



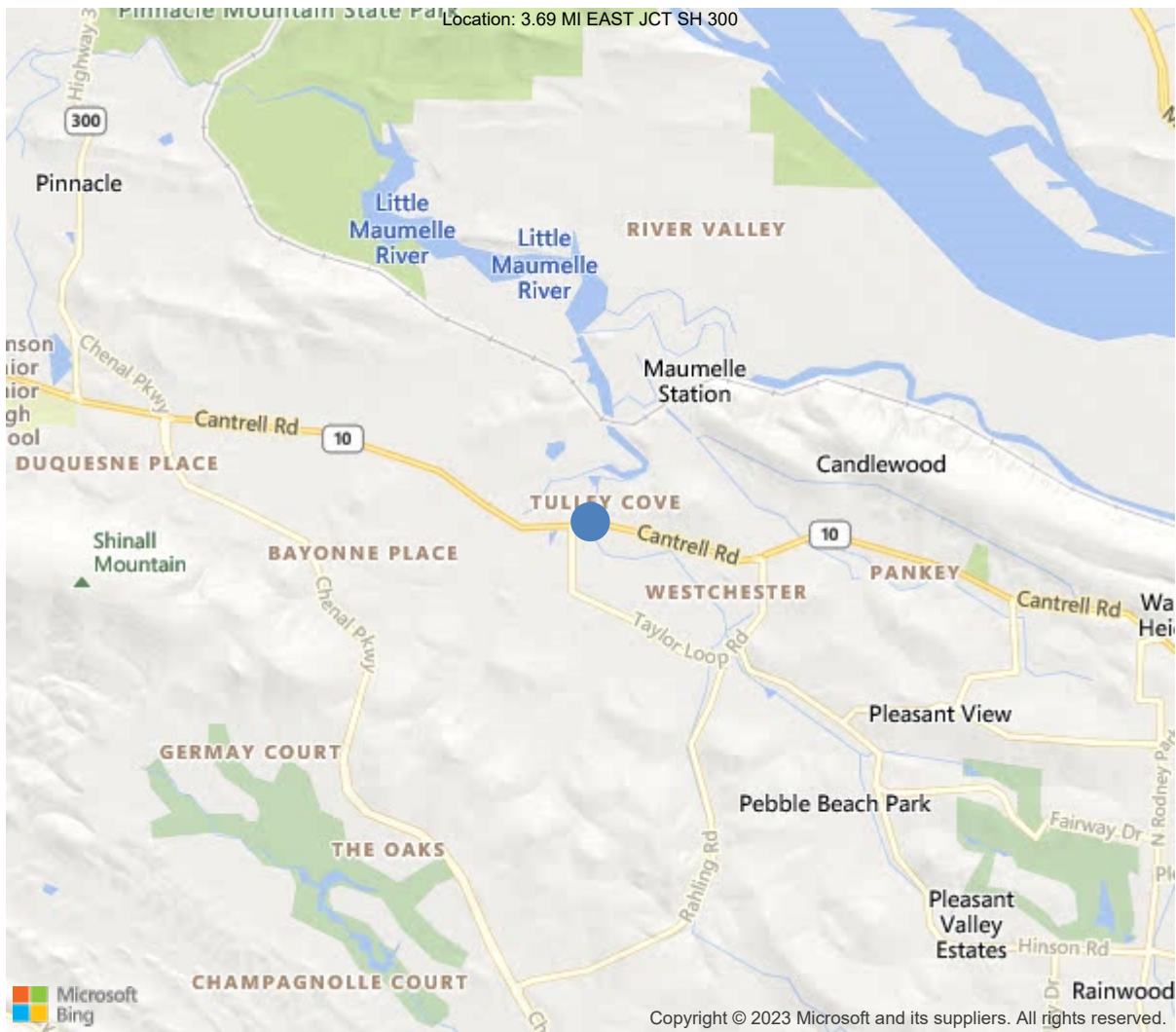
Latitude:34.80346, Longitude:-92.45186

Route:10 Section:08 Log:4.189

Arnold Road ID:60x10x8xA, Arnold Log mile:4.027

District 06, 119 - Pulaski County

Owner: 1 - State Highway Agency



34.80346, -92.45186



Asset #06360(Routine, Underwater type 2)
SH 10 Log 4.19 over So.Ch.Taylor Loop Creek
Location: 3.69 MI EAST JCT SH 300

Team Lead: Bryan Saunders, Inspection Date: 03/08/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	06360
(5) Inventory Route	1
(2) Highway Agency District	06 - District 06
(3) County Code	119 - Pulaski County
(4) Place Code	0
(6) Features Intersected	So.Ch.Taylor Loop Creek
(7) Facility Carried	SH 10 Log 4.19
(9) Location	3.69 MI EAST JCT SH 300
(11) Mile Point	4.189 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000010080
(16) Latitude	34.80346
(17) Longitude	-92.45186
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	14
Material	1 - Concrete
Type	4 - Tee beam
(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	0 - None
AGE AND SERVICE	
(27) Year Built	1991
(106) Year Reconstructed	0
(42) Type of Service	55
On	5 - Highway-pedestrian
Under	5 - Waterway
(28) Lane	
On	5
Under	0
(29) Average Daily Traffic	25387
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	8 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	30 ft
(49) Structure Length	90 ft
(50) Curb or Sidewalk Width	
Left	6 ft
Right	6 ft
(51) Bridge Roadway Width Curb to Curb	58.1 ft
(52) Deck Width Out to Out	73.2 ft
(32) Approach Roadway Width (W/Shoulders)	58.1 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	71.2 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	14 - Urban Other Principal Art
(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	7
(59) Superstructure	7
(60) Substructure	7
(61) Channel & Channel Protection	6
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	5 - MS 18 / HS 20
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1 - Load Factor(LF)
Rating	60
(65) Inventory Rating Method	1 - Load Factor(LF)
(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	7
(68) Deck Geometry	2
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	1 - Inspected feature meets current
(36B) Transitions	0 - Inspected feature does not meet
(36C) Approach Guardrail	0 - Inspected feature does not meet
(36D) Approach Guardrail Ends	0 - Inspected feature does not meet
(113) Scour Critical Bridges	8 - Bridge foundations determined t
PROPOSED IMPROVEMENTS	
(75) Type of Work	31 - Replacement of bridge or
(76) Length of Structure Improvement	116 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 430
(96) Total Project Cost	\$ 994
(97) Year of Improvement Cost Estimate	2002
(114) Future ADT	33700
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	03/08/2022		
(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 **#06360**(Routine, Underwater type 2)

District: 06, **County:** 119 - Pulaski County

Team Lead: Bryan Saunders, **Inspection Date:** 03/08/2022

General Observation

See AHTD drawing #31085 for layout.

Logged east bound.

A-46 - Asset Files

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Location: 3.69 MI EAST JCT SH 300

Team Lead: Bryan Saunders, **Inspection Date:** 03/08/2022

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4
110	Reinforced Concrete Open Girder/Beam	LF	900	900	0	0	0



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Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Elevation



Approach looking east



Deck view



Soffit view



Map cracking in top flange



Deck cracks span 2



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Location: 3.69 MI EAST JCT SH 300

Team Lead: Bryan Saunders, **Inspection Date:** 03/08/2022

Maintenance Needs

Date Reported: 03/22/2016
Priority: C - Important
Type of Work: (Inactive) (Inactive) 9 - None
Status: RepairDocumented
Component:

Deficiency Description

At bent 1 approach roadway has settled.

Remarks

Approach roadway has been repaired



Repaired approach roadway



Settlement at approach roadway at west abutment.



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At bent 1 approach roadway has settled. 03/2020



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Team Lead: Bryan Saunders, **Inspection Date:** 03/08/2022

Date Reported: 03/22/2016
Priority: C - Important
Type of Work: (Inactive) (Inactive) 9 - None
Status: Monitor
Component:

Deficiency Description

Downstream end of channel has build up of aggregation diverting stream flow to both bents 2 and 3.

Remarks



Channel between bents 2 and 3 the thalweg has split.



Downstream end of channel has build up of aggregation diverting stream flow to both bents 2 and 3.



Downstream end of channel has build up of
aggregation diverting stream flow to both bents 2
and 3. 03/2020

Date Reported: 03/09/2022
Priority: C - Important
Type of Work: Repair (General)
Status: Open
Component: Approach

Deficiency Description

guardrail at Northeast end of bridge has damage due to traffic impact

Remarks



Guardrail damage at northeast end of the bridge



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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	

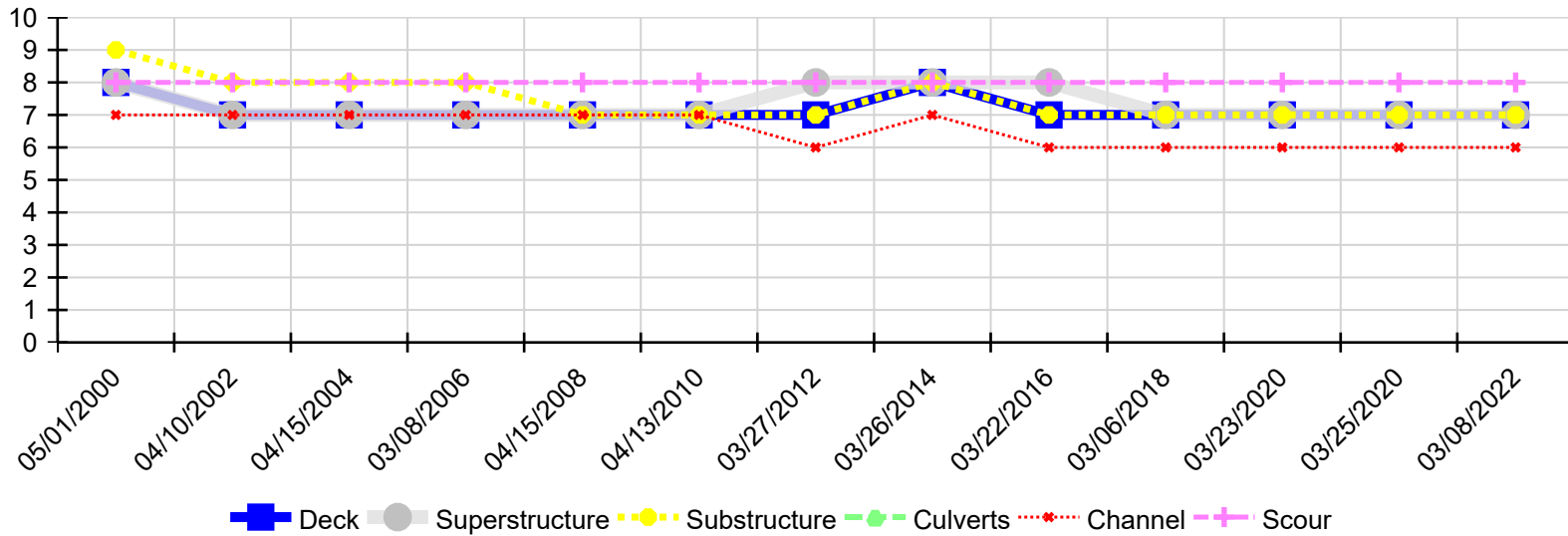


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Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
03/08/2022	7	7	7	N	6	8
03/25/2020	7	7	7	N	6	8
03/23/2020	7	7	7	N	6	8
03/06/2018	7	7	7	N	6	8
03/22/2016	7	8	7	N	6	8
03/26/2014	8	8	8	N	7	8
03/27/2012	7	8	7	N	6	8
04/13/2010	7	7	7	N	7	8
04/15/2008	7	7	7	N	7	8
03/08/2006	7	7	8	N	7	8
04/15/2004	7	7	8	N	7	8
04/10/2002	7	7	8	N	7	8
05/01/2000	8	8	9	N	7	8