



Latitude:34.55702, Longitude:-92.56628

Route:183 Section:01 Log:0.028

Arnold Road ID:62x183x1xA, Arnold Log mile:0.035

District 06, 125 - Saline 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

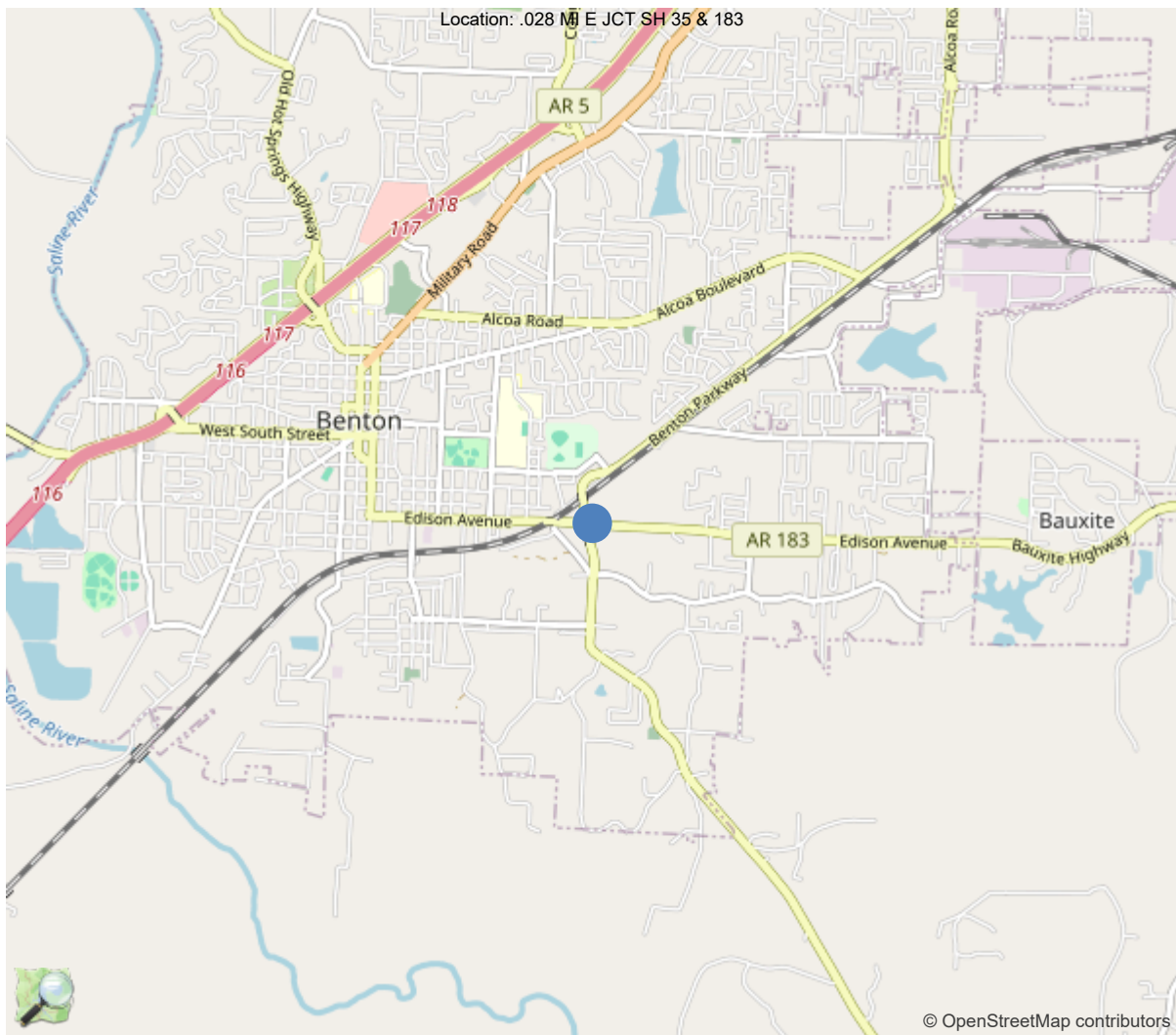
Legal Load	Calculated Capacity	Beginning of Bridge Sign Current Value	End of Bridge Sign Current Value
Code 4 (22 Tons)	40		
Code 9 (31 Tons)	50		
Code 5 (40 Tons)	60		

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





34.55702, -92.56628



Asset #07088(Routine, Underwater type 2)

HWY 183 over Depot Creek

Location: .028 MI E JCT SH 35 &amp; 183

Team Lead: Keith Harris Inspection Date: 04/03/2024

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	07088
(5) Inventory Route	1
(2) Highway Agency District	06 - District 06
(3) County Code	125 - Saline County
(4) Place Code	5290
(6) Features Intersected	Depot Creek
(7) Facility Carried	HWY 183
(9) Location	.028 MI E JCT SH 35 & 183
(11) Mile Point	0.028 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	34.55702
(17) Longitude	-92.56628
(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	5 - Epoxy Overlay
Type of Membrane	0 - None
Type of Deck Protection	1 - Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	2008
(106) Year Reconstructed	0
(42) Type of Service	55
On	5 - Highway-pedestrian
Under	5 - Waterway
(28) Lane	
On	3
Under	0
(29) Average Daily Traffic	8000
(30) Year of ADT	2018
(109) Truck ADT	10 %
(19) Bypass, Detour Length	15 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	48 ft
(49) Structure Length	124 ft
(50) Curb or Sidewalk Width	
Left	6 ft
Right	6 ft
(51) Bridge Roadway Width Curb to Curb	47.9 ft
(52) Deck Width Out to Out	50 ft
(32) Approach Roadway Width (W/Shoulders)	49.9 ft
(33) Bridge Median	0 - No median
(34) Skew	10 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	47.9 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	0 ft
Ref:	
(55) Min Lat Underclear RT	0 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	16 - Urban Minor Arterial
(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 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	8
(59) Superstructure	8
(60) Substructure	8
(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	9
(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	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	10860
(115) Year of Future ADT	2026

INSPECTIONS *			
(90) Inspection Date	04/03/2024		
(91) Frequency	48		
(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 #07088**(Routine, Underwater type 2)

**HWY 183 over Depot Creek**

**Location: .028 MI E JCT SH 35 & 183**

**Team Lead: Keith Harris Inspection Date: 04/03/2024**

### **General Observation**

Plans Job # 061039 Layout sheet # 48981

Logged north bound.

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#### **58 - Deck** (8 - VERY GOOD CONDITION - no problems noted.)

Overall the deck is in good condition. Small cracks with efflorescence in overhang. New polymer wearing surface in 2023.

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

Overall the superstructure is in very good condition. No apparent defects.

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#### **60 - Substructure** (8 - VERY GOOD CONDITION - no problems noted.)

Overall the substructure is in very good condition. No apparent defects.

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#### **A-56 - Joint Cleaning/Flushing Needed** (Y)

Joints are particularly filled with debris

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Elevation



Inventory looking north



Under surface



Deck overview





Downstream channel



Upstream channel



Bent 4 Joint seal is particularly filled with debris



Span 1 right bridge rail. Typical cracks up to 0.020". CS2



**Maintenance Needs**

**Date Reported:** 04/02/2018

**Priority:** C - Important

**Type of Work:** Repair (General)

**Status:** Repair Documented

**Component:** Deck

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**Deficiency Description**

Deck has sealable longitude cracks in all spans.

**Remarks**

New polymer overlay in 2023

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New polymer overlay in 2023



Span 1 longitude cracks.



Span 3 longitude cracks.



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**HWY 183 over Depot Creek**

**Location: .028 MI E JCT SH 35 & 183**

**Team Lead: Keith Harris Inspection Date: 04/03/2024**

## **Routine Maintenance**

Check Box Maintenance Items

<b>Type of Maintenance</b>	<b>Is recommended?</b>
A-54 - Sealable Deck Cracks	No
A-55 - Deck Washing Needed	No
A-56 - Joint Cleaning/Flushing Needed	Yes
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	No
A-64 - Vegetation Removal Requested	No

**A-54 - Sealable Deck Cracks (No)**

**A-55 - Deck Washing Needed (No)**



**A-56 - Joint Cleaning/Flushing Needed (Yes)**

Joints are particularly filled with debris



Bent 4 Joint seal is particularly filled with debris

**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)**



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**HWY 183 over Depot Creek**

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**Team Lead: Keith Harris Inspection Date: 04/03/2024**

**A-63 - Missing/Incorrect Log Mile Signage (No)**

**A-64 - Vegetation Removal Requested (No)**





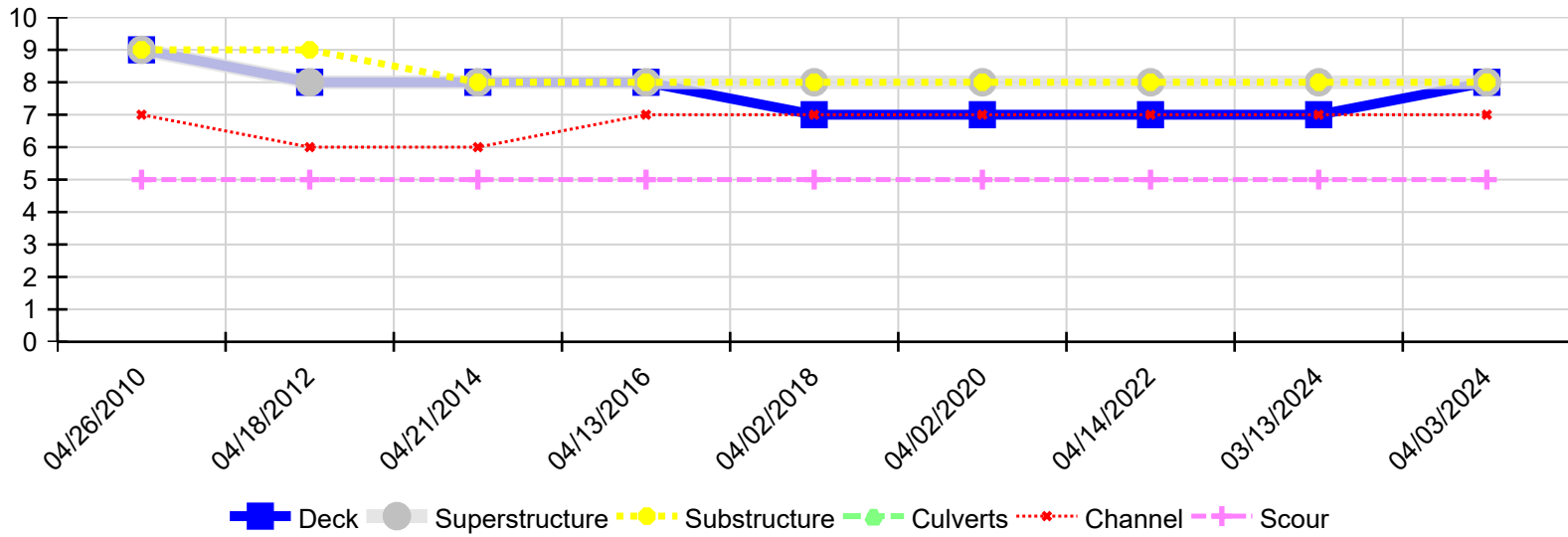
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HWY 183 over Depot Creek

Location: .028 MI E JCT SH 35 & 183

Team Lead: Keith Harris Inspection Date: 04/03/2024

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
04/03/2024	8	8	8	N	7	5
03/13/2024	7	8	8	N	7	5
04/14/2022	7	8	8	N	7	5
04/02/2020	7	8	8	N	7	5
04/02/2018	7	8	8	N	7	5
04/13/2016	8	8	8	N	7	5
04/21/2014	8	8	8	N	6	5
04/18/2012	8	8	9	N	6	5
04/26/2010	9	9	9	N	7	5