



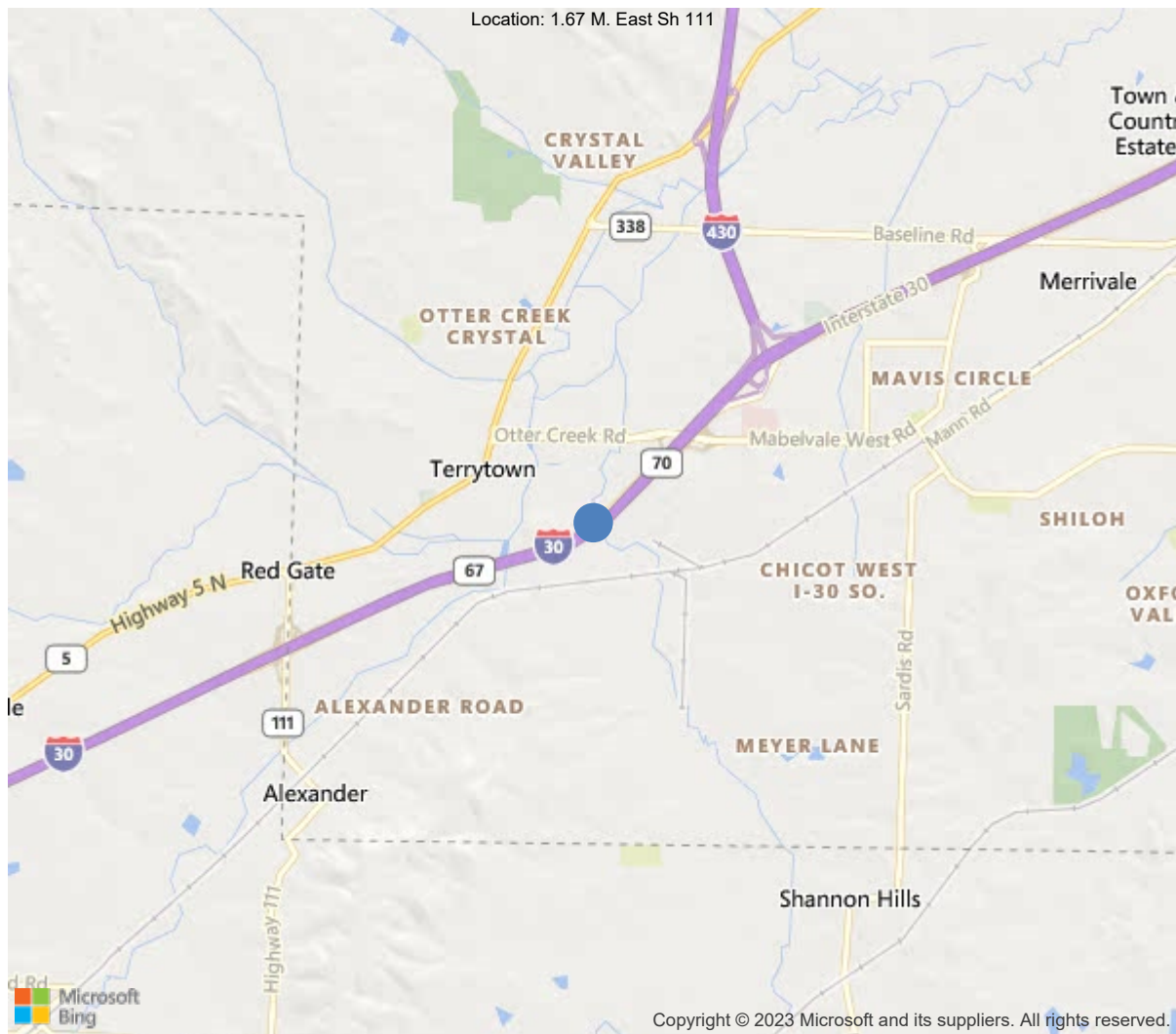
Latitude:34.64968, Longitude:-92.41758

Route:30 Section:23 Log:128.02

Arnold Road ID:60x30x415xA, Arnold Log mile:4.708

District 06, 119 - Pulaski County

Owner: 1 - State Highway Agency



34.64968, -92.41758



Asset #D6357(Routine)

I-30 W.B. Service over Otter Creek

Location: 1.67 M. East Sh 111

Team Lead: Bryan Saunders, Inspection Date: 05/19/2021

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	D6357
(5) Inventory Route	1
(2) Highway Agency District	06 - District 06
(3) County Code	119 - Pulaski County
(4) Place Code	41000
(6) Features Intersected	Otter Creek
(7) Facility Carried	I-30 W.B. Service
(9) Location	1.67 M. East Sh 111
(11) Mile Point	128.02 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000030230
(16) Latitude	34.64968
(17) Longitude	-92.41758
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	42
Material	4 - Steel 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	5
(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	2004
(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	633
(30) Year of ADT	2014
(109) Truck ADT	1 %
(19) Bypass, Detour Length	2 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	30 ft
(49) Structure Length	140 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	32.2 ft
(52) Deck Width Out to Out	35.2 ft
(32) Approach Roadway Width (W/Shoulders)	32.2 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	32.2 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	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	0
(26) Functional Class	11 - Urban Principal Arterial
(100) Defense Highway	0 - The inventory route is not
(101) Parallel Structure	N - No parallel structure exists
(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	8
(59) Superstructure	8
(60) Substructure	8
(61) Channel & Channel Protection	7
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	6 - MS 18+Mod / HS 20+Mod
(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	8
(68) Deck Geometry	2
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	9
(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	5 - 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	2750
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	05/19/2021		
(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 #D6357(Routine)

District: 06, County: 119 - Pulaski County

Team Lead: Bryan Saunders, Inspection Date: 05/19/2021

General Observation

See Job #B60120, A.H.T.D. Drawing #43940 for layout.
Logged East bound

A-46 - Asset Files

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Asset #D6357 (Routine)

I-30 W.B. Service over Otter Creek

Location: 1.67 M. East Sh 111

Team Lead: Bryan Saunders, Inspection Date: 05/19/2021

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	4923	4601	322	0	0
1120	Efflorescence/Rust Staining	SF	42	0	42	0	0
1130	Cracking (RC and Other)	SF	280	0	280	0	0
(12) All spans have scattered cracks up to 0.020". Cracks with efflorescence in the overhangs.							
107	Steel Open Girder/Beam	LF	700	700	0	0	0
515	Steel Protective Coating	SF	3969	0	3969	0	0
3430	Oxide Film Degradation Color/Texture Adherence(Steel Protective Coatings)	LF	3969	0	3969	0	0
(515-107) The protective coating has a granular texture.							
215	Reinforced Concrete Abutment	LF	110	104	6	0	0
1130	Cracking (RC and Other)	LF	6	0	6	0	0
(215) Scattered cracks in the back walls of both abutments							
225	Steel Pile	EA	20	20	0	0	0
515	Steel Protective Coating	SF	410	410	0	0	0
234	Reinforced Concrete Pier Cap	LF	132	132	0	0	0
302	Compression Joint Seal	LF	70	52	18	0	0
2350	Debris Impaction	LF	18	0	18	0	0
311	Movable Bearing	EA	20	14	6	0	0
1000	Corrosion	EA	6	0	6	0	0
(311) Bearings at bents 1 and 6 have corrosion.							
313	Fixed Bearing	EA	10	10	0	0	0
331	Reinforced Concrete Bridge Railing	LF	280	242	38	0	0
1130	Cracking (RC and Other)	LF	38	0	38	0	0

Team Lead: Bryan Saunders, **Inspection Date:** 05/19/2021

Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	4923	4601	322	0	0
1120	Efflorescence/Rust Staining	SF	42	0	42	0	0
1130	Cracking (RC and Other)	SF	280	0	280	0	0
(12) All spans have scattered cracks up to 0.020". Cracks with efflorescence in the overhangs.							

Team Lead: Bryan Saunders, **Inspection Date:** 05/19/2021

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
107	Steel Open Girder/Beam	LF	700	700	0	0	0
515	Steel Protective Coating	SF	3969	0	3969	0	0
3430	Oxide Film Degradation Color/Texture Adherence(Steel Protective Coatings)	LF	3969	0	3969	0	0
(515-107) The protective coating has a granular texture.							



Asset #D6357(Routine)

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Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4
215	Reinforced Concrete Abutment	LF	110	104	6	0	0
1130	Cracking (RC and Other)	LF	6	0	6	0	0
(215) Scattered cracks in the back walls of both abutments							
225	Steel Pile	EA	20	20	0	0	0
515	Steel Protective Coating	SF	410	410	0	0	0
234	Reinforced Concrete Pier Cap	LF	132	132	0	0	0



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Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Elevation



Approach



Deck overview



Typical soffit



Span 5 longitudinal crack



Span 2 longitudinal crack



Bent 1, bearing 1.

Maintenance Needs

Date Reported: 05/24/2021
Priority: D- Routine
Type of Work: (Inactive) (Inactive) 1 - Clean
Status: Open
Component: Channel

Deficiency Description

Small trees and bushes growing next to and under the bridge.

Remarks



Spans 3-5, vegetation



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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	



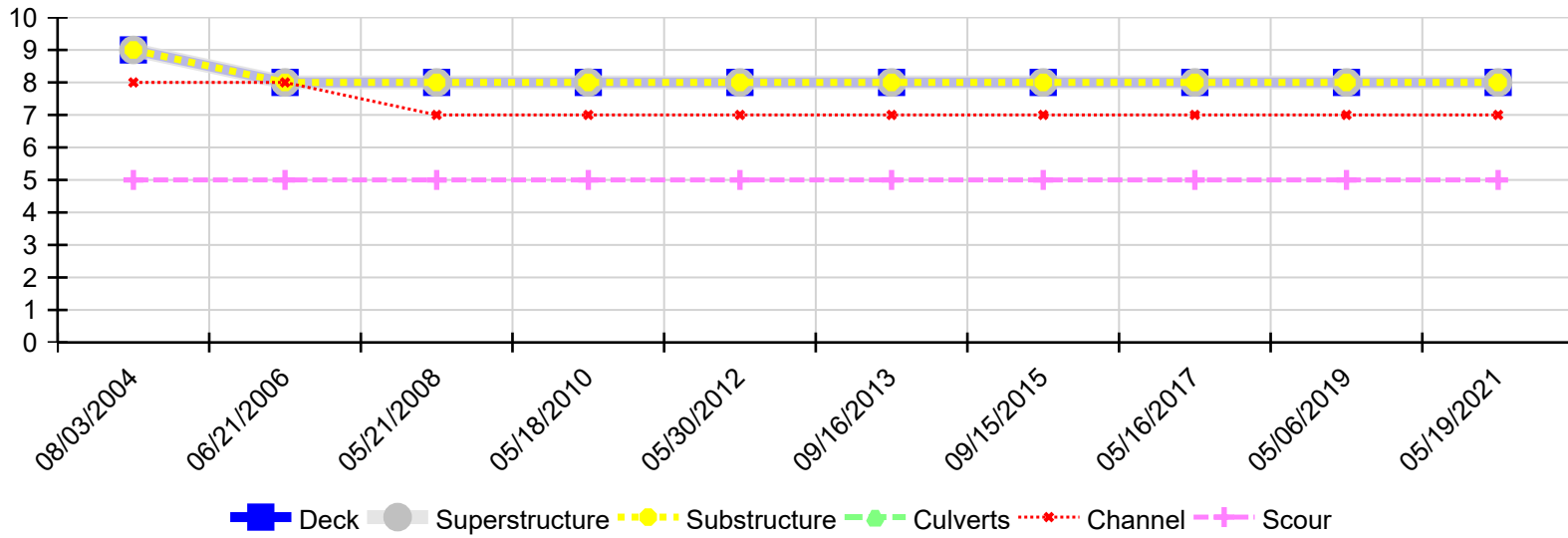
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I-30 W.B. Service over Otter Creek

Location: 1.67 M. East Sh 111

Team Lead: Bryan Saunders, Inspection Date: 05/19/2021

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
05/19/2021	8	8	8	N	7	5
05/06/2019	8	8	8	N	7	5
05/16/2017	8	8	8	N	7	5
09/15/2015	8	8	8	N	7	5
09/16/2013	8	8	8	N	7	5
05/30/2012	8	8	8	N	7	5
05/18/2010	8	8	8	N	7	5
05/21/2008	8	8	8	N	7	5
06/21/2006	8	8	8	N	8	5
08/03/2004	9	9	9	N	8	5