



Latitude:34.51947, Longitude:-92.98167

Route:11111 Section:00 Log:1.8

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:

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

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



Asset #07457(Routine)

Promised Land Dr. over Hwy 5

Location: 1.8 mi s Mill Creek Rd

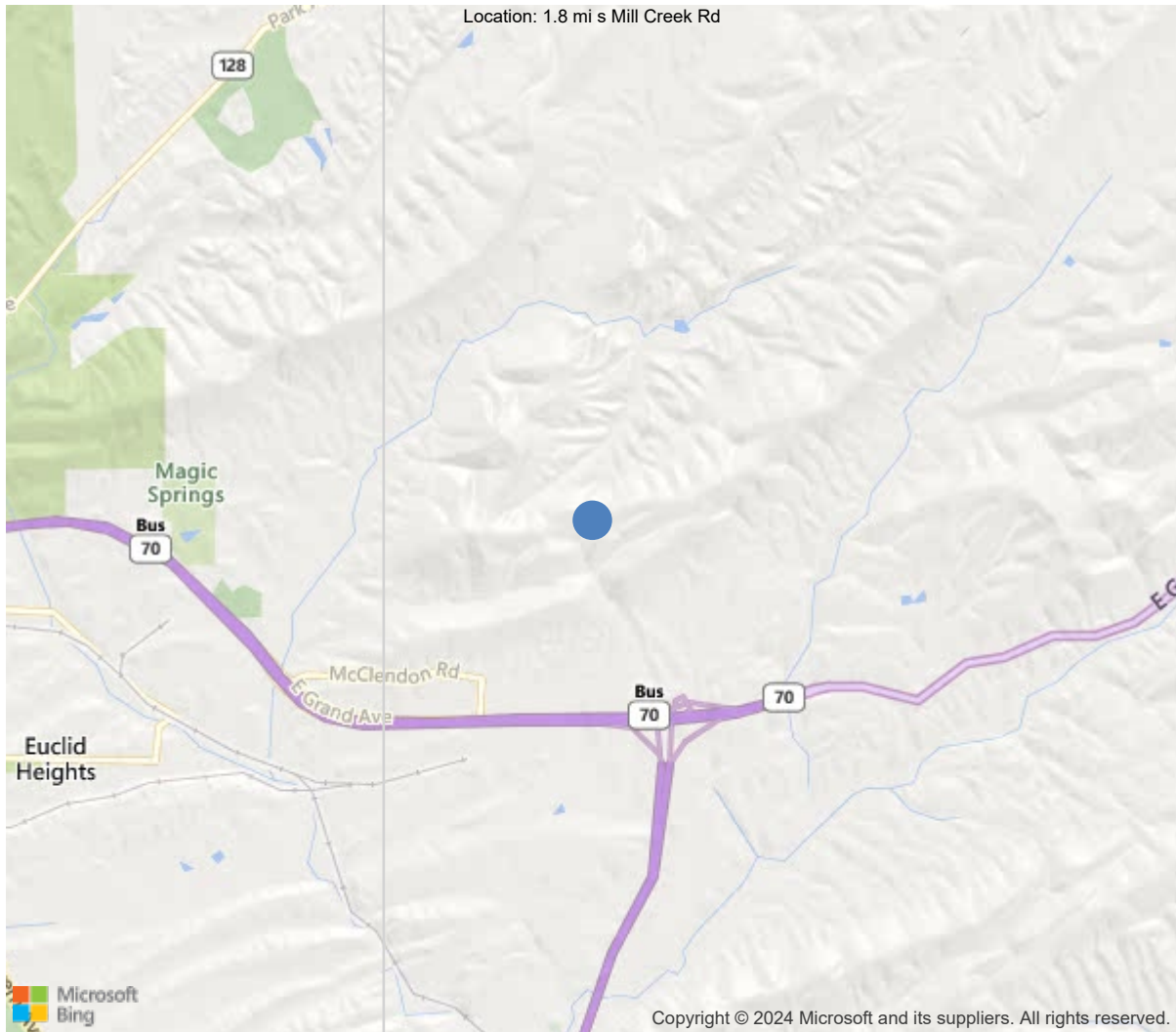
Team Lead: Shane Byrd Inspection Date: 08/31/2022

End of Bridge Sign Current Value

An error has occurred while processing TextBox 'textBox19':
Cannot perform '>=' operation on System.String and System.Int32.

An error has occurred while processing TextBox 'textBox20':
Cannot perform '>=' operation on System.String and System.Int32.

An error has occurred while processing TextBox 'textBox25':
Cannot perform '>=' operation on System.String and System.Int32.



34.51947, -92.98167



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Promised Land Dr. over Hwy 5

Location: 1.8 mi s Mill Creek Rd

Team Lead: Shane Byrd Inspection Date: 08/31/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	07457
(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
(7) Facility Carried	Promised Land Dr.
(9) Location	1.8 mi s Mill Creek Rd
(11) Mile Point	1.8 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	34.519472
(17) Longitude	-92.981667
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	22
Material	2 - Concrete 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	1 - Monolithic Concrete (concurrently pl
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	2
(29) Average Daily Traffic	
(30) Year of ADT	
(109) Truck ADT	%
(19) Bypass, Detour Length	2 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	165 ft
(49) Structure Length	497.2 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	28 ft
(52) Deck Width Out to Out	31.2 ft
(32) Approach Roadway Width (W/Shoulders)	28 ft
(33) Bridge Median	0 - No median
(34) Skew	0 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99 ft
(47) Inventory Route Total Horiz Clear	28 ft
(53) Min Vert Clear Over Bridge Rdwy	99 ft
(54) Min Vert Underclear	66.8 ft
Ref:	
(55) Min Lat Underclear RT	35.6 ft
Ref:	
(56) Min Lat Underclear LT	85.4 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	1
(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	
(63) Operating Rating Method	
(64) Operating Rating	
Type	
Rating	
(65) Inventory Rating Method	
(66) Inventory Rating	
Type	
Rating	
(70) Bridge Posting	
(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	
(114) Future ADT	
(115) Year of Future ADT	

INSPECTIONS *			
(90) Inspection Date	08/31/2022		
(91) Frequency	24		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection	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.			



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Team Lead: Shane Byrd Inspection Date: 08/31/2022

General Observation

Job # R60140

A-108 - Load Rating Requested (Yes)

New structure opened to traffic.



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ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	15424	15424	0	0	0
107	Steel Open Girder/Beam	LF	1980	1980	0	0	0
515	Steel Protective Coating	SF	32175	32175	0	0	0
210	Reinforced Concrete Pier Wall	LF	24	24	0	0	0
215	Reinforced Concrete Abutment	LF	130	130	0	0	0
234	Reinforced Concrete Pier Cap	LF	62	62	0	0	0
300	Strip Seal Expansion Joint	LF	62	62	0	0	0
310	Elastomeric Bearing	EA	16	16	0	0	0
321	Reinforced Concrete Approach Slab	SF	0	0	0	0	0
331	Reinforced Concrete Bridge Railing	LF	990	990	0	0	0



08/31/2022

Elevation



08/31/2022

Elevation



08/31/2022

Soffit span 1.



08/31/2022

Deck overview



Approach eastbound



Span 2



Span 3



Bent 1 debris impact.



Sawed construction joints full of
Debris and missing D -200



Bent 3 bearings.



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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	
A-63 - Missing/Incorrect Log Mile Signage	
A-64 - Vegetation Removal Requested	

A-54 - Sealable Deck Cracks

A-55 - Deck Washing Needed

A-56 - Joint Cleaning/Flushing Needed



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A-57 - Girder End and Bearing Painting Needed

A-58 - Cap Cleaning/Flushing Needed

A-59 - Joint Repair Needed

A-60 - Full Girder Painting Needed

A-61 - Polymer Overlay Advised

A-62 - Hydro and LMC Advised

A-63 - Missing/Incorrect Log Mile Signage

A-64 - Vegetation Removal Requested



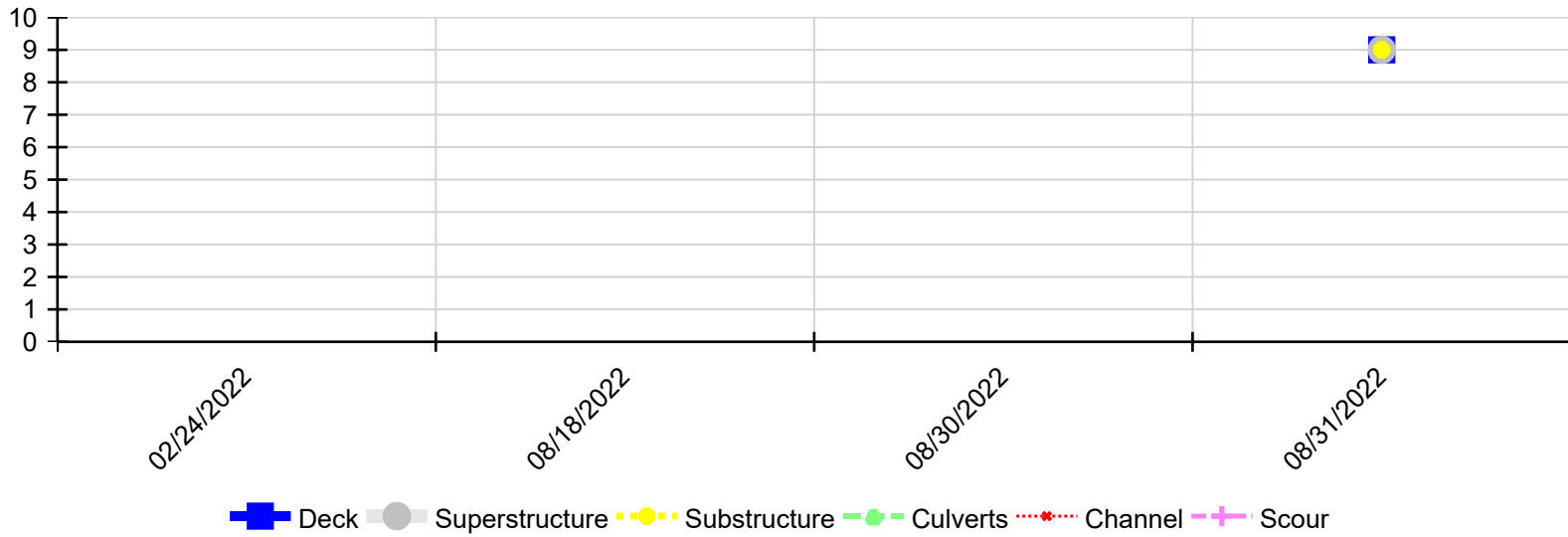
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Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
08/31/2022	9	9	9	N	N	N
08/30/2022	N	N	N	N	N	N
08/18/2022	N	N	N	N	N	N
02/24/2022	N	N	N	N	N	N