



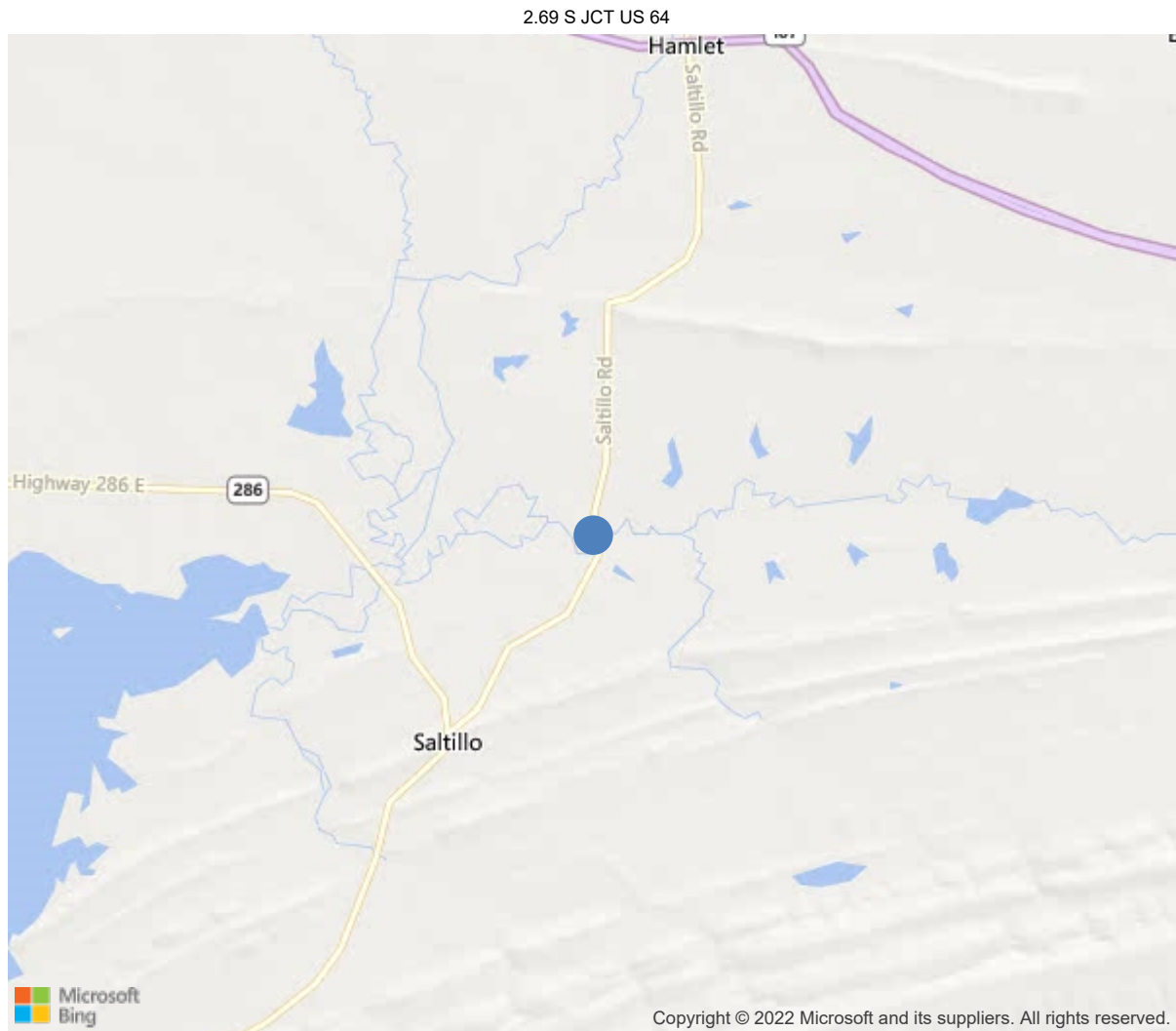
Latitude:35.04236, Longitude:-92.31361

Route:51 Section:00 Log:2.689

Arnold Road ID:23xSALTILLORDx1xA, Arnold Log mile:2.712

District 08, Faulkner County

Owner: 2-County Highway Agency



35.04236, -92.31361



Bridge #04911(Routine, Underwater type 2)

Salttillo Road over LITTLE CYPRESS

Location: 2.69 S JCT US 64

Team Lead: Kevin Milligan Inspection Date: January 13, 2021

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	04911
(5) Inventory Route	51
(2) Highway Agency District	08
(3) County Code	45-Faulkner County, Arkansas
(4) Place Code	0
(6) Features Intersected	LITTLE CYPRESS
(7) Facility Carried	Salttillo Road
(9) Location	2.69 S JCT US 64
(11) Mile Point	2.689 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	35.04236111111111
(17) Longitude	-92.31361111111111
(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	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 placed
Type of Membrane	0-None
Type of Deck Protection	0-None
AGE AND SERVICE	
(27) Year Built	2010
(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	1300
(30) Year of ADT	2009
(109) Truck ADT	6 %
(19) Bypass, Detour Length	5 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	56 ft
(49) Structure Length	162 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	31.5 ft
(52) Deck Width Out to Out	33.2 ft
(32) Approach Roadway Width (W/Shoulders)	21.9 ft
(33) Bridge Median	0-No median
(34) Skew	15 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	29.9 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 water
(111) Pier Protection	1-Navigation protection not requ
(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	7-Rural Major Collector
(100) Defense Highway	0-The inventory route is not a S
(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 part of
(20) Toll	3-On free road. The structure is toll-
(21) Maintain	2-County Highway Agency
(22) Owner	2-County Highway Agency
(37) Historical Significance	4-Historical significance is not dete
CONDITION	
(58) Deck	8
(59) Superstructure	8
(60) Substructure	7
(61) Channel & Channel Protection	8
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	A-HL93
(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	3
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	5
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	1-Inspected feature meets currently a
(36B) Transitions	1-Inspected feature meets currently a
(36C) Approach Guardrail	1-Inspected feature meets currently a
(36D) Approach Guardrail Ends	1-Inspected feature meets currently a
(113) Scour Critical Bridges	8-Bridge foundations determined to be
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	1700
(115) Year of Future ADT	2029

INSPECTIONS *			
(90) Inspection Date			01/2021
(91) Frequency			24 Months
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection	No		
* 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.			



Inventory



Bent 1 pourable joint has 6' of holes.



Concrete bridge rail has vertical cracks scattered throughout.



Overhangs have cracks with efflorescence.



Typical condition of superstructure.



Top of back wall at bent 1 has cracks.



Bent 4 top of back wall has 6 cracks.



Bent 4 has cracks with efflorescence.



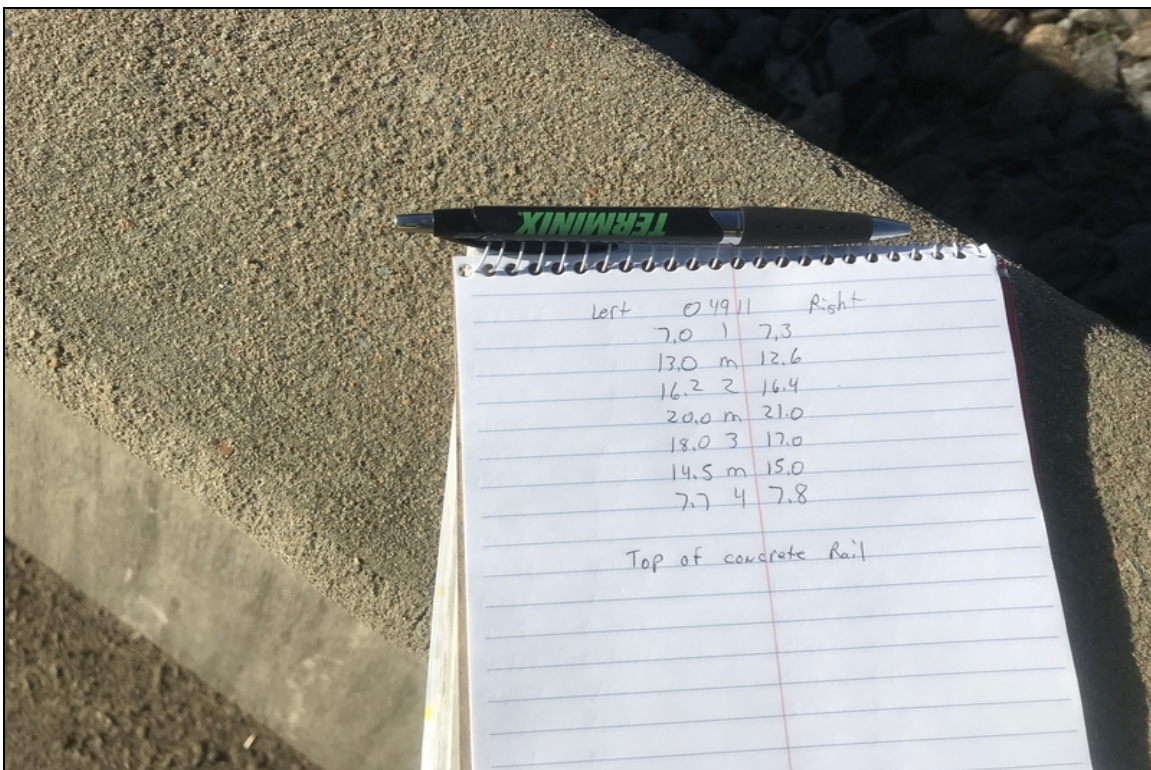
Bent 3 both columns have minor local scour.



Bent 1 has cracks with efflorescence.



Bent 2 both columns have minor scour.



Channel profile measurements.



Bridge #04911(Routine, Underwater type 2)

Saltillo Road over LITTLE CYPRESS

Location: 2.69 S JCT US 64

Team Lead: Kevin Milligan **Inspection Date:** January 13, 2021

Inspection Comments

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Deck Notes

KRM & MLM 1/13/2021 Deck is in good shape, overhangs have a few cracks with efflorescence. Pourable joint at bent 1 has approximately 6" holes. Concrete bridge rail has vertical cracks scattered throughout structure.

DECK - MINOR CRACKING W / EFFLOR IN EDGES OF DECK & OVERHANGS. RAIL - MINOR VERTICAL CRACKING.

Superstructure Notes

KRM & MLM 1/13/2021 No notable defects at this inspection.

4 BEAM WX STEEL MULTI BEAM - GOODBEARINGS - GOOD

Substructure Notes

KRM & MLM 1/13/2021 Both abutments have vertical cracks with efflorescence, top of both back walls have cracks.

Underwater Type II/Channel Profile was conducted this date, minor local scour was noted around both columns at bents 2 and 3. Measurements were taken with a weighted tape from the top of concrete rail.

ABUTMENTS - MINOR VERTICAL CRACKING W / EFFLOR IN BACK WALLS.COLUMNS - GOODCAPS - GOODCHANNEL:
CLAY - MINOR SCOUR AT PIER 3.