



Latitude:33.31599, Longitude:-93.94577

Route:26 Section:00 Log:4.13

Arnold Road ID:46xMC26x1xA, Arnold Log mile:0.629

District 03, 91 - Miller County

Owner: 1 - State Highway Agency

Bridge Posting Information

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

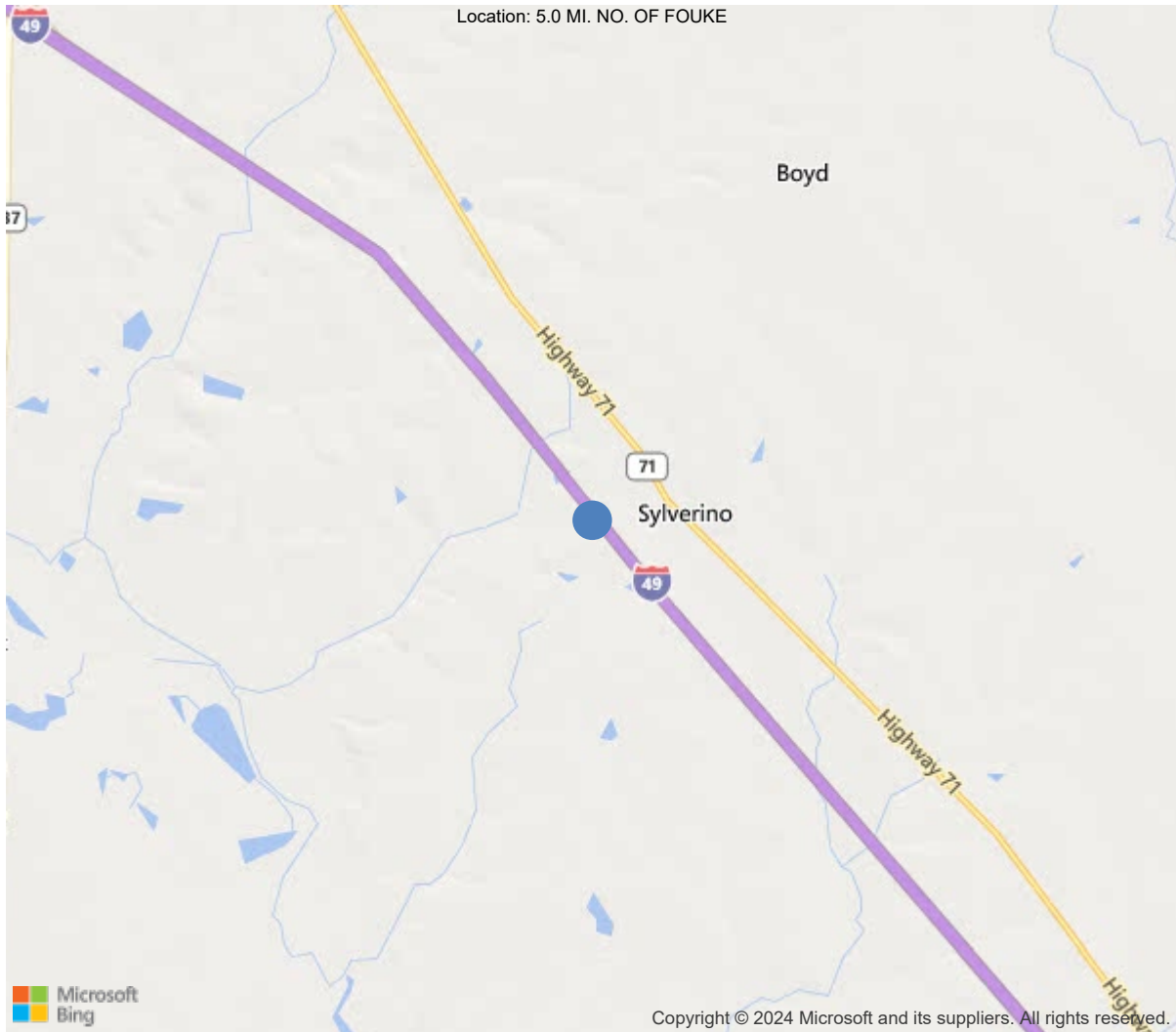
70 - Bridge Posting: 5 - Equal to or above legal loads

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)	46		
Code 5 (40 Tons)	47		

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



33.31599, -93.94577



Asset #06786(Routine)

C.R. 26 ZONE -E over I 49 N.B. & S.B LNS

Location: 5.0 MI. NO. OF FOUKE

Team Lead: John King, Inspection Date: 04/03/2023

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	06786
(5) Inventory Route	1
(2) Highway Agency District	03 - District 03
(3) County Code	91 - Miller County
(4) Place Code	0
(6) Features Intersected	I 49 N.B. & S.B LNS
(7) Facility Carried	C.R. 26 ZONE -E
(9) Location	5.0 MI. NO. OF FOUKE
(11) Mile Point	4.13 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	33.315994
(17) Longitude	-93.94577
(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	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 pl
Type of Membrane	0 - None
Type of Deck Protection	1 - Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	2003
(106) Year Reconstructed	0
(42) Type of Service	11
On	1 - Highway
Under	1 - Highway, with or without pedestrian
(28) Lane	
On	2
Under	4
(29) Average Daily Traffic	1453
(30) Year of ADT	1987
(109) Truck ADT	1 %
(19) Bypass, Detour Length	5 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	154 ft
(49) Structure Length	525 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	27.6 ft
(52) Deck Width Out to Out	30.7 ft
(32) Approach Roadway Width (W/Shoulders)	27.9 ft
(33) Bridge Median	0 - No median
(34) Skew	50 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	27.6 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	17.28 ft
Ref:	
(55) Min Lat Underclear RT	34.8 ft
Ref:	
(56) Min Lat Underclear LT	37.8 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	9 - Rural Local
(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	7
(59) Superstructure	8
(60) Substructure	8
(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	39
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	23
(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	5
(69) Clearances, Vertical/Horizontal	9
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	7
(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	N - Bridge not over waterway.
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	0
(114) Future ADT	327
(115) Year of Future ADT	2007

INSPECTIONS *			
(90) Inspection Date	04/03/2023		
(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 #06786(Routine)

District: 03, County: 91 - Miller County

Team Lead: John King, Inspection Date: 04/03/2023

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

rated a 7 Due to minor cracking in deck, Minor efflorescence and cracking in deck overhang

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

Rated an 8 weathering steel beams

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

Rated an 8 very small hair line cracks on surface area.

A-46 - Asset Files

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A-54 - Sealable Deck Cracks

small cracks in deck

A-61 - Polymer Overlay Advised (Y)

04/2023 bridge deck has crack to top side and deck pans on bottom side. may look at polymer overlay...

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	16117	14917	1200	0	0
1120	Efflorescence/Rust Staining	SF	200	0	200	0	0
1130	Cracking (RC and Other)	SF	1000	0	1000	0	0
(12) Cracking in Deck various location across all spans Cracking in deck overhang Efflorescence in deck overhang various locations							
107	Steel Open Girder/Beam	LF	2100	2100	0	0	0
515	Steel Protective Coating	SF	29922	29922	0	0	0
205	Reinforced Concrete Column	EA	6	0	6	0	0
1120	Efflorescence/Rust Staining	EA	6	0	6	0	0
(205) Rust staining on all 6 Columns							
215	Reinforced Concrete Abutment	LF	135	135	0	0	0
234	Reinforced Concrete Pier Cap	LF	205	200	5	0	0
1130	Cracking (RC and Other)	LF	5	0	5	0	0
(234) Small hairline Cracking in bent 3 cap Map like hairline cracking in bent 4 cap							
303	Assembly Joint with Seal	LF	95	95	0	0	0
310	Elastomeric Bearing	EA	20	20	0	0	0
331	Reinforced Concrete Bridge Railing	LF	1050	200	800	50	0
1120	Efflorescence/Rust Staining	LF	300	0	300	0	0
1130	Cracking (RC and Other)	LF	550	0	500	50	0
(331) Cracking in concrete bridge railing in various locations Efflorescence in various locations of bridge railing Some efflorescence is maplike across various locations.							



Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	16117	14917	1200	0	0
1120	Efflorescence/Rust Staining	SF	200	0	200	0	0
1130	Cracking (RC and Other)	SF	1000	0	1000	0	0
(12) Cracking in Deck various location across all spans							
Cracking in deck overhang							
Efflorescence in deck overhang various locations							

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

Comment: rated a 7 Due to minor cracking in deck, Minor efflorescence and cracking in deck overhang



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C.R. 26 ZONE -E over I 49 N.B. & S.B LNS

Location: 5.0 MI. NO. OF FOUKE

Team Lead: John King, Inspection Date: 04/03/2023

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4
107	Steel Open Girder/Beam	LF	2100	2100	0	0	0
515	Steel Protective Coating	SF	29922	29922	0	0	0

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

Comment: Rated an 8 weathering steel beams



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C.R. 26 ZONE -E over I 49 N.B. & S.B LNS

Location: 5.0 MI. NO. OF FOUKE

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Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
205	Reinforced Concrete Column	EA	6	0	6	0	0
1120	Efflorescence/Rust Staining	EA	6	0	6	0	0
(205) Rust staining on all 6 Columns							
215	Reinforced Concrete Abutment	LF	135	135	0	0	0
234	Reinforced Concrete Pier Cap	LF	205	200	5	0	0
1130	Cracking (RC and Other)	LF	5	0	5	0	0
(234) Small hairline Cracking in bent 3 cap Map like hairline cracking in bent 4 cap							

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

Comment: Rated an 8 very small hair line cracks on surface area.



Map like hairline cracking bent 4



Small hairline cracking bent 3 cap



Alignment



Polymer overlay candidate



Cracking in deck various locations



Map like efflorescence in concrete bridge railing various locations



Cracking in deck



Cracking in concrete bridge railing various locations



Minor cracking in deck various locations



Typical deck



Efflorescence in concrete bridge railing various locations



Cracking in bridge concrete railing various locations



Elevation



Cracking in deck overhang various locations



Typical substructure



Typical superstructure



Rust staining on all 6 Columns



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	Yes
A-62 - Hydro and LMC Advised	
A-63 Missing/Incorrect Log Mile Signage	
A-64 - Vegetation Removal Requested	

A-54 - Sealable Deck Cracks

small cracks in deck

A-55 - Deck Washing Needed

A-56 - Joint Cleaning/Flushing Needed

A-57 - Beam End and Bearing Painting Needed

A-58 - Cap Cleaning/Flushing Needed

A-59 - Joint Repair Needed

A-60 - Full Beam Painting Needed

A-61 - Polymer Overlay Advised (Yes)

04/2023 bridge deck has crack to top side and deck pans on bottom side. may look at polymer overlay...



Polymer overlay candidate

A-62 - Hydro and LMC Advised



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Location: 5.0 MI. NO. OF FOUKE

Team Lead: John King, Inspection Date: 04/03/2023

A-63 - Missing/Incorrect Log Mile Signage

A-64 - Vegetation Removal Requested



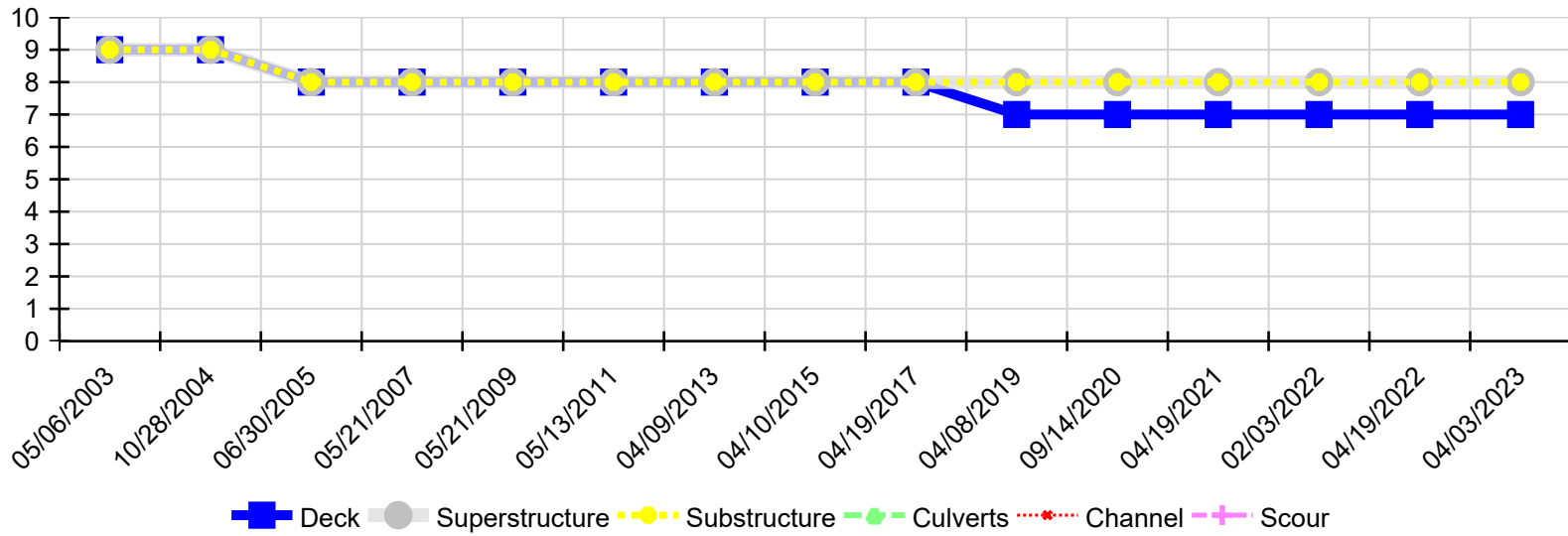
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Location: 5.0 MI. NO. OF FOUKE

Team Lead: John King, Inspection Date: 04/03/2023

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
04/03/2023	7	8	8	N	N	N
04/19/2022	7	8	8	N	N	N
02/03/2022	7	8	8	N	N	N
04/19/2021	7	8	8	N	N	N
09/14/2020	7	8	8	N	N	N
04/08/2019	7	8	8	N	N	N
04/19/2017	8	8	8	N	N	N
04/10/2015	8	8	8	N	N	N
04/09/2013	8	8	8	N	N	N
05/13/2011	8	8	8	N	N	N
05/21/2009	8	8	8	N	N	N
05/21/2007	8	8	8	N	N	N
06/30/2005	8	8	8	N	N	N
10/28/2004	9	9	9	N	N	N
05/06/2003	9	9	9	N	N	N