



Latitude:36.38448, Longitude:-91.48706

Route:63 Section:01 Log:10.26

Arnold Road ID:25x63x1xA, Arnold Log mile:10.201

District 05, 49 - Fulton County

Owner: 1 - State Highway Agency

### Bridge Posting Information

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

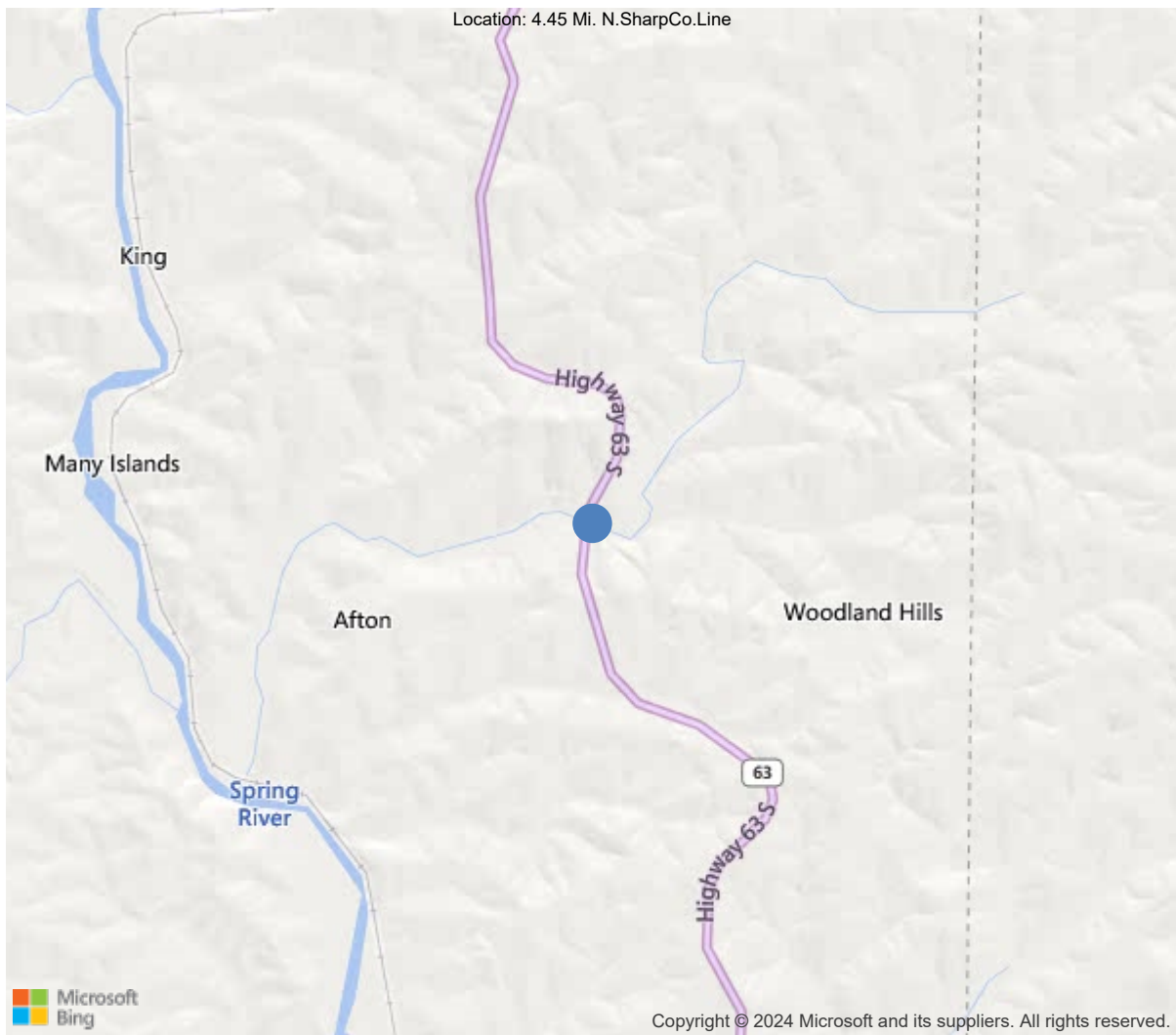
70 - Bridge Posting: 5 - Equal to or above legal loads

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



36.38448, -91.48706



Asset #07337 (Routine, Underwater type 2)

US 63 FULTON over Gut Creek

Location: 4.45 Mi. N.SharpCo.Line

Team Lead: Nathan Edwards, Inspection Date: 04/25/2023

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	07337
(5) Inventory Route	1
(2) Highway Agency District	05 - District 05
(3) County Code	49 - Fulton County
(4) Place Code	0
(6) Features Intersected	Gut Creek
(7) Facility Carried	US 63 FULTON
(9) Location	4.45 Mi. N.SharpCo.Line
(11) Mile Point	10.26 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000063010
(16) Latitude	36.38448
(17) Longitude	-91.48706
(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	6
(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	2017
(106) Year Reconstructed	
(42) Type of Service	15
On	1 - Highway
Under	5 - Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	3776
(30) Year of ADT	2018
(109) Truck ADT	27 %
(19) Bypass, Detour Length	16 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	85 ft
(49) Structure Length	512.3 ft
(50) Curb or Sidewalk Width	
Left	1.6 ft
Right	1.6 ft
(51) Bridge Roadway Width Curb to Curb	40 ft
(52) Deck Width Out to Out	43.1 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	1
(26) Functional Class	2 - Rural Principal Arterial -
(100) Defense Highway	2 - The inventory route is on
(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	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	9
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	A - HL93
(63) Operating Rating Method	3
(64) Operating Rating	
Type	3 - Load and Resistance Factor(LRFR)
Rating	48
(65) Inventory Rating Method	3 - Load and Resistance Factor
(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	5
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	9
(72) Approach Roadway Alignment	9
(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	\$
(95) Roadway Improvement Cost	\$
(96) Total Project Cost	\$
(97) Year of Improvement Cost Estimate	
(114) Future ADT	7500
(115) Year of Future ADT	2035

INSPECTIONS *			
(90) Inspection Date	04/25/2023		
(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 **#07337**(Routine, Underwater type 2)

**District:** 05, **County:** 49 - Fulton County

**Team Lead:** Nathan Edwards, **Inspection Date:** 04/25/2023

#### **General Observation**

Elevation with Log Mile running to the Left.  
Construction Job: 050274

---

#### **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	22111	18826	3285	0	0
1080	Delamination/Spall/Patched Area	SF	10	0	10	0	0
1120	Efflorescence/Rust Staining	SF	275	0	275	0	0
1130	Cracking (RC and Other)	SF	3000	0	3000	0	0
(12) Transverse & longitudinal cracking to deck @ all spans. Span 1 - 2' of patch in Left lane. Span 3 - 8' of patch in Left lane. Efflorescent cracking to Left & Right overhangs							
107	Steel Open Girder/Beam	LF	2250	2249	0	1	0
1020	Connection	LF	1	0	0	1	0
515	Steel Protective Coating	SF	23153	23153	0	0	0
(107) Span 3 - 2 bolts missing @ Rt. side of Girder 2, last diaph. @ end of span.							
205	Reinforced Concrete Column	EA	5	5	0	0	0
(205) Bent 5 - const. holes not filled with grout on back & ahd. sides.							
210	Reinforced Concrete Pier Wall	LF	70	70	0	0	0
215	Reinforced Concrete Abutment	LF	89	71	18	0	0
1120	Efflorescence/Rust Staining	LF	18	0	18	0	0
(215) Abut. 1 - 10 efflorescent cracks to Abutment. Abut. 2 - 8 efflorescent cracks to Abutment.							
234	Reinforced Concrete Pier Cap	LF	220	189	30	1	0
1080	Delamination/Spall/Patched Area	LF	1	0	0	1	0
1120	Efflorescence/Rust Staining	LF	15	0	15	0	0
1130	Cracking (RC and Other)	LF	15	0	15	0	0
(234) Minor cracks to caps @ all Bents. Bent 1 - 5' efflorescent cracks to cap, & 7 vertical cracks. Bent 2 - 2' efflorescent cracks to cap, & 6 vertical cracks. Bent 3 - 1 spall to top of cap backside beneath Girder 1. Bent 4 - 8' efflorescent cracks to cap, & 2 vertical cracks.							
301	Pourable Joint Seal	LF	138	138	0	0	0
310	Elastomeric Bearing	EA	40	40	0	0	0
515	Steel Protective Coating	SF	160	160	0	0	0
331	Reinforced Concrete Bridge Railing	LF	1025	779	246	0	0
1130	Cracking (RC and Other)	LF	246	0	246	0	0
(331) Vertical cracking to parapets.							

**Asset #07337**(Routine, Underwater type 2)

ELEMENTS		DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
107	Steel Open Girder/Beam	LF	2250	2249	0	1	0	
1020	Connection	LF	1	0	0	1	0	
515	Steel Protective Coating	SF	23153	23153	0	0	0	
(107) Span 3 - 2 bolts missing @ Rt. side of Girder 2, last diaph. @ end of span.								



**Asset #07337**(Routine, Underwater type 2)



Elevation with Log Mile running to the Left.



Roadway with Log Mile running North to South.



**Asset #07337**(Routine, Underwater type 2)

**US 63 FULTON over Gut Creek**

**Location: 4.45 Mi. N.SharpCo.Line**

**Team Lead: Nathan Edwards, Inspection Date: 04/25/2023**

## **Routine Maintenance**

Check Box Maintenance Items

Type of Maintenance	Is recommended?
A-54 - Sealable Deck Cracks	Yes
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	Yes
A-62 - Hydro and LMC Advised	
A-63 Missing/Incorrect Log Mile Signage	
A-64 - Vegetation Removal Requested	

**A-54 - Sealable Deck Cracks (Yes)**

**A-55 - Deck Washing Needed**

**A-56 - Joint Cleaning/Flushing Needed**



**Asset #07337**(Routine, Underwater type 2)

**US 63 FULTON over Gut Creek**

**Location: 4.45 Mi. N.SharpCo.Line**

**Team Lead: Nathan Edwards, Inspection Date: 04/25/2023**

**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 (Yes)**

**A-62 - Hydro and LMC Advised**

**A-63 - Missing/Incorrect Log Mile Signage**

**A-64 - Vegetation Removal Requested**



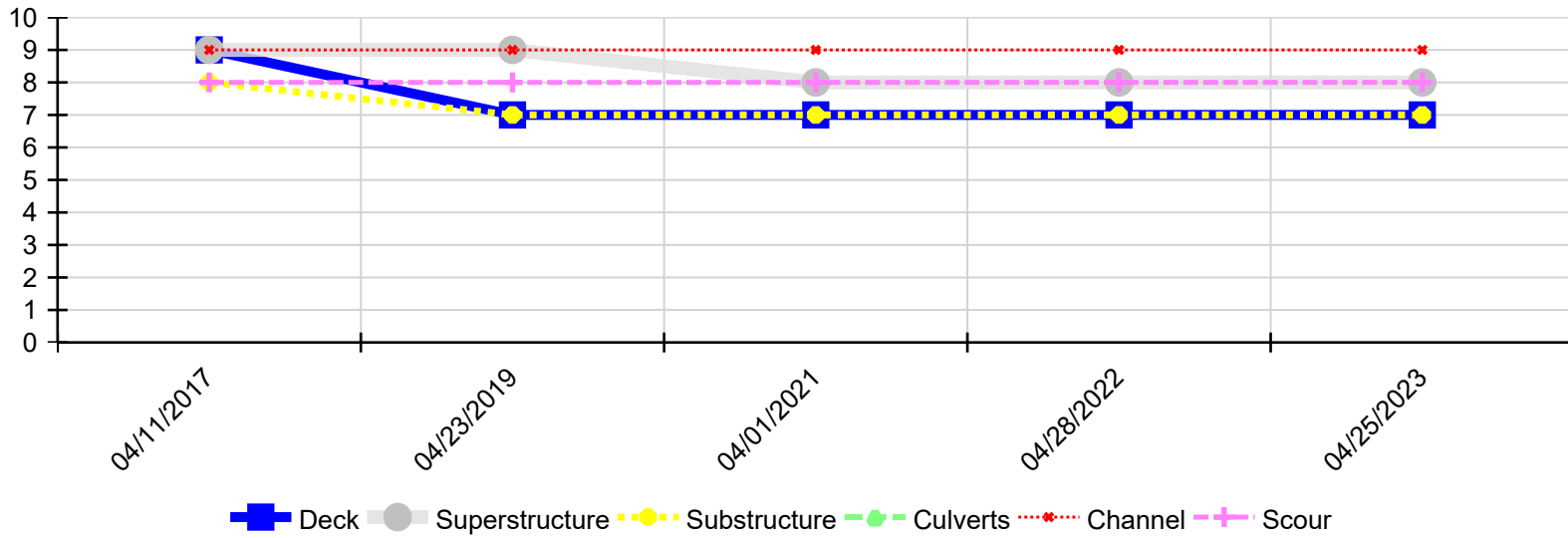
Asset #07337 (Routine, Underwater type 2)

US 63 FULTON over Gut Creek

Location: 4.45 Mi. N.SharpCo.Line

Team Lead: Nathan Edwards, Inspection Date: 04/25/2023

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
04/25/2023	7	8	7	N	9	8
04/28/2022	7	8	7	N	9	8
04/01/2021	7	8	7	N	9	8
04/23/2019	7	9	7	N	9	8
04/11/2017	9	9	8	N	9	8