



Latitude:34.71773, Longitude:-92.52120

Route:26 Section:00 Log:7.998

Arnold Road ID:60xLAWSONRDx1xA, Arnold Log mile:6.85

District 06, 119 - Pulaski County

Owner: 2 - County Highway Agency



34.71773, -92.52120



Asset #04761 (Routine, Underwater type 2)
CR 26 (LAWSON RD) over FOURCHE CREEK

Location: 1.0 M E SALINE CO.LINE

Team Lead: Bryan Saunders, Inspection Date: 04/12/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	04761
(5) Inventory Route	1
(2) Highway Agency District	06 - District 06
(3) County Code	119 - Pulaski County
(4) Place Code	0
(6) Features Intersected	FOURCHE CREEK
(7) Facility Carried	CR 26 (LAWSON RD)
(9) Location	1.0 M E SALINE CO.LINE
(11) Mile Point	7.998 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	34.71773
(17) Longitude	-92.5212
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	32
Material	3 - Steel
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	0 - None (no additional concrete thickne
Type of Membrane	0 - None
Type of Deck Protection	1 - Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	1996
(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	2300
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	10 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	40 ft
(49) Structure Length	123 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	36.1 ft
(52) Deck Width Out to Out	39 ft
(32) Approach Roadway Width (W/Shoulders)	24 ft
(33) Bridge Median	0 - No median
(34) Skew	35 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	36.1 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 exis
(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 structu
(21) Maintain	2 - County Highway Agency
(22) Owner	2 - County Highway Agency
(37) Historical Significance	4 - Historical significance is
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	7
(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	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	5 - Bridge foundations determined t
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	1785
(115) Year of Future ADT	2015

INSPECTIONS *			
(90) Inspection Date	04/12/2022		
(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 #04761 (Routine, Underwater type 2)

District: 06, County: 119 - Pulaski County

Team Lead: Bryan Saunders, Inspection Date: 04/12/2022

General Observation

See AHTD drawing # 36393 for layout. Logged west bound

58 - Deck (7 - GOOD CONDITION - some minor problems.)

deck has unsealed map cracks

59 - Superstructure (8 - VERY GOOD CONDITION - no problems noted.)

Protective coating on all beams granular texture

60 - Substructure (7 - GOOD CONDITION - some minor problems.)

Bt. 1, vertical cracks with efflorescence in the backwall, both abutments have cracks along the top of the backwall.

Bt. 2, cap ahead side has small rebar.

Bt. 3 cap, right end has horizontal cracking.

Bt. 4 vertical cracking with efflorescence

Columns have abrasion at water level

A-46 - Asset Files

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Location: 1.0 M E SALINE CO.LINE

Team Lead: Bryan Saunders, Inspection Date: 04/12/2022

Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4

58 - Deck (7 - GOOD CONDITION - some minor problems.)

Comment: deck has unsealed map cracks



Team Lead: Bryan Saunders, Inspection Date: 04/12/2022

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4

59 - Superstructure (8 - VERY GOOD CONDITION - no problems noted.)

Comment: Protective coating on all beams granular texture



Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4

60 - Substructure (7 - GOOD CONDITION - some minor problems.)

Comment: Bt. 1, vertical cracks with efflorescence in the backwall, both abutments have cracks along the top of the backwall.

Bt. 2, cap ahead side has small rebar.

Bt. 3 cap, right end has horizontal cracking.

Bt. 4 vertical cracking with efflorescence

Columns have abrasion at water level



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Location: 1.0 M E SALINE CO.LINE

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Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Elevation



Approach



Bent 1 has cracking in backwall



Bent 4 has cracking in backwall



Joints are torn and leaking



Deck has map cracking



Deck overview



Underview



Bent 1 cracks with efflorescence.



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Location: 1.0 M E SALINE CO.LINE

Team Lead: Bryan Saunders, **Inspection Date:** 04/12/2022

Maintenance Needs

Date Reported: 04/21/2020

Priority: D- Routine

Type of Work: Repair (General)

Status: Monitor

Component:

Deficiency Description

East bound approach , roadway has potholes in the asphalt.

Remarks



Pothole at bent 4 in the eastbound lane



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Team Lead: Bryan Saunders, **Inspection Date:** 04/12/2022

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	

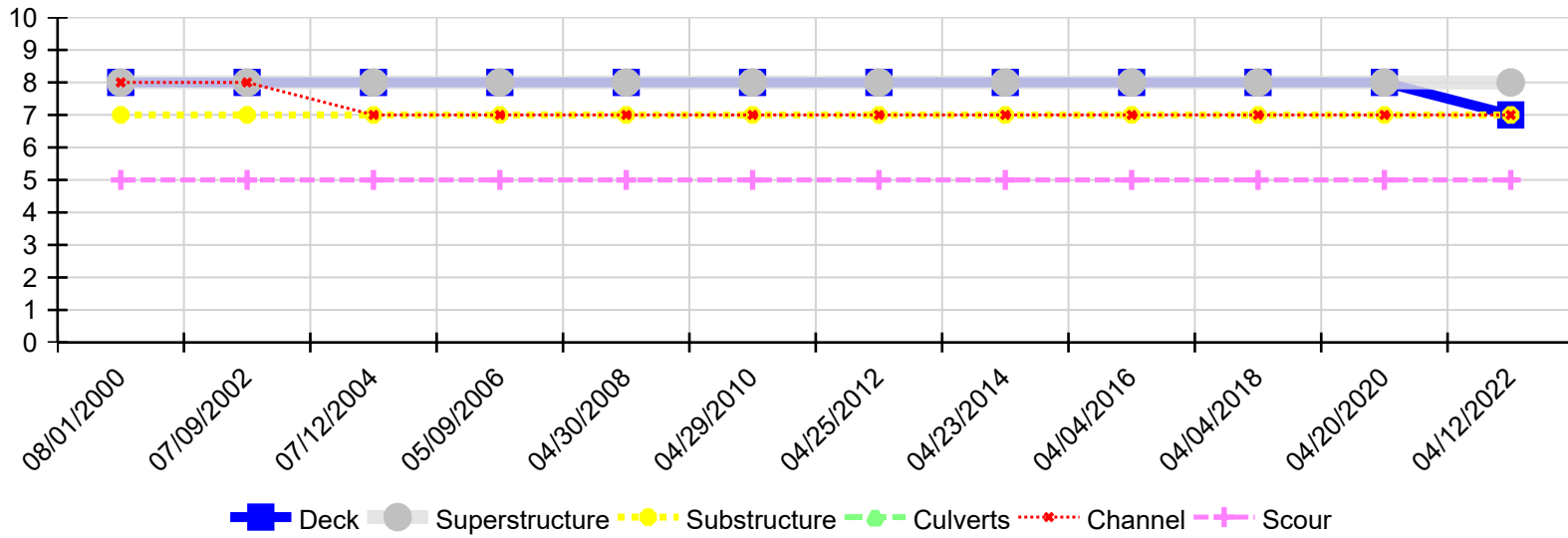


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Team Lead: Bryan Saunders, **Inspection Date:** 04/12/2022

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
04/12/2022	7	8	7	N	7	5
04/20/2020	8	8	7	N	7	5
04/04/2018	8	8	7	N	7	5
04/04/2016	8	8	7	N	7	5
04/23/2014	8	8	7	N	7	5
04/25/2012	8	8	7	N	7	5
04/29/2010	8	8	7	N	7	5
04/30/2008	8	8	7	N	7	5
05/09/2006	8	8	7	N	7	5
07/12/2004	8	8	7	N	7	5
07/09/2002	8	8	7	N	8	5
08/01/2000	8	8	7	N	8	5