



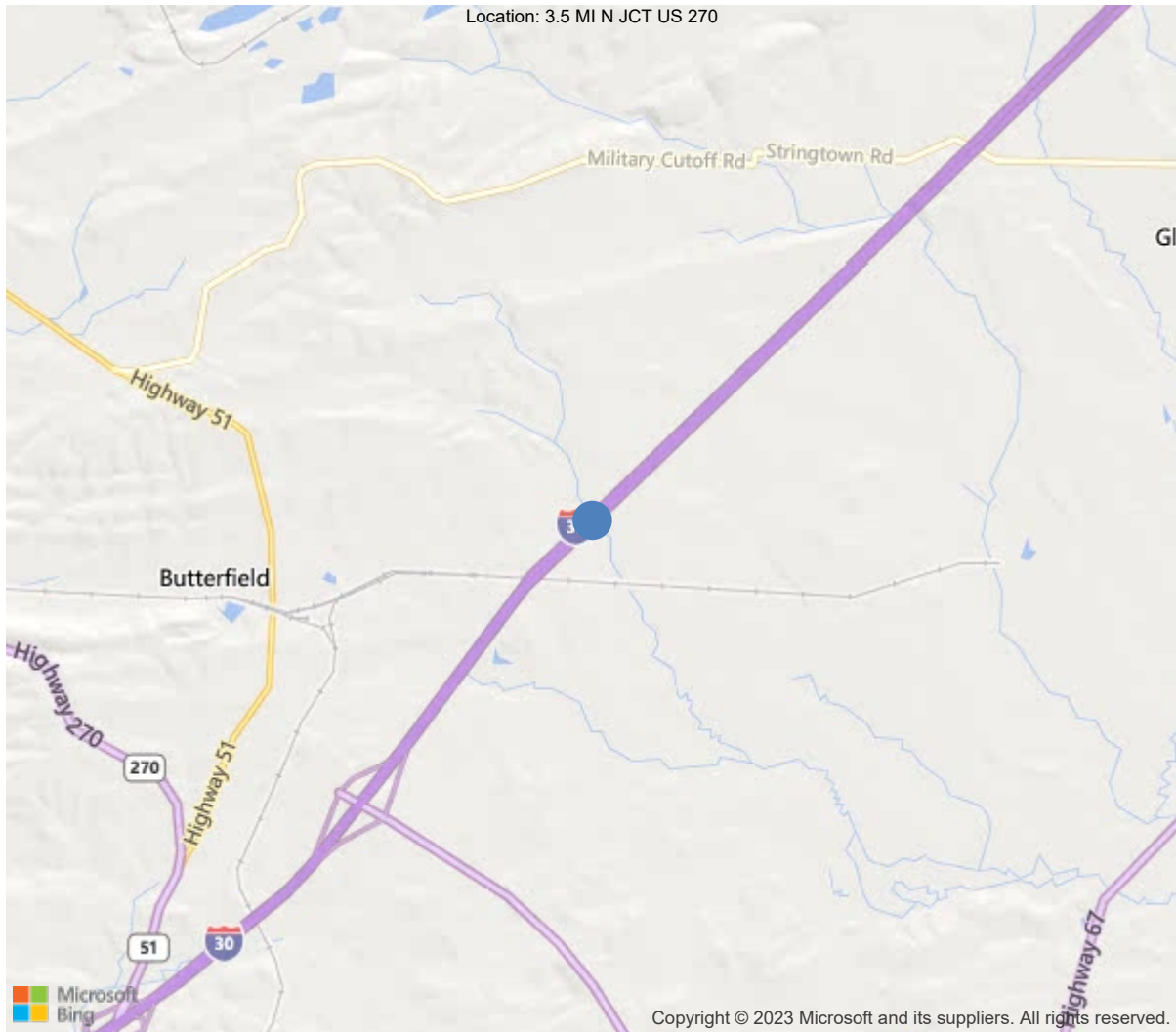
Latitude:34.43349, Longitude:-92.78548

Route:30 Section:21 Log:101.49

Arnold Road ID:30x30x21xA, Arnold Log mile:101.457

District 06, 59 - Hot Spring County

Owner: 1 - State Highway Agency



34.43349, -92.78548





Asset #M3029(Routine)

I-30 EB Log 101.49 over CREEK

Location: 3.5 MI N JCT US 270

Team Lead: Shane Byrd, Inspection Date: 06/14/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	M3029
(5) Inventory Route	1
(2) Highway Agency District	06 - District 06
(3) County Code	59 - Hot Spring County
(4) Place Code	0
(6) Features Intersected	CREEK
(7) Facility Carried	I-30 EB Log 101.49
(9) Location	3.5 MI N JCT US 270
(11) Mile Point	101.49 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000030210
(16) Latitude	34.4334878326765
(17) Longitude	-92.7854816256629
(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	1964
(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	36000
(30) Year of ADT	2018
(109) Truck ADT	47 %
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	10 ft
(49) Structure Length	20.8 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)	40 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	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	0 ft
Ref:	
(56) Min Lat Underclear LT	0 ft
NAVIGATION DATA	
(38) Navigation Control	0 - No navigation control on w
(111) Pier Protection	5 - None present but re-evalua
(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	R - The right structure of par
(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	6
(62) Culverts	6
LOAD RATING AND POSTING	
(31) Design Load	0 - Other or Unknown
(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	24
(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	20053
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	06/14/2022		
(91) Frequency	24		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection			
<p>* 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.</p>			



Asset #M3029(Routine)

District: 06, County: 59 - Hot Spring County

Team Lead: Shane Byrd, Inspection Date: 06/14/2022

#### General Observation

Logged Eastbound.Job #6685, Sheet #59

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#### A-46 - Asset Files

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**Team Lead:** Shane Byrd, **Inspection Date:** 06/14/2022

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
241	Reinforced Concrete Culvert	LF	182	141	41	0	0
1090	Exposed Rebar	LF	3	0	3	0	0
1120	Efflorescence/Rust Staining	LF	24	0	24	0	0
1130	Cracking (RC and Other)	LF	14	0	14	0	0
(241) Cracks and cracks with efflorescence in both barrels. Exposed rebar in barrel 2.							



Asset #M3029(Routine)

I-30 EB Log 101.49 over CREEK

Location: 3.5 MI N JCT US 270

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## Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Asset #M3029(Routine)

I-30 EB Log 101.49 over CREEK

Location: 3.5 MI N JCT US 270

Team Lead: Shane Byrd, Inspection Date: 06/14/2022

## Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Asset #M3029(Routine)

I-30 EB Log 101.49 over CREEK

Location: 3.5 MI N JCT US 270

Team Lead: Shane Byrd, Inspection Date: 06/14/2022

## Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



**Team Lead:** Shane Byrd, **Inspection Date:** 06/14/2022

## Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
241	Reinforced Concrete Culvert	LF	182	141	41	0	0
1090	Exposed Rebar	LF	3	0	3	0	0
1120	Efflorescence/Rust Staining	LF	24	0	24	0	0
1130	Cracking (RC and Other)	LF	14	0	14	0	0
(241) Cracks and cracks with efflorescence in both barrels. Exposed rebar in barrel 2.							



Elevation.



Elevation.



Approach eastbound



Spall with exposed rebar at inlet end of divider wall.



Cracks with efflorescence and rust staining in barrel 1.



**Asset #M3029(Routine)**

**I-30 EB Log 101.49 over CREEK**

**Location: 3.5 MI N JCT US 270**

**Team Lead: Shane Byrd, Inspection Date: 06/14/2022**

## **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	



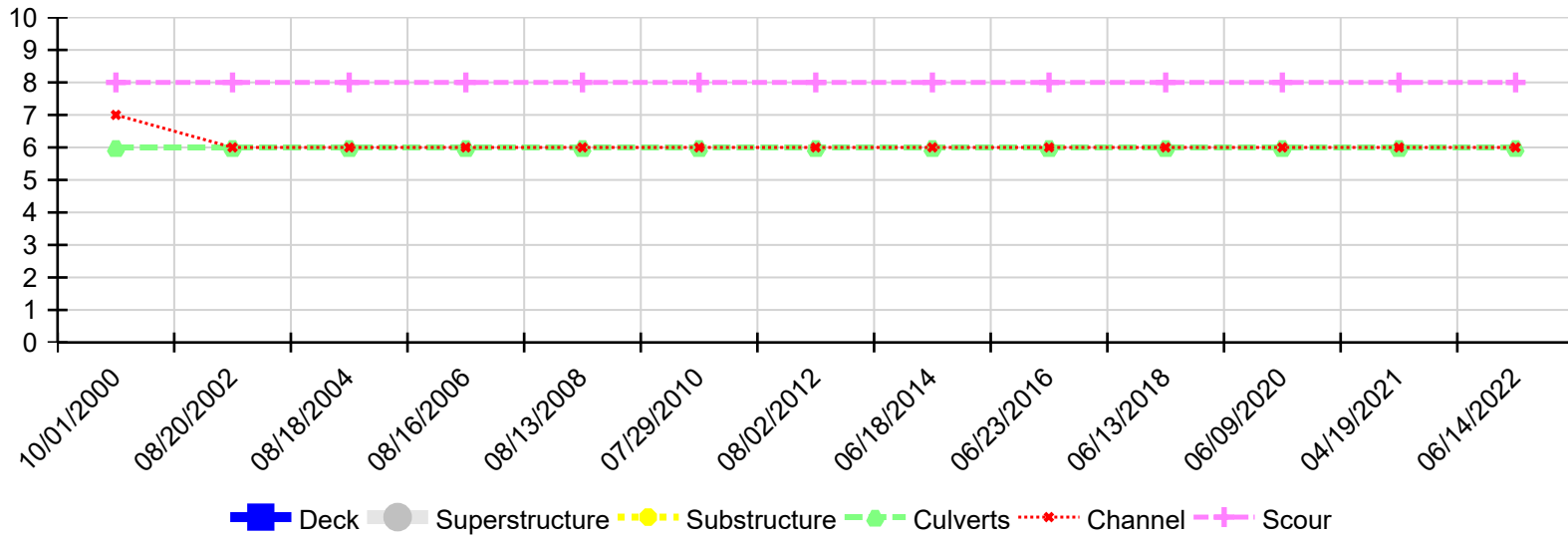
Asset #M3029(Routine)

I-30 EB Log 101.49 over CREEK

Location: 3.5 MI N JCT US 270

Team Lead: Shane Byrd, Inspection Date: 06/14/2022

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
06/14/2022	N	N	N	6	6	8
04/19/2021	N	N	N	6	6	8
06/09/2020	N	N	N	6	6	8
06/13/2018	N	N	N	6	6	8
06/23/2016	N	N	N	6	6	8
06/18/2014	N	N	N	6	6	8
08/02/2012	N	N	N	6	6	8
07/29/2010	N	N	N	6	6	8
08/13/2008	N	N	N	6	6	8
08/16/2006	N	N	N	6	6	8
08/18/2004	N	N	N	6	6	8
08/20/2002	N	N	N	6	6	8
10/01/2000	N	N	N	6	7	8