



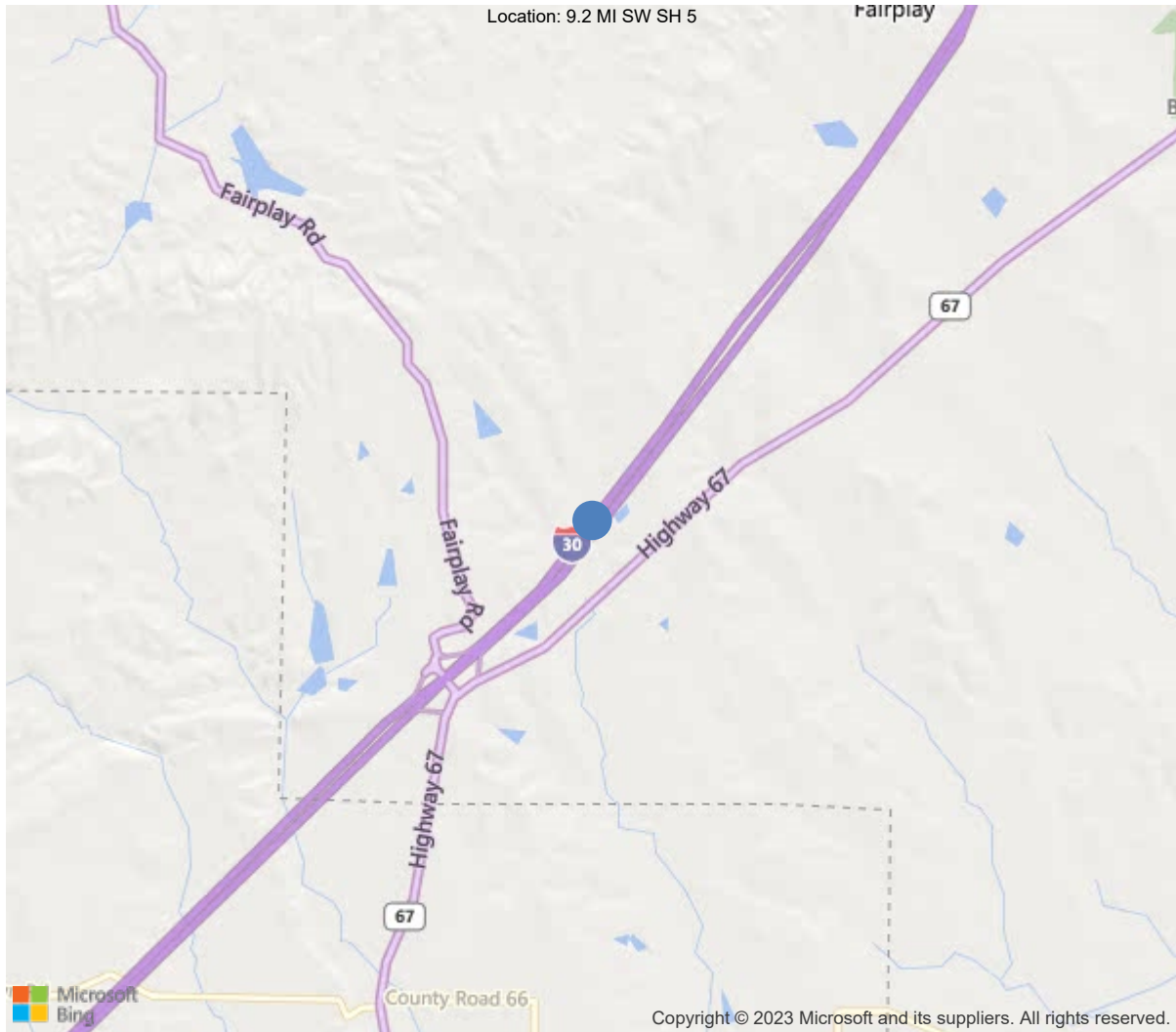
Latitude:34.49401, Longitude:-92.71135

Route:30 Section:22 Log:107.397

Arnold Road ID:62x30x22xB, Arnold Log mile:35.529

District 06, 125 - Saline County

Owner: 1 - State Highway Agency



34.49401, -92.71135



Asset #X0282(Routine)

I-30 WB Log 107.4 over CREEK

Location: 9.2 MI SW SH 5

Team Lead: Chris Doggett, Inspection Date: 01/05/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	X0282
(5) Inventory Route	1
(2) Highway Agency District	06 - District 06
(3) County Code	125 - Saline County
(4) Place Code	0
(6) Features Intersected	CREEK
(7) Facility Carried	I-30 WB Log 107.4
(9) Location	9.2 MI SW SH 5
(11) Mile Point	107.397 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000030220
(16) Latitude	34.49401
(17) Longitude	-92.71135
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	119
Material	1 - Concrete
Type	19 - Culvert
(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	N - Not applicable
(108) Wearing Surface/Protective System	
Type of Wearing Surface	N - Not applicable (applies only to stru
Type of Membrane	N - Not applicable (applies only to stru
Type of Deck Protection	N - Not applicable (applies only to stru
AGE AND SERVICE	
(27) Year Built	1963
(106) Year Reconstructed	0
(42) Type of Service	15
On	1 - Highway
Under	5 - Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	19475
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	12 ft
(49) Structure Length	25 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	0 ft
(52) Deck Width Out to Out	0 ft
(32) Approach Roadway Width (W/Shoulders)	38.1 ft
(33) Bridge Median	0 - No median
(34) Skew	45 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	99.9 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	0 ft
Ref:	
(55) Min Lat Underclear RT	99.9 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	1
(26) Functional Class	1 - Rural Principal Arterial -
(100) Defense Highway	1 - The inventory route is on
(101) Parallel Structure	L - The left structure of para
(102) Direction of Traffic	1 - 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	N
(59) Superstructure	N
(60) Substructure	N
(61) Channel & Channel Protection	7
(62) Culverts	6
LOAD RATING AND POSTING	
(31) Design Load	4 - M 18 / H 20
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1 - Load Factor(LF)
Rating	43
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	26
(70) Bridge Posting	5 - Equal to or above legal loads
(41) Structure Open/Posted/Closed	A - Open, no restriction
APPRAISAL	
(67) Structural Evaluation	5
(68) Deck Geometry	N
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	N - Not applicable or a safety feat
(36B) Transitions	N - Not applicable or a safety feat
(36C) Approach Guardrail	N - Not applicable or a safety feat
(36D) Approach Guardrail Ends	N - Not applicable or a safety feat
(113) Scour Critical Bridges	8 - 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	20617
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	01/05/2022		
(91) Frequency	24		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection			
* 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 #X0282(Routine)

District: 06, County: 125 - Saline County

Team Lead: Chris Doggett, Inspection Date: 01/05/2022

General Observation

Logged eastbound.

A-46 - Asset Files

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A-51 - Inspection Direction (3 - E to W)

Approach East to West.

Team Lead: Chris Doggett, **Inspection Date:** 01/05/2022

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
241	Reinforced Concrete Culvert	LF	302	0	300	2	0
1090	Exposed Rebar	LF	2	0	0	2	0
1120	Efflorescence/Rust Staining	LF	24	0	24	0	0
1130	Cracking (RC and Other)	LF	72	0	72	0	0
1190	Abrasion/Wear (PSC/RC)	LF	204	0	204	0	0
(241) Small cracks with light effloresce in the tops of both barrels. Deterioration to head wall on inlet end of box with exposed rebar. (1120-241) Both barrels has cracks with efflorescence in top of box.							



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Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Asset #X0282(Routine)

I-30 WB Log 107.4 over CREEK

Location: 9.2 MI SW SH 5

Team Lead: Chris Doggett, Inspection Date: 01/05/2022

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



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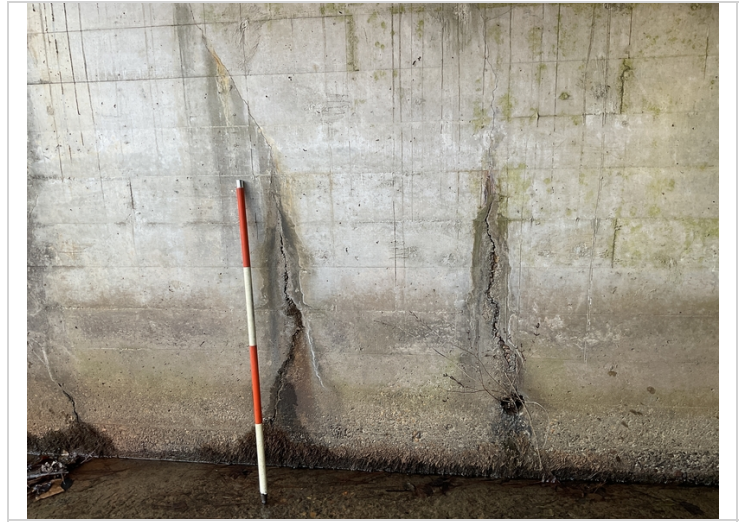
Team Lead: Chris Doggett, Inspection Date: 01/05/2022

Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Elevation



Barrel 1: large vertical cracks near the outlet



Inlet end with spall and exposed rebar



Inventory looking east



Elevation.



Approach looking Westbound.



Cracks with efflorescence in the top of barrel one.



Deterioration to head wall on inlet end of box with exposed rebar.



Elevation



Barrel 2 outlet end has crack in wall. Common along both barrels.



Top of barrel 2 has cracks with efflorescence.



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Routine Maintenance

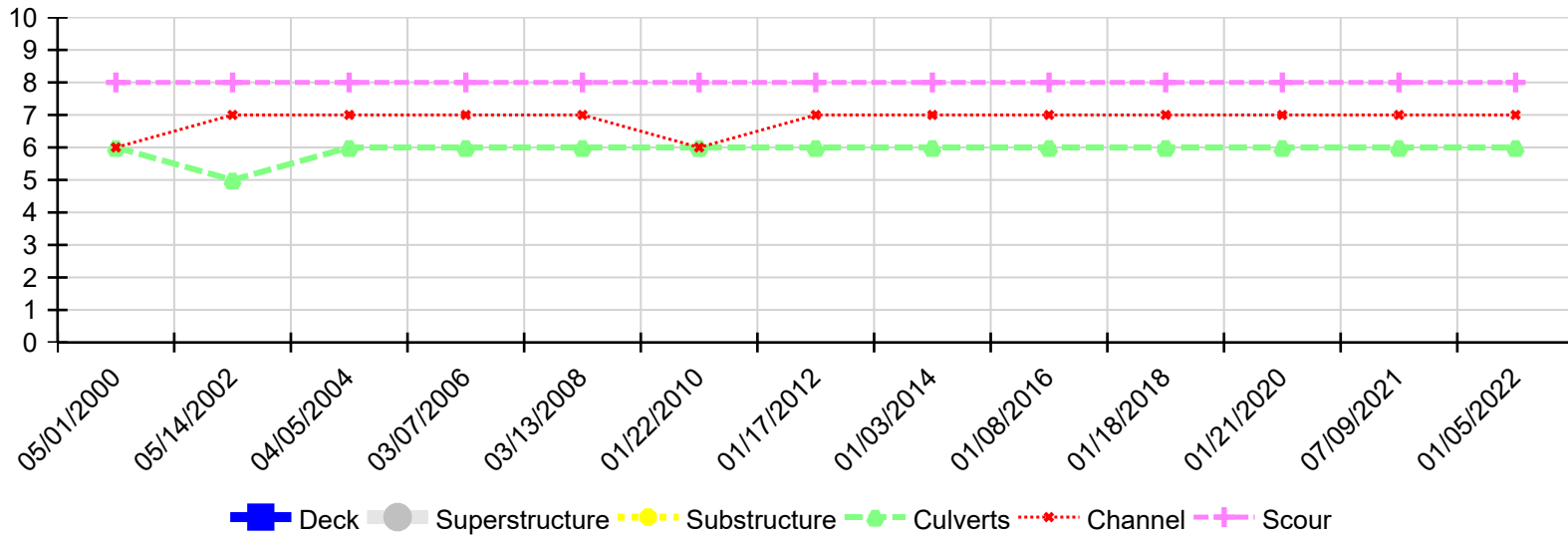
Check Box Maintenance Items

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	



Team Lead: Chris Doggett, Inspection Date: 01/05/2022

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
01/05/2022	N	N	N	6	7	8
07/09/2021	N	N	N	6	7	8
01/21/2020	N	N	N	6	7	8
01/18/2018	N	N	N	6	7	8
01/08/2016	N	N	N	6	7	8
01/03/2014	N	N	N	6	7	8
01/17/2012	N	N	N	6	7	8
01/22/2010	N	N	N	6	6	8
03/13/2008	N	N	N	6	7	8
03/07/2006	N	N	N	6	7	8
04/05/2004	N	N	N	6	7	8
05/14/2002	N	N	N	5	7	8
05/01/2000	N	N	N	6	6	8