



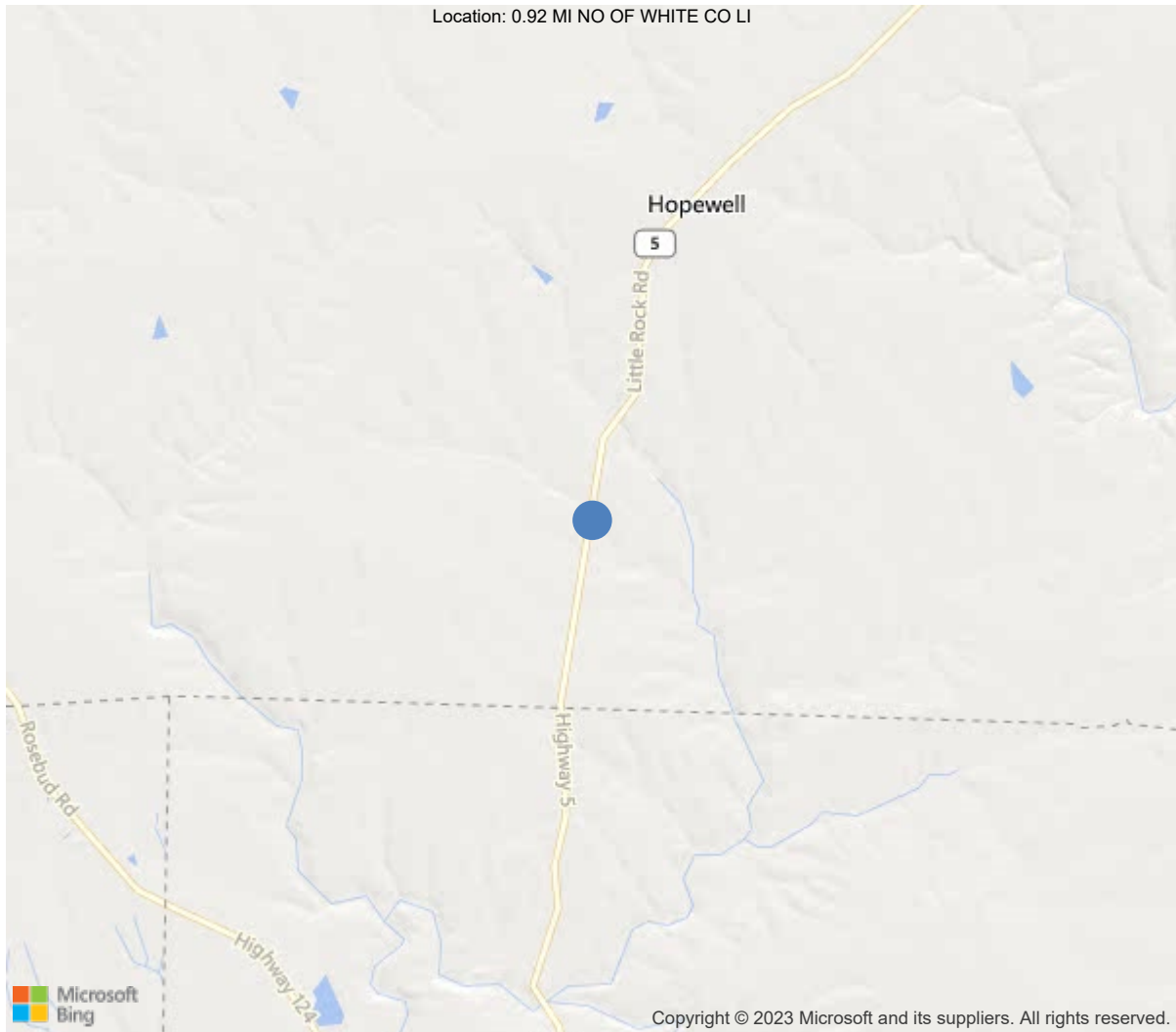
Latitude:35.37519, Longitude:-92.07431

Route:5 Section:15 Log:0.92

Arnold Road ID:12x5x15xA, Arnold Log mile:0.928

District 05, 23 - Cleburne County

Owner: 1 - State Highway Agency



35.37519, -92.07431



Asset #M0147(Routine)

SH 5/Cleburne Co. over WATERWAY

Location: 0.92 MI NO OF WHITE CO LI

Team Lead: Kerry Little, Inspection Date: 05/31/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	M0147
(5) Inventory Route	1
(2) Highway Agency District	05 - District 05
(3) County Code	23 - Cleburne County
(4) Place Code	0
(6) Features Intersected	WATERWAY
(7) Facility Carried	SH 5/Cleburne Co.
(9) Location	0.92 MI NO OF WHITE CO LI
(11) Mile Point	0.92 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000005150
(16) Latitude	35.375187
(17) Longitude	-92.07431
(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	3
(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	1935
(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	3900
(30) Year of ADT	2018
(109) Truck ADT	18 %
(19) Bypass, Detour Length	14 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	11 ft
(49) Structure Length	32 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)	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	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	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	0
(26) Functional Class	6 - Rural Minor Arterial
(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	N
(59) Superstructure	N
(60) Substructure	N
(61) Channel & Channel Protection	6
(62) Culverts	7
LOAD RATING AND POSTING	
(31) Design Load	2 - M 13.5 / H 15
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1 - Load Factor(LF)
Rating	44
(65) Inventory Rating Method	1 - Load Factor(LF)
(66) Inventory Rating	
Type	
Rating	26
(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	N
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	6
(72) Approach Roadway Alignment	7
(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	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	5166
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	05/31/2022		
(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 #M0147(Routine)

District: 05, County: 23 - Cleburne County

Team Lead: Kerry Little, Inspection Date: 05/31/2022

General Observation

Elevation with Log Mile running to the Right.

A-46 - Asset Files

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A-51 - Inspection Direction (2 - S to N)

Roadway with Log Mile running South to North.

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
241	Reinforced Concrete Culvert	LF	99	3	15	81	0
1090	Exposed Rebar	LF	6	0	6	0	0
1130	Cracking (RC and Other)	LF	9	0	9	0	0
1190	Abrasion/Wear (PSC/RC)	LF	81	0	0	81	0
(241) Heavy scaling to bottom of wall at Abutment 1. Heavy scaling to floor at Barrel 2. Minor debris in all barrels. Minor scour to Right end of Barrels 2 & 3. (on solid rock) Light to moderate scaling to wall at Abutment 2. Large spall to Right wing @ Abutment 2. Spall with 8" of exposed rebar to left end of Barrel 1. Spall with 5' of exposed rebar to floor of Barrel 2(covered with sediment at time of this inspection). Minor vertical cracks to barrels 1 - 3.							



Asset #M0147(Routine)

SH 5/Cleburne Co. over WATERWAY

Location: 0.92 MI NO OF WHITE CO LI

Team Lead: Kerry Little, Inspection Date: 05/31/2022

Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
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Asset #M0147(Routine)

SH 5/Cleburne Co. over WATERWAY

Location: 0.92 MI NO OF WHITE CO LI

Team Lead: Kerry Little, Inspection Date: 05/31/2022

Superstructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



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Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
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Culvert

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Elevation with log mile going right.



Roadway with log mile looking north.



Typical abrasion to bottom of walls @ all barrels.

Maintenance Needs

Date Reported: 06/12/2020

Priority: D- Routine

Type of Work: Replace (General)

Status: Assigned

Component: Approach

Deficiency Description

Log Mile sign is missing @ Abutment 1. Should read 0.92.
Repaired.

Remarks

Has been repaired since last insp.



Log Mile sign is missing @ Abutment 1. Should read 0.92.



Log Mile sign is missing @ Abutment 1. Should read 0.92.
Repaired.



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SH 5/Cleburne Co. over WATERWAY

Location: 0.92 MI NO OF WHITE CO LI

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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	
A-63 Missing/Incorrect Log Mile Signage	
A-64 - Vegetation Removal Requested	



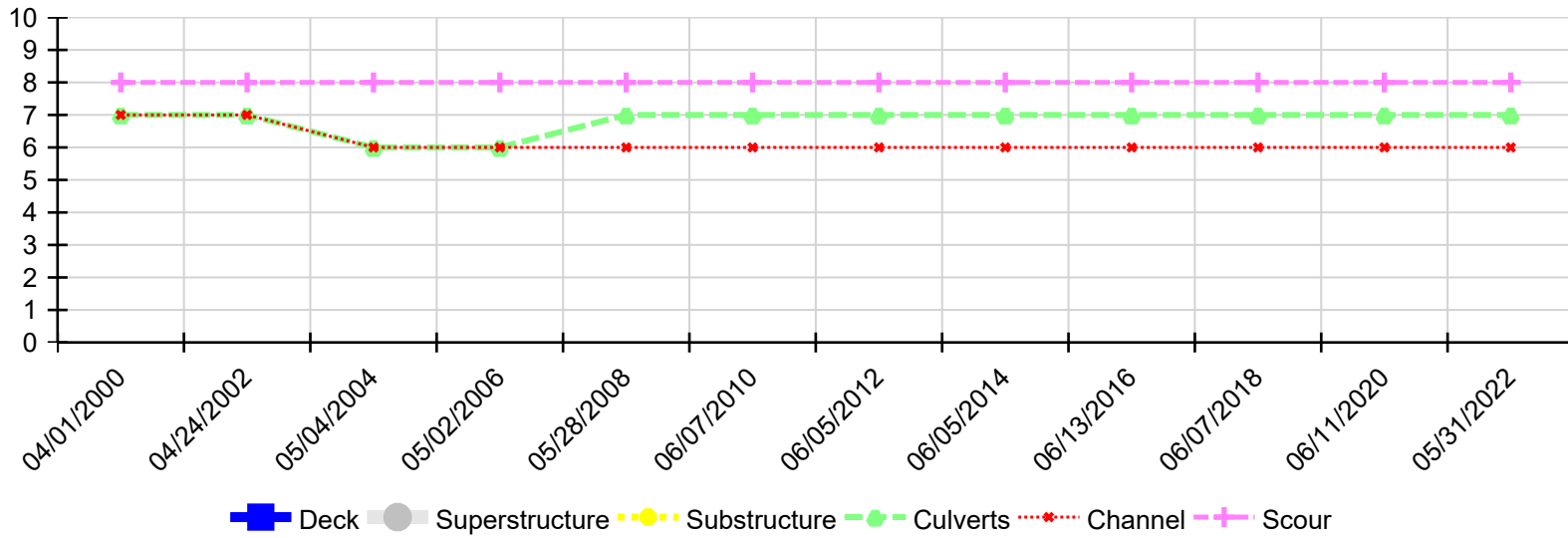
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Team Lead: Kerry Little, Inspection Date: 05/31/2022

Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
05/31/2022	N	N	N	7	6	8
06/11/2020	N	N	N	7	6	8
06/07/2018	N	N	N	7	6	8
06/13/2016	N	N	N	7	6	8
06/05/2014	N	N	N	7	6	8
06/05/2012	N	N	N	7	6	8
06/07/2010	N	N	N	7	6	8
05/28/2008	N	N	N	7	6	8
05/02/2006	N	N	N	6	6	8
05/04/2004	N	N	N	6	6	8
04/24/2002	N	N	N	7	7	8
04/01/2000	N	N	N	7	7	8