



Latitude:35.81283, Longitude:-92.17806

Route:9 Section:11 Log:11.607

Arnold Road ID:69x9x11xA, Arnold Log mile:11.602

District 05, Stone County

Owner: 1-State Highway Agency



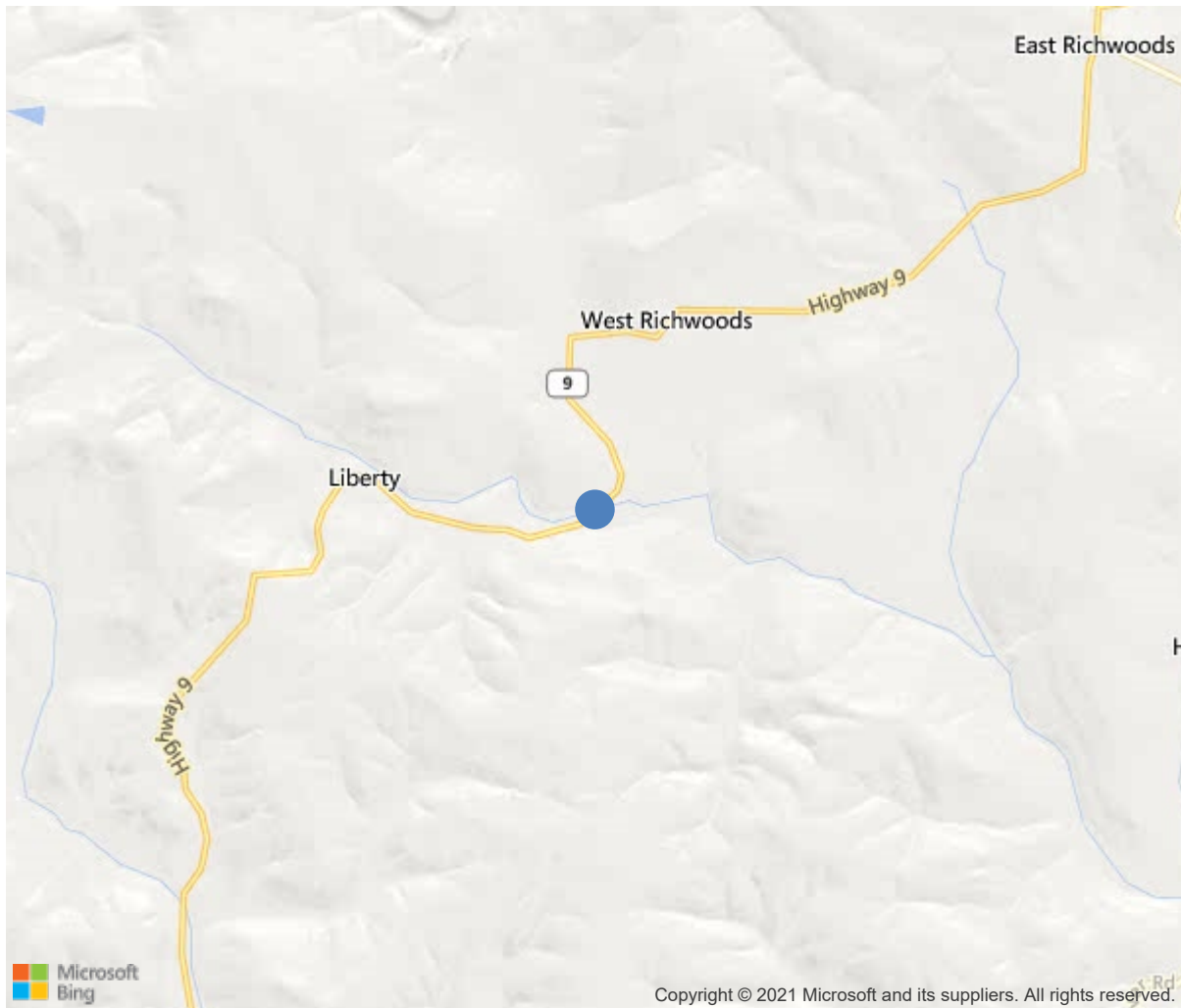
Bridge #03857(Routine, Underwater type 2)

SH 9/Stone County over TOMAHAWK CREEK

Location: 6.6 MI SW SH 66

Team Lead: Nathan Edwards **Inspection Date:** December 14, 2020

6.6 MI SW SH 66



35.81283, -92.17806



Bridge #03857(Routine, Underwater type 2)

SH 9/Stone County over TOMAHAWK CREEK

Location: 6.6 MI SW SH 66

Team Lead: Nathan Edwards Inspection Date: December 14, 2020

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	03857
(5) Inventory Route	9
(2) Highway Agency District	05
(3) County Code	137-Stone County, Arkansas
(4) Place Code	0
(6) Features Intersected	TOMAHAWK CREEK
(7) Facility Carried	SH 9/Stone County
(9) Location	6.6 MI SW SH 66
(11) Mile Point	11.607 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	35.81283
(17) Longitude	-92.17806
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	11
Material	1-Concrete
Type	1-Slab
(44) Approach Structure Type	00
Material	0-Other
Type	0-Other
(45) No. of Spans in Main Unit	4
(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 placed
Type of Membrane	0-None
Type of Deck Protection	0-None
AGE AND SERVICE	
(27) Year Built	1966
(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	1100
(30) Year of ADT	2014
(109) Truck ADT	1 %
(19) Bypass, Detour Length	9 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	30 ft
(49) Structure Length	120 ft
(50) Curb or Sidewalk Width	
Left	1 ft
Right	1 ft
(51) Bridge Roadway Width Curb to Curb	24 ft
(52) Deck Width Out to Out	28.5 ft
(32) Approach Roadway Width (W/Shoulders)	27.9 ft
(33) Bridge Median	0-No median
(34) Skew	55 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	24.3 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 water
(111) Pier Protection	1-Navigation protection not requ
(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 a S
(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 part of
(20) Toll	3-On free road. The structure is toll-
(21) Maintain	1-State Highway Agency
(22) Owner	1-State Highway Agency
(37) Historical Significance	5-Bridge is not eligible for the NRHP
CONDITION	
(58) Deck	6
(59) Superstructure	6
(60) Substructure	6
(61) Channel & Channel Protection	7
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	2-M 13.5 / H 15
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1-Load Factor(LF)
Rating	43
(65) Inventory Rating Method	1-Load Factor(LF)
(66) Inventory Rating	
Type	4
Rating	26
(70) Bridge Posting	5-Equal to or above legal loads
(41) Structure Open/Posted/Closed	A-Open, no restriction
APPRAISAL	
(67) Structural Evaluation	6
(68) Deck Geometry	4
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	7
(36A) Bridge Railings	0-Inspected feature does not meet cur
(36B) Transitions	0-Inspected feature does not meet cur
(36C) Approach Guardrail	0-Inspected feature does not meet cur
(36D) Approach Guardrail Ends	0-Inspected feature does not meet cur
(113) Scour Critical Bridges	8-Bridge foundations determined to be
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	0 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 0
(96) Total Project Cost	\$ 0
(97) Year of Improvement Cost Estimate	
(114) Future ADT	1458
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date			12/2020
(91) Frequency			24 Months
(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.			

[illegible]



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Location: 6.6 MI SW SH 66

Team Lead: Nathan Edwards, **Inspection Date:** December 14, 2020

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
330	Metal Bridge Railing	LF	240	240	0	0	0
515	Steel Protective Coating	SF	720	720	0	0	0



Roadway with Log Mile running Southwest to Northeast.

Maintenance Needs

Date Reported: 11/30/2010

Priority: D- Routine

Type of Work: N/A

Status: Monitor

Component:

Deficiency Description

Portions of pourable joint seal is missing with remaining areas losing adhesion.

Remarks



Pourable joint @ Bent 2 has portions missing.



Pourable joint seal is losing adhesion @ Bent 2.
(typical)



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Team Lead: Nathan Edwards Inspection Date: December 14, 2020

Date Reported: 11/30/2010

Priority: D- Routine

Type of Work: N/A

Status: Monitor

Component:

Deficiency Description

Deck
Minor spalls and scaling to deck at all spans.

Remarks



Deck photo against Log Mile.



Asphalt patched area to deck @ Span 1.



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Location: 6.6 MI SW SH 66

Team Lead: Nathan Edwards **Inspection Date:** December 14, 2020

Inspection Comments

Elevation with Log Mile running to the Left.