



Latitude:34.53822, Longitude:-92.98311

Route:11111 Section:0 Log:0.03

Arnold Road ID:, Arnold Log mile:

District 06, 51 - Garland County

Owner: 1 - State Highway Agency

Inspection Direction: 4 - W to E

Bridge Posting Information

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

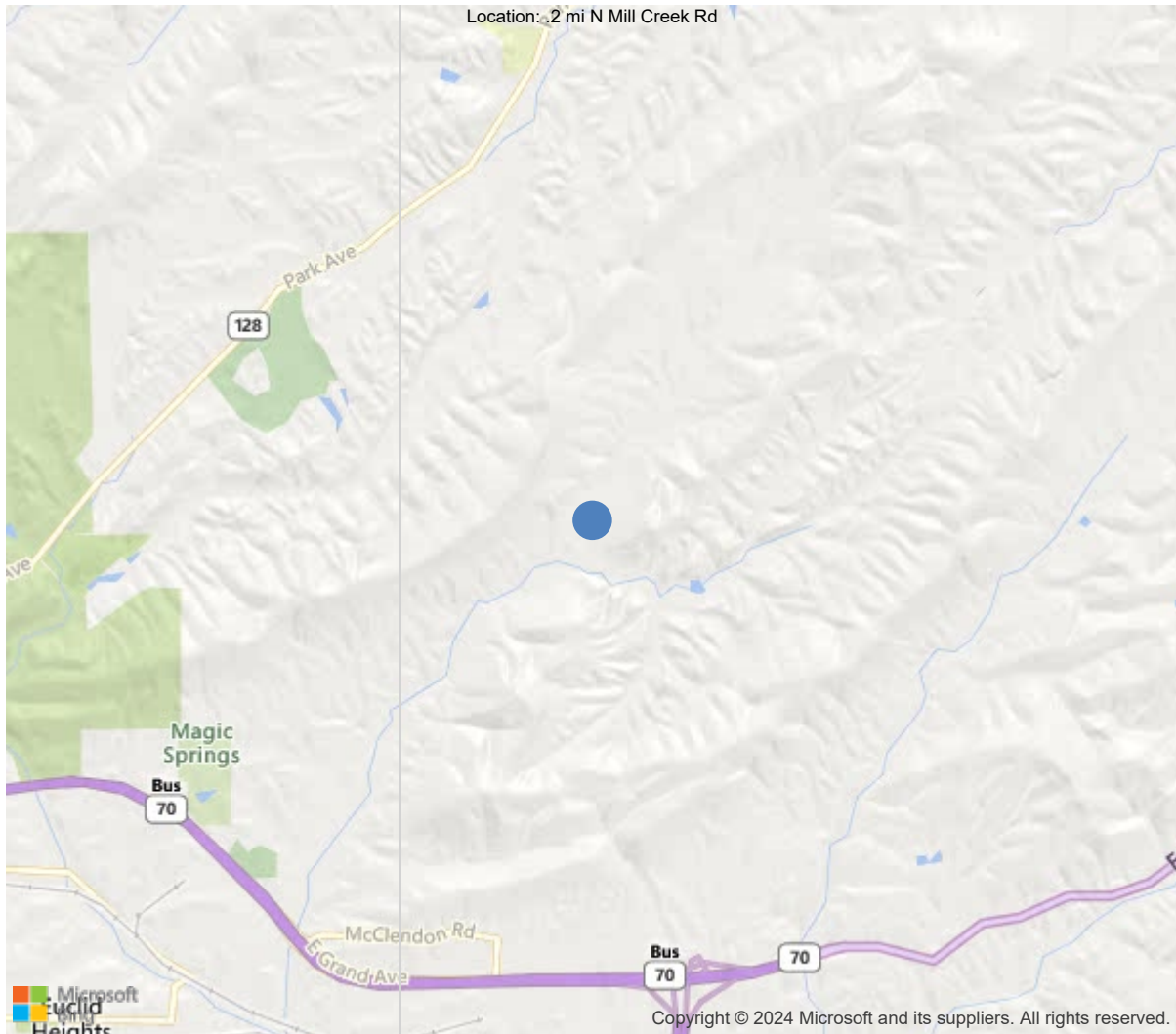
70 - Bridge Posting: 5 - Equal to or above legal loads

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



34.53822, -92.98311



Asset #07460(Routine)

Denise Ln. over Hwy 5 sec 5

Location: .2 mi N Mill Creek Rd

Team Lead: Shane Byrd Inspection Date: 11/13/2023

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	07460
(5) Inventory Route	1
(2) Highway Agency District	06 - District 06
(3) County Code	51 - Garland County
(4) Place Code	0
(6) Features Intersected	Hwy 5 sec 5
(7) Facility Carried	Denise Ln.
(9) Location	.2 mi N Mill Creek Rd
(11) Mile Point	0.03 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	11111
(16) Latitude	34.538222
(17) Longitude	-92.983111
(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	2
(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	2021
(106) Year Reconstructed	
(42) Type of Service	11
On	1 - Highway
Under	1 - Highway, with or without pedestrian
(28) Lane	
On	2
Under	3
(29) Average Daily Traffic	200
(30) Year of ADT	2022
(109) Truck ADT	%
(19) Bypass, Detour Length	0 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	110 ft
(49) Structure Length	222.2 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	24 ft
(52) Deck Width Out to Out	27.2 ft
(32) Approach Roadway Width (W/Shoulders)	24 ft
(33) Bridge Median	0 - No median
(34) Skew	15 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	24 ft
(53) Min Vert Clear Over Bridge Rdwy	99.9 ft
(54) Min Vert Underclear	17.25 ft
Ref:	
(55) Min Lat Underclear RT	56.7 ft
Ref:	
(56) Min Lat Underclear LT	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	19 - Urban 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	9
(59) Superstructure	9
(60) Substructure	9
(61) Channel & Channel Protection	N
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	A - HL93
(63) Operating Rating Method	3
(64) Operating Rating	
Type	3 - Load and Resistance Factor(LRFR)
Rating	60
(65) Inventory Rating Method	3 - Load and Resistance Factor
(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	
(69) Clearances, Vertical/Horizontal	
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	6
(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	240
(115) Year of Future ADT	2042

INSPECTIONS *			
(90) Inspection Date	11/13/2023		
(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 #07460(Routine)

Denise Ln. over Hwy 5 sec 5

Location: .2 mi N Mill Creek Rd

Team Lead: Shane Byrd Inspection Date: 11/13/2023

General Observation

Logged Eastbound

29 - Average Daily Traffic (200)

measured ADT data does not exist yet. this is an estimate based on nearby routes

58 - Deck (9 - EXCELLENT CONDITION)

No problems noted.

59 - Superstructure (9 - EXCELLENT CONDITION)

No problems noted.

60 - Substructure (9 - EXCELLENT CONDITION)

No problems noted.



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ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	5975	5975	0	0	0
	(12) No problems noted.						
107	Steel Open Girder/Beam	LF	880	880	0	0	0
515	Steel Protective Coating	SF	11000	11000	0	0	0
	(107) No problems noted.						
	(515-107) No problems noted.						
210	Reinforced Concrete Pier Wall	LF	11	11	0	0	0
	(210) No problems noted.						
215	Reinforced Concrete Abutment	LF	110	110	0	0	0
	(215) No problems noted.						
234	Reinforced Concrete Pier Cap	LF	27	27	0	0	0
	(234) No problems noted.						
301	Pourable Joint Seal	LF	54	54	0	0	0
	(301) No problems noted.						
310	Elastomeric Bearing	EA	12	12	0	0	0
	(310) No problems noted.						
331	Reinforced Concrete Bridge Railing	LF	440	440	0	0	0
	(331) No problems noted.						



Elevation



Span 2 soffit.



Deck overview.



Approach eastbound.



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Routine Maintenance

Check Box Maintenance Items

Type of Maintenance	Is recommended?
A-54 - Sealable Deck Cracks	No
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	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 (No)



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Location: .2 mi N Mill Creek Rd

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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 (No)

A-60 - Full Girder 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)



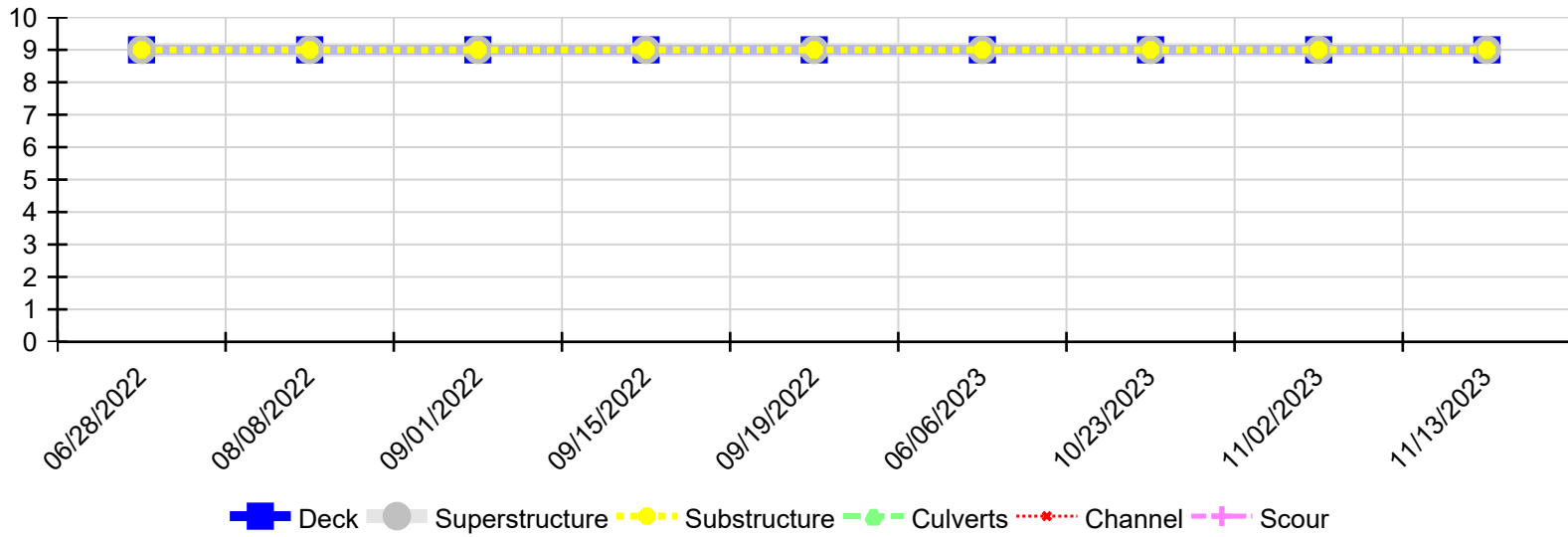
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Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
11/13/2023	9	9	9	N	N	N
11/02/2023	9	9	9	N	N	N
10/23/2023	9	9	9	N	N	N
06/06/2023	9	9	9	N	N	N
09/19/2022	9	9	9	N	N	N
09/15/2022	9	9	9	N	N	N
09/01/2022	9	9	9	N	N	N
08/08/2022	9	9	9	N	N	N
06/28/2022	9	9	9	N	N	N