



Latitude:34.43390, Longitude:-92.78578

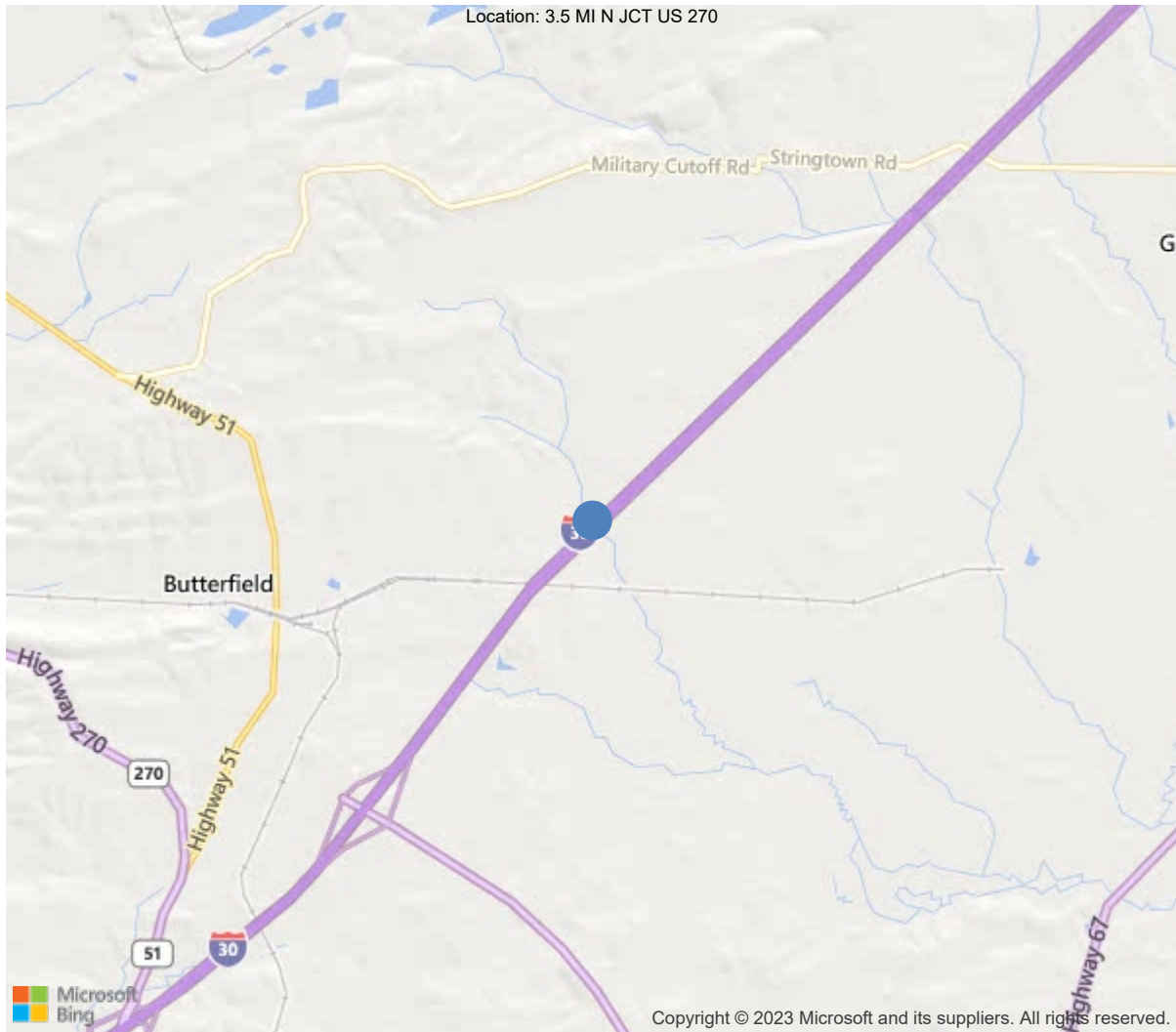
Route:30 Section:21 Log:101.47

Arnold Road ID:30x30x21xB, Arnold Log mile:41.471

District 06, 59 - Hot Spring County

Owner: 1 - State Highway Agency





34.43390, -92.78578



Asset #M3028(Routine)

I-30 WB 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	M3028
(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 WB Log 101.49
(9) Location	3.5 MI N JCT US 270
(11) Mile Point	101.47 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000030210
(16) Latitude	34.433899468542
(17) Longitude	-92.7857779626316
(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	2996
(30) Year of ADT	2018
(109) Truck ADT	45 %
(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	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	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	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	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 **#M3028**(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

---

**A-46 - Asset Files**

-

---

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

ELEMENTS		DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
241		Reinforced Concrete Culvert	LF	162	139	23	0	0
1120		Efflorescence/Rust Staining	LF	22	0	22	0	0
6000		Scour	LF	1	0	1	0	0
(241) Outlet end of culvert has its footing exposed due to scour action.								



Asset #M3028(Routine)

I-30 WB Log 101.49 over CREEK

Location: 3.5 MI N JCT US 270

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

## Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Asset #M3028(Routine)

I-30 WB 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 #M3028(Routine)

I-30 WB 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	162	139	23	0	0	
1120	Efflorescence/Rust Staining	LF	22	0	22	0	0	
6000	Scour	LF	1	0	1	0	0	
(241) Outlet end of culvert has its footing exposed due to scour action.								



Elevation.



Elevation.



Approach westbound.



Cracks with efflorescence in top of barrel 2.

**Maintenance Needs**

**Date Reported:** 06/14/2018

**Priority:** C - Important

**Type of Work:** (Inactive) (Inactive) 9 - None

**Status:** Assigned

**Component:**

---

**Deficiency Description**

Scour at outlet end

**Remarks**

Assigned Hot Springs 06301 10/31/18

---



Scour at outlet end





Scour at outlet end.

**Maintenance Needs**

**Date Reported:** 06/15/2022

**Priority:** C - Important

**Type of Work:** (Inactive) (Inactive) 1 - Clean

**Status:** Open

**Component:** Culverts

---

**Deficiency Description**

Logs and debris restricting water flow at inlet end of box culvert.

**Remarks**

---



Logs and debris restricting water flow at inlet end of box culvert.





**Asset #M3028(Routine)**

**I-30 WB 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

<b>Type of Maintenance</b>	<b>Is recommended?</b>
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	



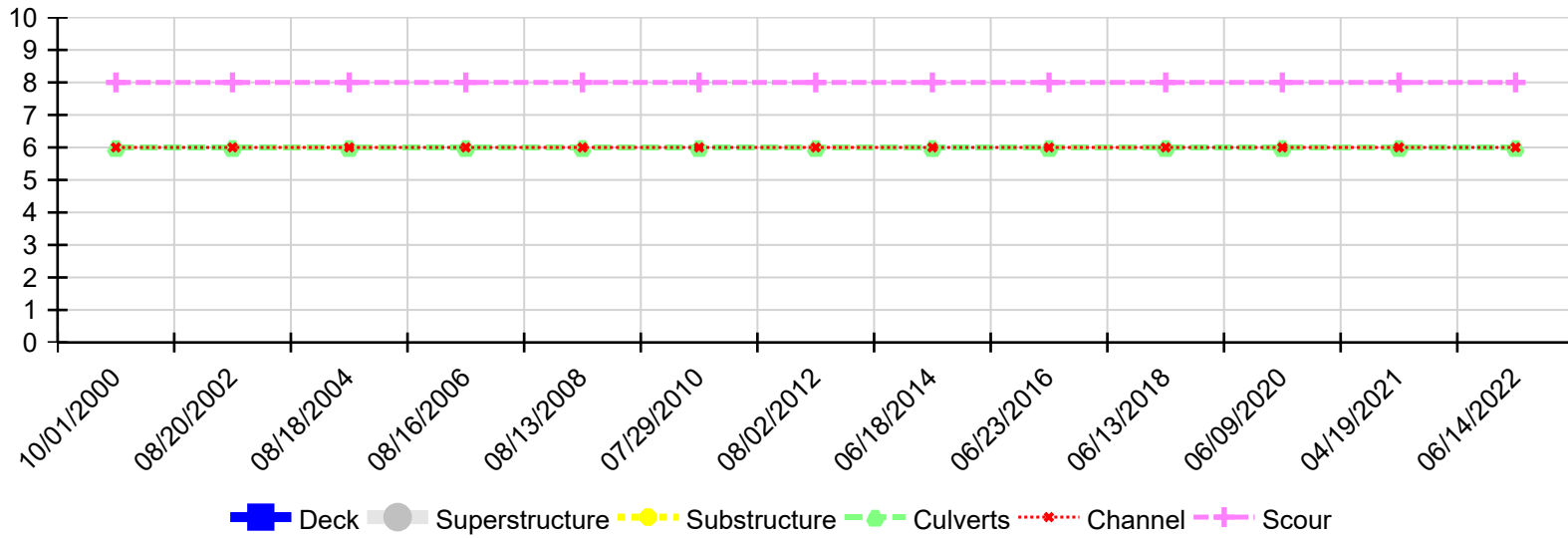
Asset #M3028(Routine)

I-30 WB 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	6	8