



Latitude:34.43405, Longitude:-92.72417

Route:67 Section:08 Log:8.298

Arnold Road ID:30x67x8xA, Arnold Log mile:8.297

District 06, 59 - Hot Spring County

Owner: 1 - State Highway Agency

Inspection Direction: 2 - S to N

Bridge Posting Information

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

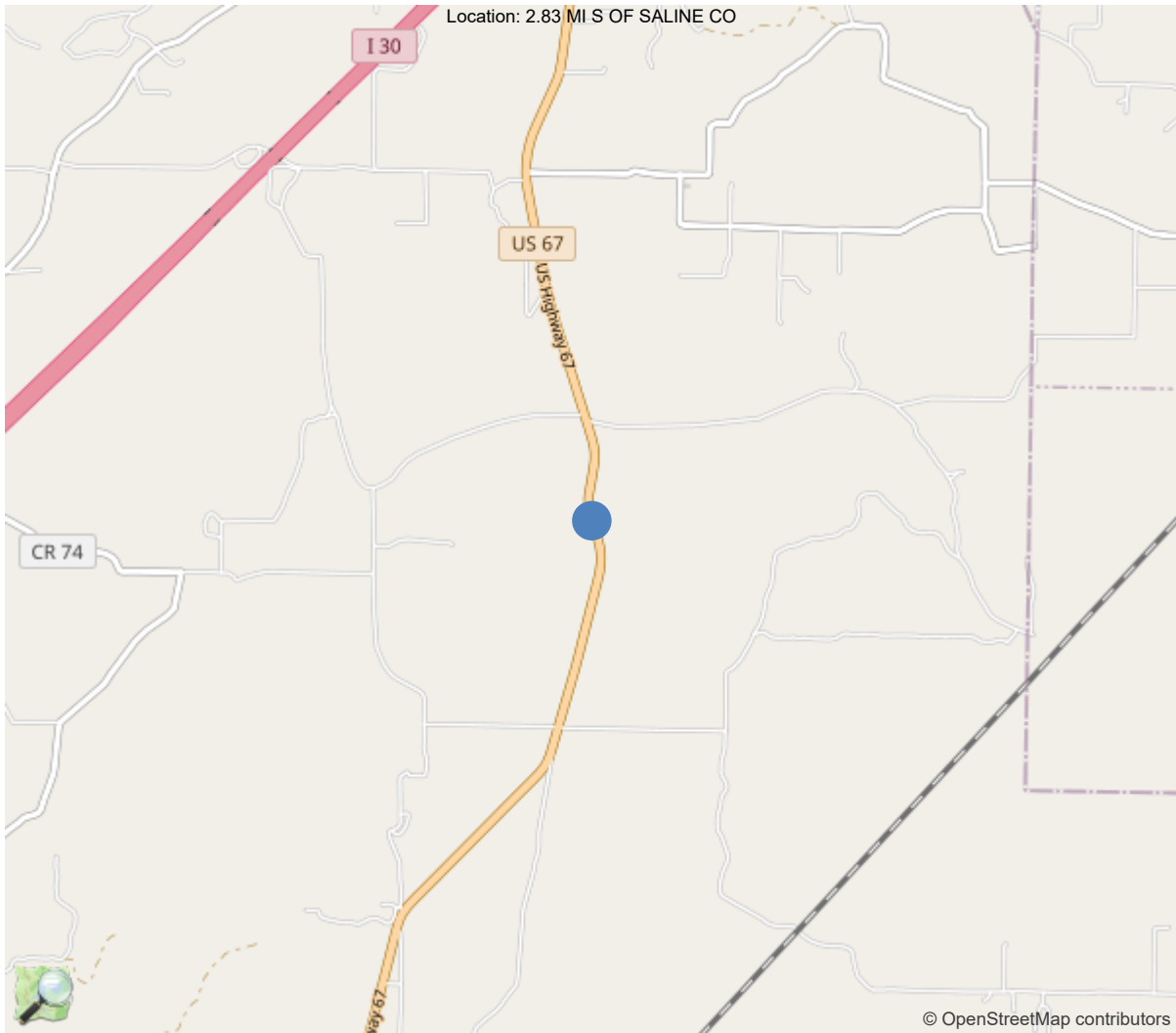
70 - Bridge Posting: 5 - Equal to or above legal loads

Legal Load	Calculated Capacity	Beginning of Bridge Sign Current Value	End of Bridge Sign Current Value
Code 4 (22 Tons)	37		
Code 9 (31 Tons)	42		
Code 5 (40 Tons)	49		

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



34.43405, -92.72417



Asset #01435(Routine)
US 67-8 Log 8.30 over CRI & P (Abandoned)

Location: 2.83 MI S OF SALINE CO

Team Lead: Chris Doggett Inspection Date: 06/10/2024

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	01435
(5) Inventory Route	1
(2) Highway Agency District	06 - District 06
(3) County Code	59 - Hot Spring County
(4) Place Code	0
(6) Features Intersected	CRI & P (Abandoned)
(7) Facility Carried	US 67-8 Log 8.30
(9) Location	2.83 MI S OF SALINE CO
(11) Mile Point	8.298 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	34.43405
(17) Longitude	-92.72417
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	14
Material	1 - Concrete
Type	4 - Tee beam
(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	1931
(106) Year Reconstructed	1957
(42) Type of Service	10
On	1 - Highway
Under	0 - Other
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	4000
(30) Year of ADT	2018
(109) Truck ADT	5 %
(19) Bypass, Detour Length	4 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	35 ft
(49) Structure Length	95 ft
(50) Curb or Sidewalk Width	
Left	1.4 ft
Right	1.4 ft
(51) Bridge Roadway Width Curb to Curb	24 ft
(52) Deck Width Out to Out	27 ft
(32) Approach Roadway Width (W/Shoulders)	26.9 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	26.9 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	N - Not applicable, no waterway
(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	7 - Rural Major Collector
(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	1 - The inventory route is part
(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	6
(60) Substructure	6
(61) Channel & Channel Protection	N
(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	55
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	33
(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	2
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	0 - Inspected feature does not meet
(36B) Transitions	0 - Inspected feature does not meet
(36C) Approach Guardrail	0 - Inspected feature does not meet
(36D) Approach Guardrail Ends	0 - Inspected feature does not meet
(113) Scour Critical Bridges	N - Bridge not over waterway.
PROPOSED IMPROVEMENTS	
(75) Type of Work	31 - Replacement of bridge or
(76) Length of Structure Improvement	122 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 125
(96) Total Project Cost	\$ 359
(97) Year of Improvement Cost Estimate	2002
(114) Future ADT	4269
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	06/10/2024		
(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.			



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US 67-8 Log 8.30 over CRI & P (Abandoned)

Location: 2.83 MI S OF SALINE CO

Team Lead: Chris Doggett Inspection Date: 06/10/2024

General Observation

AHTD Job #692, layout drawing #2869,

Logged Northbound.

58 - Deck (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Under surface has some diagonal and transverse cracking with some efflorescence staining and spalls with exposed rebar .

New asphalt wearing surface placed in 2018.

59 - Superstructure (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Small delamination's and small spalls with exposed stirrup steel on multiple girders

60 - Substructure (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Multiple columns have spalls with exposed rebar and 1 spall with exposed rebar to a cap.



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
16	Reinforced Concrete Top Flange	SF	2565	2431	79	55	0
1080	Delamination/Spall/Patched Area	SF	44	0	0	44	0
1090	Exposed Rebar	SF	27	0	16	11	0
1120	Efflorescence/Rust Staining	SF	63	0	63	0	0
510	Wearing Surfaces	SF	2280	2280	0	0	0
(16) New asphalt wearing surface added 2018. Span 1: Under surface with diagonal crack with some efflorescence staining. CS2-3' Span 3: transverse crack with efflorescence staining. CS3-8' Span 2: numerous spalls with exposed rebar.CS3-33' (510-16) The wearing surface has normal cracking at the joints.							
110	Reinforced Concrete Open Girder/Beam	LF	285	259	23	3	0
1080	Delamination/Spall/Patched Area	LF	13	0	13	0	0
1090	Exposed Rebar	LF	13	0	10	3	0
(110) Span 1 at bent 2, girder 3: spall with exposed rebar to the bottom of the girder. CS3-1' Span 1, bent 2, girder 2: the bottom of girder has a delam. CS3-2' Span 2, girder 3: multiple small spalls with exposed rebar to the outside of the girder. CS2-10'							
205	Reinforced Concrete Column	EA	12	8	1	3	0
1080	Delamination/Spall/Patched Area	EA	1	0	1	0	0
1090	Exposed Rebar	EA	3	0	0	3	0
(205) Bent 3, column 1: spall with exposed rebar. CS3-1ea Bent 2, column 1: couple small spalls with exposed rebar. CS3-1ea Bent 2, column 2: small spall with exposed rebar. CS3-1ea							
210	Reinforced Concrete Pier Wall	LF	30	30	0	0	0
(210) No defects were observed.							
215	Reinforced Concrete Abutment	LF	64	61	3	0	0
1130	Cracking (RC and Other)	LF	3	0	3	0	0
(215) Bent 4 has a few minor cracks.							
234	Reinforced Concrete Pier Cap	LF	43	42	1	0	0
1090	Exposed Rebar	LF	1	0	1	0	0
(234) Bent 3: cap back face has spall with exposed rebar on right side.							
311	Movable Bearing	EA	3	3	0	0	0
(311) 3 pairs of bronze expansion plates at expansion ends							
330	Metal Bridge Railing	LF	190	172	0	18	0

Location: 2.83 MI S OF SALINE CO

Team Lead: Chris Doggett **Inspection Date:** 06/10/2024

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
1000	Corrosion	LF	172	172	0	0	0
7000	Damage	LF	18	0	0	18	0
515	Steel Protective Coating	SF	380	380	0	0	0
(330) Span 1: left bridge rail and end post damaged due traffic impact. Span 3: right bridge rail and end post damaged due to traffic impact.							



Elevation



Elevation



Deck view



Under surface view



Inventory looking north



Span 3: transverse crack with efflorescence staining. CS3-8'



Span 2: numerous spalls with exposed rebar. CS3-33'



Span 1: Under surface with diagonal crack with some efflorescence staining. CS2-3'



Span 1 at bent 2, girder 3: spall with exposed rebar to the bottom of the girder. CS3-1'



Span 1, bent 2, girder 2: the bottom of girder has a delam. CS3-2'



Bent 3, column 1: spall with exposed rebar. CS3-1ea



Bent 2, column 1: couple small spalls with exposed rebar. CS3-1ea



Bent 2, column 2: small spall with exposed rebar. CS3-1ea



Spalls with exposed rebar in girder 3 right side span 2.

Maintenance Needs

Date Reported: 06/27/2018

Priority: C - Important

Type of Work: Repair (General)

Status: Open

Component: Element

Deficiency Description

Span 1 left side bridge rail and end post damaged due to traffic impact.

Remarks



South west guardrail has been damaged. 2024



South west guardrail has been damaged. 2024



Span 1 left side bridge rail and end post damaged due to traffic impact.



Bridge rail end post damaged left side.



Routine Maintenance

Check Box Maintenance Items

Type of Maintenance	Is recommended?
A-54 - Sealable Deck Cracks	No
A-55 - Deck Washing Needed	No
A-56 - Joint Cleaning/Flushing Needed	No
A-57 - Beam End and Bearing Paint Needed	No
A-58 - Cap Cleaning/Flushing Needed	No
A-59 - Joint Repair Needed	No
A-60 - Full Beam Painting Needed	No
A-61 - Polymer Overlay Advised	No
A-62 - Hydro and LMC Advised	No
A-63 - Missing/Incorrect Log Mile Signage	Yes
A-64 - Vegetation Removal Requested	No

A-54 - Sealable Deck Cracks (No)

A-55 - Deck Washing Needed (No)

A-56 - Joint Cleaning/Flushing Needed (No)



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A-57 - Girder End and Bearing Painting Needed (No)

A-58 - Cap Cleaning/Flushing Needed (No)

A-59 - Joint Repair Needed (No)

A-60 - Full Girder Painting Needed (No)

A-61 - Polymer Overlay Advised (No)

A-62 - Hydro and LMC Advised (No)

A-63 - Missing/Incorrect Log Mile Signage (Yes)

A-64 - Vegetation Removal Requested (No)

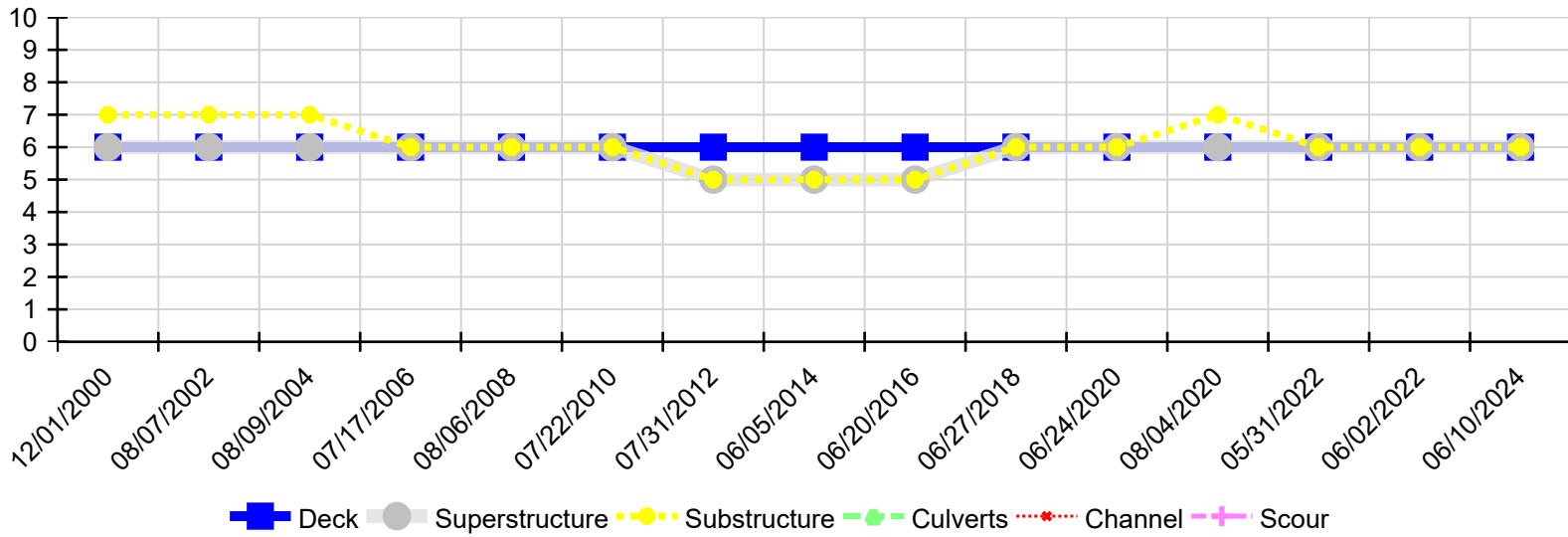


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Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
06/10/2024	6	6	6	N	N	N
06/02/2022	6	6	6	N	N	N
05/31/2022	6	6	6	N	N	N
08/04/2020	6	6	7	N	N	N
06/24/2020	6	6	6	N	N	N
06/27/2018	6	6	6	N	N	N
06/20/2016	6	5	5	N	N	N
06/05/2014	6	5	5	N	N	N
07/31/2012	6	5	5	N	N	N
07/22/2010	6	6	6	N	N	N
08/06/2008	6	6	6	N	N	N
07/17/2006	6	6	6	N	N	N
08/09/2004	6	6	7	N	N	N
08/07/2002	6	6	7	N	N	N
12/01/2000	6	6	7	N	N	N