



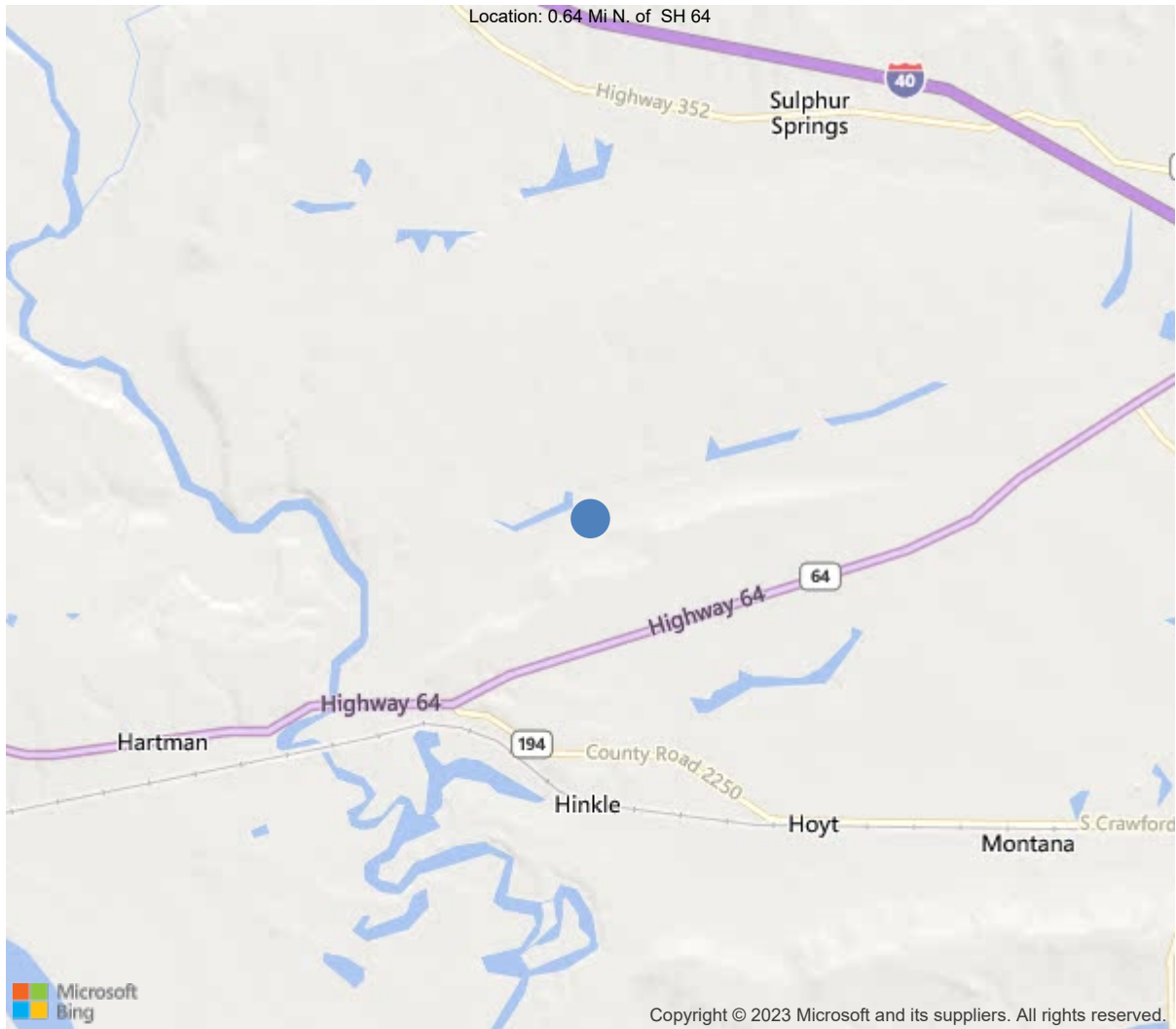
Latitude:35.44817, Longitude:-93.58331

Route:16 Section:00 Log:0.64

Arnold Road ID:36xCOUNTY2243RDx1xA, Arnold Log mile:0.636

District 08, 71 - Johnson County

Owner: 2 - County Highway Agency



35.44817, -93.58331



Asset #14351(Routine)

CR16/Local 2243 over Slough Creek

Location: 0.64 Mi N. of SH 64

Team Lead: Kevin Milligan, Inspection Date: 02/15/2023

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	14351
(5) Inventory Route	1
(2) Highway Agency District	08 - District 08
(3) County Code	71 - Johnson County
(4) Place Code	0
(6) Features Intersected	Slough Creek
(7) Facility Carried	CR16/Local 2243
(9) Location	0.64 Mi N. of SH 64
(11) Mile Point	0.64 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	35.44817
(17) Longitude	-93.58331
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	11
Material	1 - Concrete
Type	1 - Slab
(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	1 - Concrete Cast-in-Place
(108) Wearing Surface/Protective System	
Type of Wearing Surface	6 - Bituminous
Type of Membrane	0 - None
Type of Deck Protection	0 - None
AGE AND SERVICE	
(27) Year Built	1939
(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	328
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	3 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	12 ft
(49) Structure Length	24 ft
(50) Curb or Sidewalk Width	
Left	0.8 ft
Right	0.8 ft
(51) Bridge Roadway Width Curb to Curb	24 ft
(52) Deck Width Out to Out	25.8 ft
(32) Approach Roadway Width (W/Shoulders)	24 ft
(33) Bridge Median	0 - No median
(34) Skew	15 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	24 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	8 - Rural Minor Collector
(100) Defense Highway	0 - The inventory route is not
(101) Parallel Structure	N - No parallel structure exists
(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 structure
(21) Maintain	2 - County Highway Agency
(22) Owner	2 - County Highway Agency
(37) Historical Significance	2 - Bridge is eligible for the
CONDITION	
(58) Deck	6
(59) Superstructure	6
(60) Substructure	6
(61) Channel & Channel Protection	7
(62) Culverts	N
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	27
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	17
(70) Bridge Posting	5 - Equal to or above legal loads
(41) Structure Open/Posted/Closed	A - Open, no restriction
APPRAISAL	
(67) Structural Evaluation	4
(68) Deck Geometry	5
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	7
(72) Approach Roadway Alignment	6
(36A) Bridge Railings	0 - Inspected feature does not meet
(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	5 - Bridge foundations determined to
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	230
(115) Year of Future ADT	2007

INSPECTIONS *			
(90) Inspection Date	02/15/2023		
(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.			



58 - Deck (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Wearing surface looks good

Both curbs have a few moderate cracks.

Span #2 has some minor honeycomb in the soffit area.

Span #2 right side at abutment #3 there are some moderate spalls with exposed rebar in the soffit area.

59 - Superstructure (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Vertical cracks in the side of the slab over pier #2 on both sides of the bridge.

60 - Substructure (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Abutment #1 has several minor to moderate cracks in the mortar joints in a few areas.

Abutment #1 left side wing has a few masonry stones broken loose.

Pier #2 right end has a missing masonry stone from the top of the pier.

Abutment #3 has a few minor to moderate cracks in mortar joints in places throughout.

61 - Channel/Channel Protection (7 - Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift.)
GRAVEL & ROCK - NO SCOUR.

A-46 - Asset Files

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A-55 - Deck Washing Needed (Y)

Dirt, leaves and debris are covering the deck drains.



Team Lead: Kevin Milligan, Inspection Date: 02/15/2023

Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4

58 - Deck (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Comment: Wearing surface looks good
Both curbs have a few moderate cracks.
Span #2 has some minor honeycomb in the soffit area.
Span #2 right side at abutment #3 there are some moderate spalls with exposed rebar in the soffit area.



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Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4

59 - Superstructure (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Comment: Vertical cracks in the side of the slab over pier #2 on both sides of the bridge.



Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4

60 - Substructure (6 - SATISFACTORY CONDITION - structural elements show some minor deterioration.)

Comment: Abutment #1 has several minor to moderate cracks in the mortar joints in a few areas.

Abutment #1 left side wing has a few masonry stones broken loose.

Pier #2 right end has a missing masonry stone from the top of the pier.

Abutment #3 has a few minor to moderate cracks in mortar joints in places throughout.

61 - Channel/Channel Protection (7 - Bank protection is in need of minor repairs. River control devices and embankment protection have a little minor damage. Banks and/or channel have minor amounts of drift.)

Comment: GRAVEL & ROCK - NO SCOUR.



Asset #14351(Routine)
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Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Elevation



Inventory



Span #2 has some minor honeycomb in the soffit area.



Span #2 right side at abutment #3 has some moderate spalls with exposed rebar in the soffit area.



Wearing surface looks good



Both curbs have a few minor to moderate cracks in places.



Dirt, leaves and debris are covering the deck drains.



Vertical cracks in the side of the slab over pier #2 on both sides of the bridge.



Abu#1 left side wing has a few masonry stones broken loose.



Pier #2 right end has a missing masonry stone from the top of the pier.



Abutment #3 has a few minor to moderate cracks in mortar joints in places throughout.



Abutment #1 has several minor to moderate cracks in the mortar joints in a few areas.



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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	Yes
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	



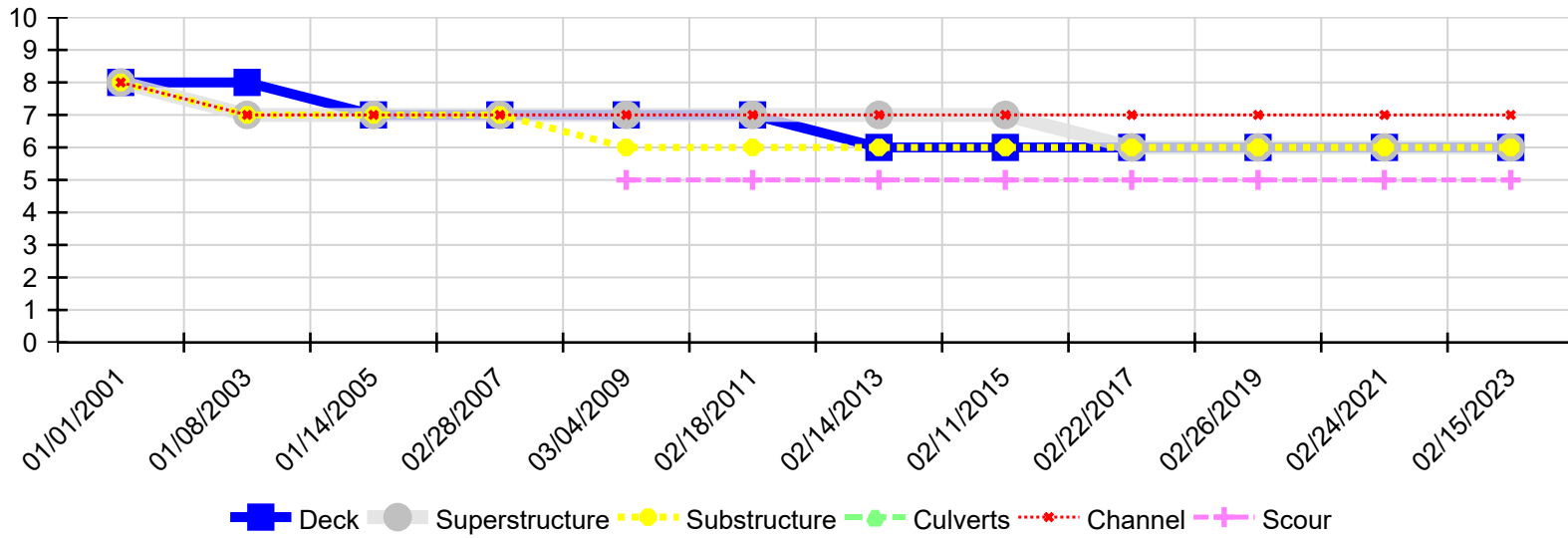
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Location: 0.64 Mi N. of SH 64

Team Lead: Kevin Milligan, Inspection Date: 02/15/2023

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
02/15/2023	6	6	6	N	7	5
02/24/2021	6	6	6	N	7	5
02/26/2019	6	6	6	N	7	5
02/22/2017	6	6	6	N	7	5
02/11/2015	6	7	6	N	7	5
02/14/2013	6	7	6	N	7	5
02/18/2011	7	7	6	N	7	5
03/04/2009	7	7	6	N	7	5
02/28/2007	7	7	7	N	7	N
01/14/2005	7	7	7	N	7	N
01/08/2003	8	7	7	N	7	N
01/01/2001	8	8	8	N	8	N