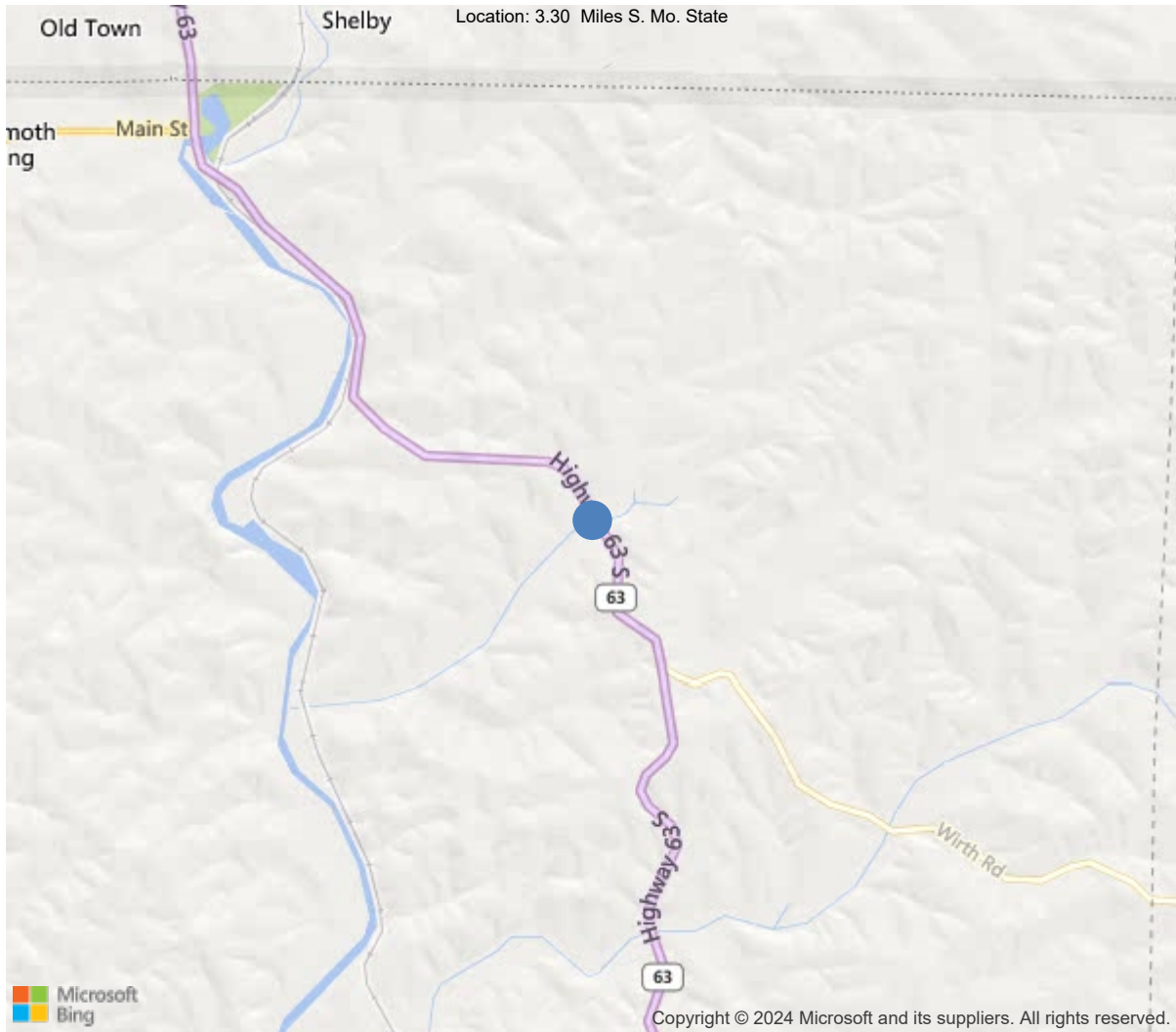
70 - Bridge Posting: 5 - Equal to or above legal loads

Legal Load	Calculated Capacity	Beginning of Bridge Sign Current Value	End of Bridge Sign Current Value
Code 4 (22 Tons)	40		
Code 9 (31 Tons)	50		
Code 5 (40 Tons)	60		

If calculated Capacity is less than the Legal Load Listed, the Bridge Legally Requires Posting Signs to be installed by the Bridge Owner



30"x36" AR



36.46809, -91.50153



Asset #06804(Routine, Underwater type 2)

US 63/Fulton Co. over Field Creek

Location: 3.30 Miles S. Mo. State

Team Lead: Kerry Little, Inspection Date: 09/27/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	06804
(5) Inventory Route	1
(2) Highway Agency District	05 - District 05
(3) County Code	49 - Fulton County
(4) Place Code	0
(6) Features Intersected	Field Creek
(7) Facility Carried	US 63/Fulton Co.
(9) Location	3.30 Miles S. Mo. State
(11) Mile Point	3.3 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000063010
(16) Latitude	36.46809
(17) Longitude	-91.501534
(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	2002
(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	4400
(30) Year of ADT	2018
(109) Truck ADT	26 %
(19) Bypass, Detour Length	16 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	48 ft
(49) Structure Length	132 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	30 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	1
(26) Functional Class	2 - Rural Principal Arterial -
(100) Defense Highway	2 - The inventory route is on
(101) Parallel Structure	N - No parallel structure exis
(102) Direction of Traffic	2 - way traffic
(103) Temporary Structure	
(105) Federal Lands Highways	0 - N/A
(110) Designated National Network	1 - The inventory route is par
(20) Toll	3 - On free road. The structu
(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	60
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
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	
(68) Deck Geometry	6
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(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	8 - 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	5400
(115) Year of Future ADT	2038

INSPECTIONS *			
(90) Inspection Date	09/27/2022		
(91) Frequency	24		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection	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.			



Asset #06804(Routine, Underwater type 2)

District: 05, County: 49 - Fulton County

Team Lead: Kerry Little, Inspection Date: 09/27/2022

General Observation

Elevation with Log Mile running to the Right.

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

Roadway with Log Mile running North to South.

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	5702	4472	530	700	0
1120	Efflorescence/Rust Staining	SF	30	0	30	0	0
1130	Cracking (RC and Other)	SF	1200	0	500	700	0
(12) Efflorescent cracking to Left & Right overhangs. Transverse & longitudinal cracking to deck @ all spans.							
107	Steel Open Girder/Beam	LF	780	780	0	0	0
515	Steel Protective Coating	SF	4750	4750	0	0	0
205	Reinforced Concrete Column	EA	6	6	0	0	0
215	Reinforced Concrete Abutment	LF	139	129	10	0	0
1120	Efflorescence/Rust Staining	LF	10	0	10	0	0
(215) Minor vertical efflorescent cracking to back walls @ Abutments 1 & 2.							
234	Reinforced Concrete Pier Cap	LF	95	95	0	0	0
302	Compression Joint Seal	LF	99	99	0	0	0
310	Elastomeric Bearing	EA	24	24	0	0	0
331	Reinforced Concrete Bridge Railing	LF	265	156	108	1	0
1080	Delamination/Spall/Patched Area	LF	1	0	0	1	0
1120	Efflorescence/Rust Staining	LF	32	0	32	0	0
1130	Cracking (RC and Other)	LF	76	0	76	0	0
(331) Right rail near Bent 1 has spall with no rebar exposed @ top of rail. Vertical cracking to parapet walls.							

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	5702	4472	530	700	0
1120	Efflorescence/Rust Staining	SF	30	0	30	0	0
1130	Cracking (RC and Other)	SF	1200	0	500	700	0
(12) Efflorescent cracking to Left & Right overhangs. Transverse & longitudinal cracking to deck @ all spans.							



Asset #06804(Routine, Underwater type 2)

US 63/Fulton Co. over Field Creek

Location: 3.30 Miles S. Mo. State

Team Lead: Kerry Little, Inspection Date: 09/27/2022

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4
107	Steel Open Girder/Beam	LF	780	780	0	0	0
515	Steel Protective Coating	SF	4750	4750	0	0	0



Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
205	Reinforced Concrete Column	EA	6	6	0	0	0
215	Reinforced Concrete Abutment	LF	139	129	10	0	0
1120	Efflorescence/Rust Staining	LF	10	0	10	0	0
(215) Minor vertical efflorescent cracking to back walls @ Abutments 1 & 2.							
234	Reinforced Concrete Pier Cap	LF	95	95	0	0	0



Elevation with log mile going right.



Roadway with log mile looking south.



Overall deck.



Overall soffit @ span 2.



Typical cracks to deck @ all spans.



Typical efflor cracks to @ abutment 1 & 2.

Maintenance Needs

Date Reported: 09/14/2016

Priority: D- Routine

Type of Work: (Inactive) (Inactive) 0 - N/A

Status: Monitor

Component:

Deficiency Description

Deck at all Spans
Several longitudinal and a few transverse unsealed cracks.

Remarks



Transverse @ longitudinal cracking to deck @ Span 2.



Longitudinal cracking to deck @ Span 1.



Deck at all Spans
Several longitudinal and a few transverse unsealed cracks.

Maintenance Needs

Date Reported: 09/14/2016

Priority: D- Routine

Type of Work: (Inactive) (Inactive) 0 - N/A

Status: Assigned

Component:

Deficiency Description

Channel

Vegetation growing around and under structure restricting flow and access.

Remarks



Vegetation on Right side of bridge.



Vegetation on Left side of bridge.



Channel

Vegetation growing around and under structure restricting flow and access.



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Location: 3.30 Miles S. Mo. State

Team Lead: Kerry Little, **Inspection Date:** 09/27/2022

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	

A-54 - Sealable Deck Cracks

A-55 - Deck Washing Needed

A-56 - Joint Cleaning/Flushing Needed



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A-57 - Beam End and Bearing Painting 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



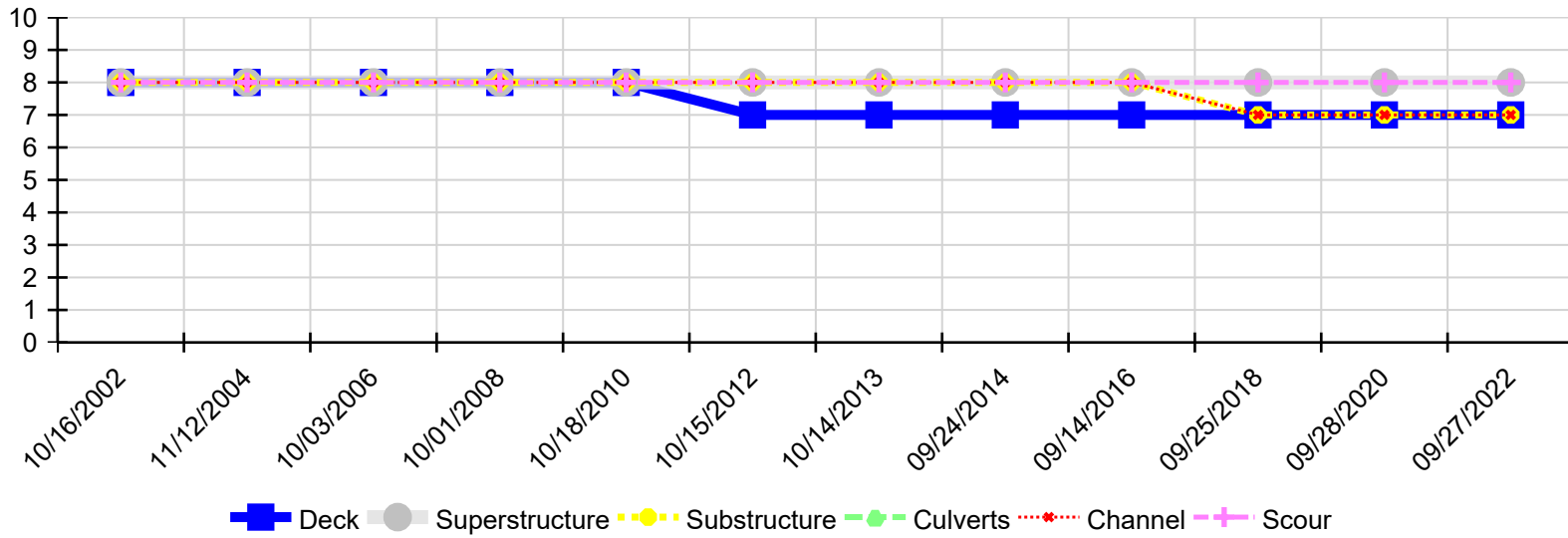
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Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
09/27/2022	7	8	7	N	7	8
09/28/2020	7	8	7	N	7	8
09/25/2018	7	8	7	N	7	8
09/14/2016	7	8	8	N	8	8
09/24/2014	7	8	8	N	8	8
10/14/2013	7	8	8	N	8	8
10/15/2012	7	8	8	N	8	8
10/18/2010	8	8	8	N	8	8
10/01/2008	8	8	8	N	8	8
10/03/2006	8	8	8	N	8	8
11/12/2004	8	8	8	N	8	8
10/16/2002	8	8	8	N	8	8