



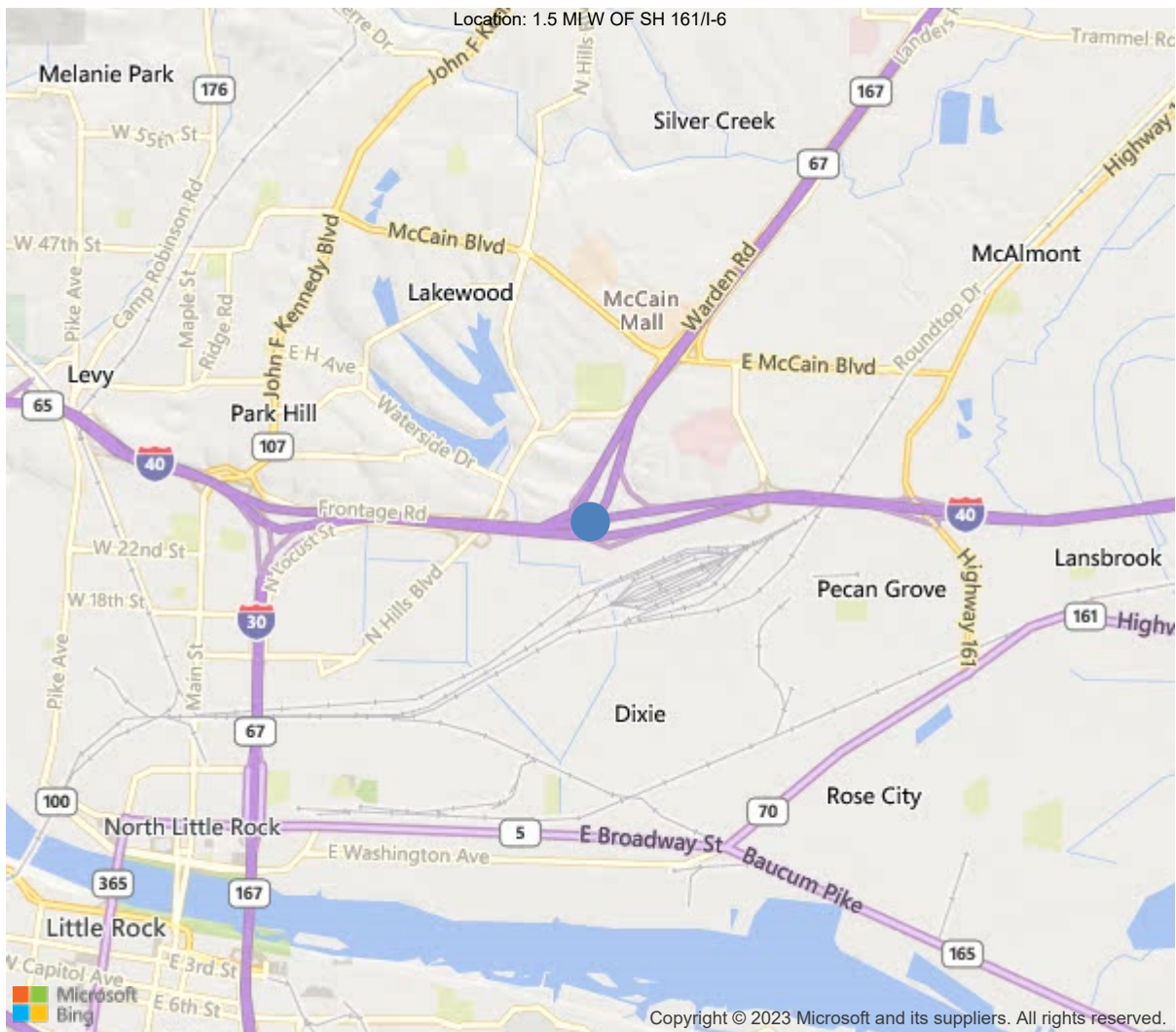
Latitude:34.77785, Longitude:-92.23245

Route:67 Section:10 Log:0.22

Arnold Road ID:60x67x10xA, Arnold Log mile:0.231

District 06, 119 - Pulaski County

Owner: 1 - State Highway Agency



34.77785, -92.23245



Asset #03158(Routine)

US 67-SEC 10 NB over I40-SEC 33 LOG 154.85

Location: 1.5 MI W OF SH 161/I-6

Team Lead: Chris Doggett, Inspection Date: 07/26/2021

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	03158
(5) Inventory Route	1
(2) Highway Agency District	06 - District 06
(3) County Code	119 - Pulaski County
(4) Place Code	50450
(6) Features Intersected	I40-SEC 33 LOG 154.85
(7) Facility Carried	US 67-SEC 10 NB
(9) Location	1.5 MI W OF SH 161/I-6
(11) Mile Point	0.22 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000067100
(16) Latitude	34.77785
(17) Longitude	-92.23245
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	32
Material	3 - Steel
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	0 - None
AGE AND SERVICE	
(27) Year Built	1962
(106) Year Reconstructed	1988
(42) Type of Service	61
On	6 - Overpass structure at an interchange or s
Under	1 - Highway, with or without pedestrian
(28) Lane	
On	2
Under	2
(29) Average Daily Traffic	82000
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	80 ft
(49) Structure Length	303 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	43 ft
(52) Deck Width Out to Out	45.6 ft
(32) Approach Roadway Width (W/Shoulders)	42 ft
(33) Bridge Median	0 - No median
(34) Skew	48 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	43.6 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	17.5 ft
Ref:	
(55) Min Lat Underclear RT	9.8 ft
Ref:	
(56) Min Lat Underclear LT	5.5 ft
NAVIGATION DATA	
(38) Navigation Control	N - Not applicable, no waterwa
(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	12 - Urban Principal Arterial
(100) Defense Highway	2 - The inventory route is on
(101) Parallel Structure	N - No parallel structure exis
(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	7
(59) Superstructure	7
(60) Substructure	6
(61) Channel & Channel Protection	N
(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	6
(68) Deck Geometry	9
(69) Clearances, Vertical/Horizontal	4
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	1 - Inspected feature meets current
(36B) Transitions	0 - Inspected feature does not meet
(36C) Approach Guardrail	1 - Inspected feature meets current
(36D) Approach Guardrail Ends	1 - Inspected feature meets current
(113) Scour Critical Bridges	N - Bridge not over waterway.
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	94620
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	07/26/2021		
(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 #03158(Routine)

District: 06, County: 119 - Pulaski County

Team Lead: Chris Doggett, Inspection Date: 07/26/2021

General Observation (False)

AHTD Job 6628 layout 9773

logged going north.

7/26/2021 A wearing surface has been placed throughout the entire deck surface.

A-46 - Asset Files

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ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	13741	13576	165	0	0
1120	Efflorescence/Rust Staining	SF	165	0	165	0	0
510	Wearing Surfaces	SF	13741	13741	0	0	0
(12) Longitudinal and transverse unsealed deck cracks, all spans. max 0.050 Soffit-Cracks with efflorescence in bay 3. A wearing surface has been placed throughout the entire deck surface. (510-12) Wearing surface added prior to 2021 inspection							
107	Steel Open Girder/Beam	LF	2100	1910	162	28	0
1000	Corrosion	LF	190	0	162	28	0
515	Steel Protective Coating	SF	18658	0	18592	10	56
3410	Chalking (Steel Protective Coatings)	LF	18392	0	18392	0	0
3420	Peeling/Bubbling/Cracking	LF	200	0	200	0	0
3440	Effectiveness (Steel Protective Coatings)	LF	66	0	0	10	56
(107) Beam ends have scattered areas of active rust with pitting in the upper web at haunch area. All beams have areas of freckling rust.							
205	Reinforced Concrete Column	EA	16	16	0	0	0
215	Reinforced Concrete Abutment	LF	162	150	12	0	0
1130	Cracking (RC and Other)	LF	12	0	12	0	0
(215) Bent 1 has scattered cracks in the original section. Bent 6 has some scattered cracks.							
234	Reinforced Concrete Pier Cap	LF	271	232	35	4	0
1080	Delamination/Spall/Patched Area	LF	6	0	4	2	0
1090	Exposed Rebar	LF	2	0	0	2	0
1130	Cracking (RC and Other)	LF	31	0	31	0	0
(234) Bent 3 has a spall with exposed rebar on the back face and areas of delaminations on the ahead side. Bent 4 spall with exposed rebar, on the bottom between cols. 1&2. Bents 3, 4 and 5 have map cracking.							
301	Pourable Joint Seal	LF	130	130	0	0	0
(301) All joint seals have been replaced. 2021							
302	Compression Joint Seal	LF	195	195	0	0	0
(302) The seal at bent 3 has lost bond and dropped. All of the seals leak. All joints as of 7/26/2021 have been replaced with pourable joint seals.							
311	Movable Bearing	EA	35	35	0	0	0
(311) All bearings have surface rust.							



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ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
313	Fixed Bearing	EA	35	35	0	0	0
(313) All bearings have surface rust.							
321	Reinforced Concrete Approach Slab	SF	1680	1678	2	0	0
1130	Cracking (RC and Other)	SF	2	0	2	0	0
(321) South approach has crack in right lane at edge of joint.							
331	Reinforced Concrete Bridge Railing	LF	606	606	0	0	0

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	13741	13576	165	0	0
1120	Efflorescence/Rust Staining	SF	165	0	165	0	0
510	Wearing Surfaces	SF	13741	13741	0	0	0
(12) Longitudinal and transverse unsealed deck cracks, all spans. max 0.050 Soffit-Cracks with efflorescence in bay 3. A wearing surface has been placed throughout the entire deck surface. (510-12) Wearing surface added prior to 2021 inspection							

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
107	Steel Open Girder/Beam	LF	2100	1910	162	28	0
1000	Corrosion	LF	190	0	162	28	0
515	Steel Protective Coating	SF	18658	0	18592	10	56
3410	Chalking (Steel Protective Coatings)	LF	18392	0	18392	0	0
3420	Peeling/Bubbling/Cracking	LF	200	0	200	0	0
3440	Effectiveness (Steel Protective Coatings)	LF	66	0	0	10	56
(107) Beam ends have scattered areas of active rust with pitting in the upper web at haunch area. All beams have areas of freckling rust.							

Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
205	Reinforced Concrete Column	EA	16	16	0	0	0
215	Reinforced Concrete Abutment	LF	162	150	12	0	0
1130	Cracking (RC and Other)	LF	12	0	12	0	0
(215) Bent 1 has scattered cracks in the original section. Bent 6 has some scattered cracks.							
234	Reinforced Concrete Pier Cap	LF	271	232	35	4	0
1080	Delamination/Spall/Patched Area	LF	6	0	4	2	0
1090	Exposed Rebar	LF	2	0	0	2	0
1130	Cracking (RC and Other)	LF	31	0	31	0	0
(234) Bent 3 has a spall with exposed rebar on the back face and areas of delaminations on the ahead side. Bent 4 spall with exposed rebar, on the bottom between cols. 1&2. Bents 3, 4 and 5 have map cracking.							



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Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Elevation



Bent 1: backwall with map cracking between girders 3&4.



Span 3: soffit view



Bent 4 cap: bottom of cap between columns 1&2 has spall with exposed rebar



Deck view



Inventory looking north



Entire deck surface has had a wearing surface added to it since last inspection



Joint seals have been replaced. 2021



Joint seals have been replaced. 2021

Maintenance Needs

Date Reported: 07/14/2015
Priority: D- Routine
Type of Work: (Inactive) (Inactive) 9 - None
Status: Monitor
Component:

Deficiency Description

Bent 2 span 2 on beam 6 has a broken bearing bolt.

Remarks



Bent 2 span 2 on beam 6 has a broken bearing bolt.

Date Reported: 07/14/2015
Priority: D- Routine
Type of Work: (Inactive) (Inactive) 9 - None
Status: RepairDocumented
Component: Element

Deficiency Description

Joint seal at bents 3 and 6 have lost bond allowing dirt to accumulate on abutment and bearings.

Remarks

Joint seals have been replaced. 2021



Bent 3 joint seal has lost bond allowing dirt and debris to accumulate. Common bent 6.



Joint seals have been replaced. 2021

Date Reported: 07/25/2019
Priority: C - Important
Type of Work: Repair (General)
Status: Open
Component: Approach

Deficiency Description

Right rail and end treatment has been damaged due to traffic accident.
Left approach rail and end treatment has been damaged due to traffic accident

Remarks

Assigned to Pulaski I 5/24/21.



Left approach guard rail damaged due to traffic impact.

Date Reported: 07/26/2021
Priority: (Inactive) (Inactive) G - General/ Preventive maintenance
Type of Work: (Inactive) (Inactive) 1 - Clean
Status: Open
Component: Deck

Deficiency Description

Right shoulder with large amount of debris

Remarks



Right shoulder with large amount of debris



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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	



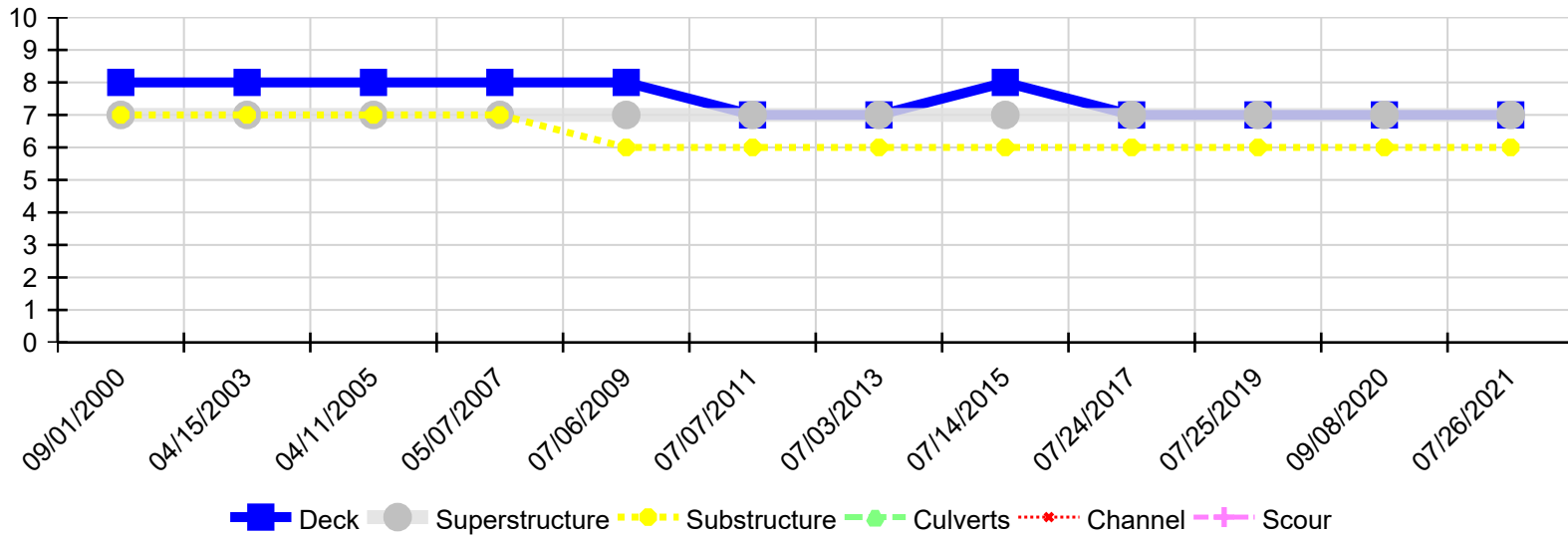
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Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
07/26/2021	7	7	6	N	N	N
09/08/2020	7	7	6	N	N	N
07/25/2019	7	7	6	N	N	N
07/24/2017	7	7	6	N	N	N
07/14/2015	8	7	6	N	N	N
07/03/2013	7	7	6	N	N	N
07/07/2011	7	7	6	N	N	N
07/06/2009	8	7	6	N	N	N
05/07/2007	8	7	7	N	N	N
04/11/2005	8	7	7	N	N	N
04/15/2003	8	7	7	N	N	N
09/01/2000	8	7	7	N	N	N