



Latitude:34.55797, Longitude:-92.51698

Route:183 Section:01 Log:2.93

Arnold Road ID:62x183x1xA, Arnold Log mile:2.929

District 06, 125 - Saline County

Owner: 1 - State Highway Agency

Inspection Direction: 2 - S to N

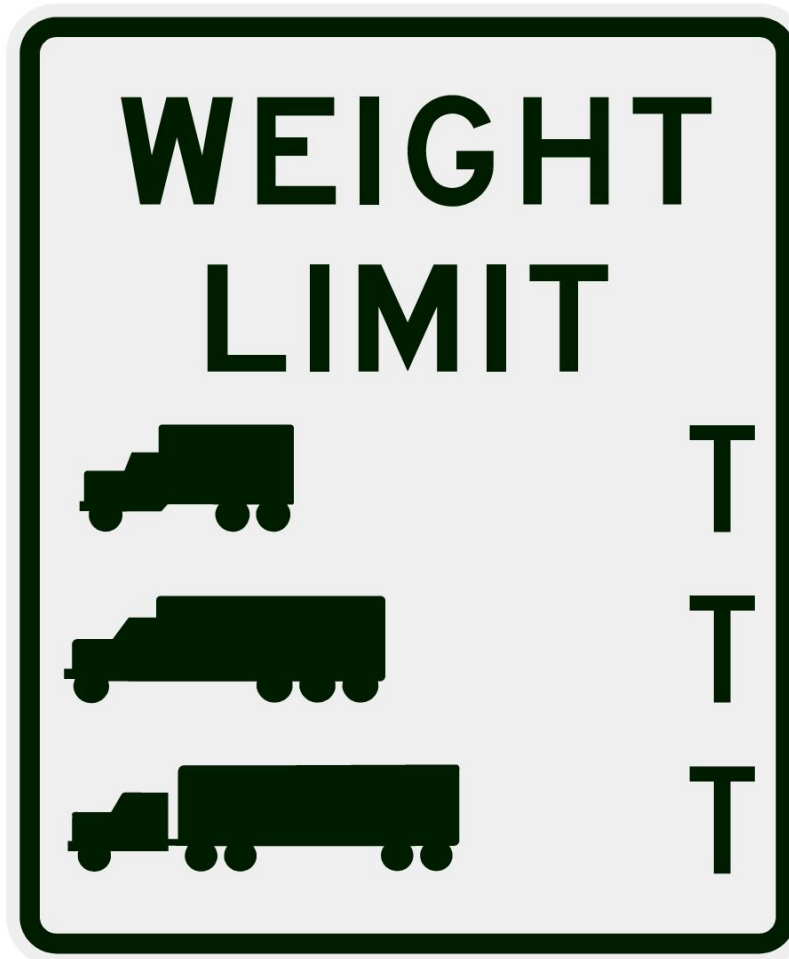
Bridge Posting Information

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

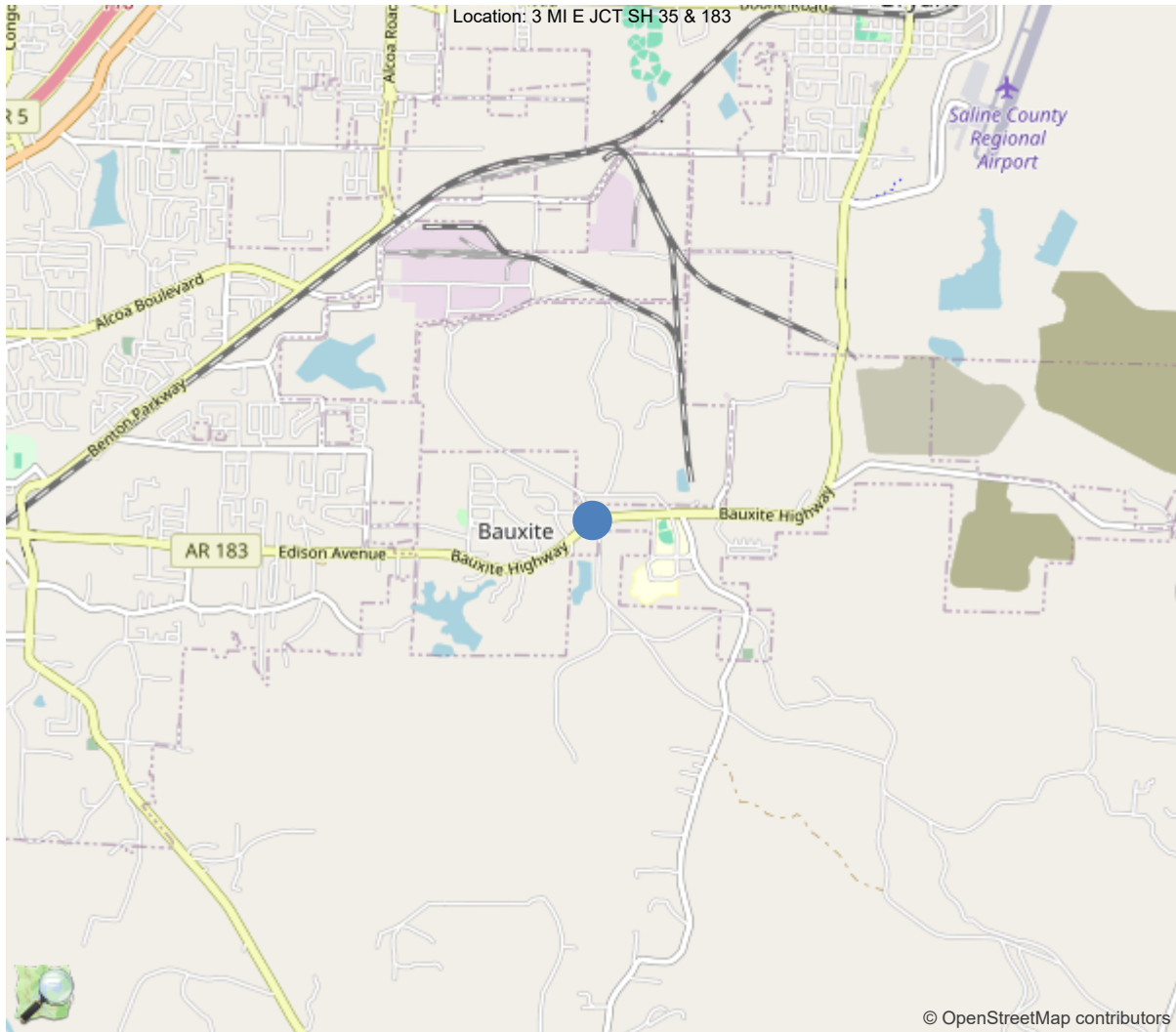
70 - Bridge Posting: 5 - Equal to or above legal loads

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



34.55797, -92.51698



Asset #M2246(Routine)

SH 183 Log 2.93 over ALCOA PLANT PVT. RD.

Location: 3 MI E JCT SH 35 & 183

Team Lead: Keith Harris Inspection Date: 01/04/2024

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	M2246
(5) Inventory Route	1
(2) Highway Agency District	06 - District 06
(3) County Code	125 - Saline County
(4) Place Code	0
(6) Features Intersected	ALCOA PLANT PVT. RD.
(7) Facility Carried	SH 183 Log 2.93
(9) Location	3 MI E JCT SH 35 & 183
(11) Mile Point	2.93 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	34.55797
(17) Longitude	-92.51698
(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	1
(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	0 - None
AGE AND SERVICE	
(27) Year Built	1967
(106) Year Reconstructed	0
(42) Type of Service	11
On	1 - Highway
Under	1 - Highway, with or without pedestrian
(28) Lane	
On	2
Under	2
(29) Average Daily Traffic	6900
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	5 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	35 ft
(49) Structure Length	35 ft
(50) Curb or Sidewalk Width	
Left	1.3 ft
Right	1.3 ft
(51) Bridge Roadway Width Curb to Curb	27.9 ft
(52) Deck Width Out to Out	33.6 ft
(32) Approach Roadway Width (W/Shoulders)	32.2 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	27.9 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	18.92 ft
Ref:	
(55) Min Lat Underclear RT	4.5 ft
Ref:	
(56) Min Lat Underclear LT	4.5 ft
NAVIGATION DATA	
(38) Navigation Control	N - Not applicable, no waterwa
(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 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	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	7
(61) Channel & Channel Protection	N
(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	2
(69) Clearances, Vertical/Horizontal	4
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	7
(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	61 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 127
(96) Total Project Cost	\$ 265
(97) Year of Improvement Cost Estimate	2002
(114) Future ADT	7560
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	01/04/2024		
(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.			



Asset #M2246(Routine)

SH 183 Log 2.93 over ALCOA PLANT PVT. RD.

Location: 3 MI E JCT SH 35 & 183

Team Lead: Keith Harris Inspection Date: 01/04/2024

General Observation

Plans by Garver Engineers on file with Inventory and Rating Section Logged north bound

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

Overall, the deck is in satisfactory condition.

Deck has exposed reinforcing steel on right side at beginning of bridge and scattered cracks throughout structure.

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

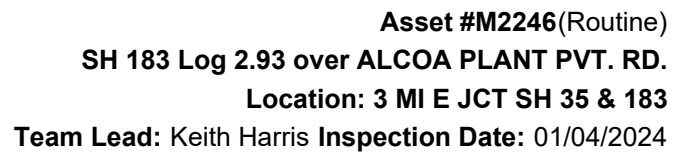
Overall, the superstructure is in satisfactory condition.

Under side of slab has 3 small spalls on left side.

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

Overall, the substructure is in good condition.

Small spalls and cracks in both abutments.



ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
38	RC Slab	SF	1176	987	189	0	0
1080	Delamination/Spall/Patched Area	SF	3	0	3	0	0
1090	Exposed Rebar	SF	11	0	11	0	0
1130	Cracking (RC and Other)	SF	175	0	175	0	0
(38) Deck has exposed reinforcing steel on right side at beginning of bridge and scattered cracks throughout structure. Soffit of slab has 3 small spalls on left side.							
215	Reinforced Concrete Abutment	LF	180	151	29	0	0
1080	Delamination/Spall/Patched Area	LF	6	0	6	0	0
1130	Cracking (RC and Other)	LF	23	0	23	0	0
(215) Small spalls and cracks in both abutments.							
301	Pourable Joint Seal	LF	67	0	0	67	0
2310	Leakage	LF	67	0	0	67	0
(301) Pourable joints have lost adhesion and are leaking							
321	Reinforced Concrete Approach Slab	SF	1680	1680	0	0	0
(321) No apparent noteworthy defects at this inspection							
330	Metal Bridge Railing	LF	68	68	0	0	0
(330) No apparent noteworthy defects at this inspection							



Elevation



Inventory looking north



Deck overview



Soffit view



Small spalls on left side of slab



Deck, spalls with exposed rebar in right lane



Bent 1 vertical crack up to 0.030"



Bent 1 small spall

Maintenance Needs

Date Reported: 03/11/2020

Priority: C - Important

Type of Work: Repair (General)

Status: Repair Documented

Component: Approach

Deficiency Description

The northbound approach guardrail on both sides have been damaged.

Remarks

Assigned to Saline County 7/15/2020



Northbound right side



Northbound right side



Northbound left side.



Routine Maintenance

Check Box Maintenance Items

Type of Maintenance	Is recommended?
A-54 - Sealable Deck Cracks	Yes
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	Yes
A-60 - Full Beam Painting Needed	No
A-61 - Polymer Overlay Advised	Yes
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 (Yes)

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 (Yes)

A-60 - Full Girder Painting Needed (No)

A-61 - Polymer Overlay Advised (Yes)

A-62 - Hydro and LMC Advised (No)

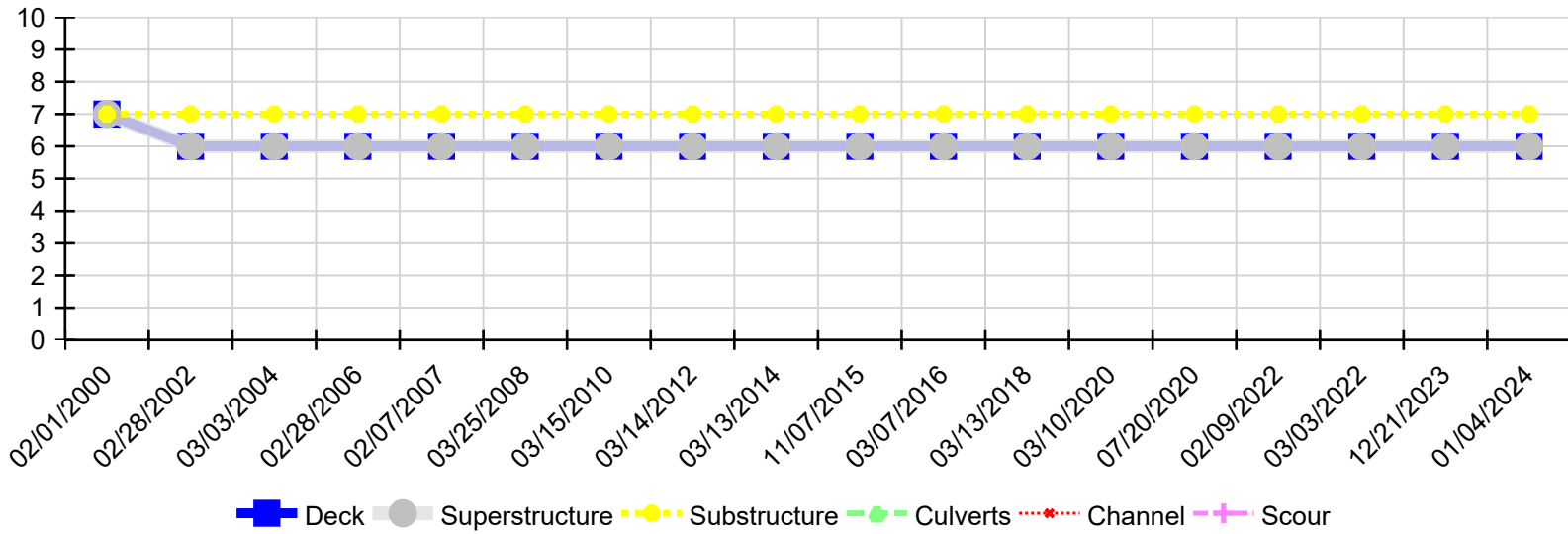
A-63 - Missing/Incorrect Log Mile Signage (No)

A-64 - Vegetation Removal Requested (No)



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Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
01/04/2024	6	6	7	N	N	N
12/21/2023	6	6	7	N	N	N
03/03/2022	6	6	7	N	N	N
02/09/2022	6	6	7	N	N	N
07/20/2020	6	6	7	N	N	N
03/10/2020	6	6	7	N	N	N
03/13/2018	6	6	7	N	N	N
03/07/2016	6	6	7	N	N	N
11/07/2015	6	6	7	N	N	N
03/13/2014	6	6	7	N	N	N
03/14/2012	6	6	7	N	N	N
03/15/2010	6	6	7	N	N	N
03/25/2008	6	6	7	N	N	N
02/07/2007	6	6	7	N	N	N
02/28/2006	6	6	7	N	N	N
03/03/2004	6	6	7	N	N	N
02/28/2002	6	6	7	N	N	N
02/01/2000	7	7	7	N	N	N