



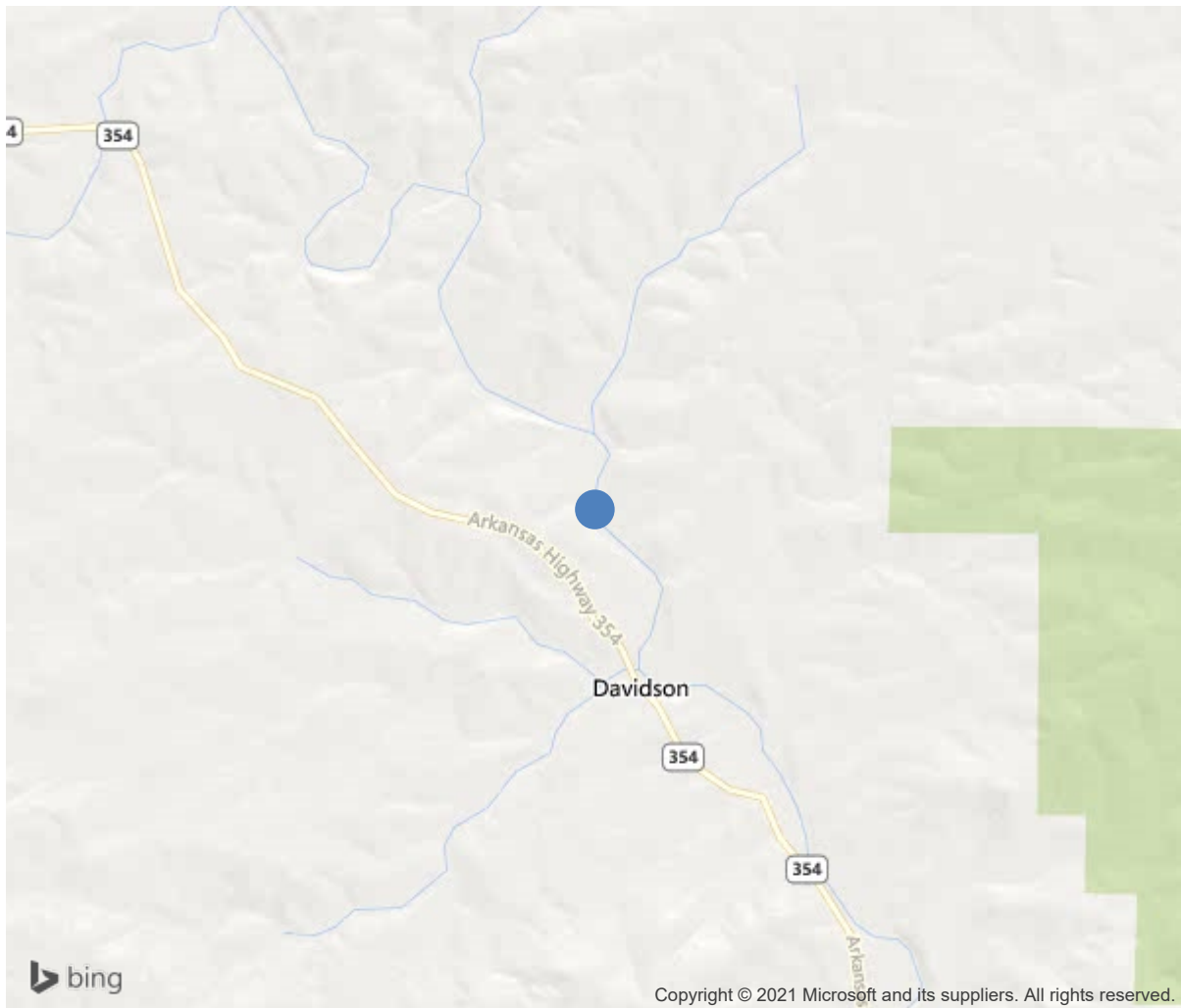
**Bridge #04791** (Routine)

**CR 49/Sharp County over N BIG CREEK**

**Location: .5 MI N OR SH354 & CR49**

**Team Lead:** Kerry Little **Inspection Date:** April 16, 2019

.5 MI N OR SH354 & CR49



36.19537, -91.53800



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**Team Lead: Kerry Little Inspection Date: April 16, 2019**

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	04791
(5) Inventory Route	49
(2) Highway Agency District	05
(3) County Code	135-Sharp County, Arkansas
(4) Place Code	0
(6) Features Intersected	N BIG CREEK
(7) Facility Carried	CR 49/Sharp County
(9) Location	.5 MI N OR SH354 & CR49
(11) Mile Point	0.5 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	36.1953714806004
(17) Longitude	-91.5379991557503
(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	6
(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	1998
(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	100
(30) Year of ADT	1998
(109) Truck ADT	1 %
(19) Bypass, Detour Length	6 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	45 ft
(49) Structure Length	272 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	24 ft
(52) Deck Width Out to Out	26.8 ft
(32) Approach Roadway Width (W/Shoulders)	20 ft
(33) Bridge Median	0-No median
(34) Skew	25 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	25.3 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			9-Rural Local
(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		5-Bridge is not eligible for the NRHP	
CONDITION			
(58) Deck			7
(59) Superstructure			8
(60) Substructure			7
(61) Channel & Channel Protection			7
(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			6
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			6
(69) Clearances, Vertical/Horizontal			N
(71) Waterway Adequacy			8
(72) Approach Roadway Alignment			7
(36) Traffic Safety Features			1101
A) Bridge Railings		1-Inspected feature meets currently a	
B) Transitions		1-Inspected feature meets currently a	
C) Approach Guardrail		0-Inspected feature does not meet cur	
D) 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			128
(115) Year of Future ADT			2018
INSPECTIONS			
(90) Inspection Date			
(91) Frequency			24 Months
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No	24	
B: Underwater Inspection	No	0	
C: Other Special Inspection	No	0	



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ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
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## **Maintenance Needs**



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### **Inspection Comments**

Log Mile running Southeast. Job #BR-6704

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### **Deck Notes**

Debris in joint

Minor transverse efflorescent cracks to Left & Right overhangs at all spans.

Efflorescent map cracking to Right parapet wall at beginning of Span 1 & end of Span 5. Minor efflorescent cracking to Left & Right parapets @ all spans.

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### **Superstructure Notes**

Anchor bolt nut missing to Girder 4 at Abutment 2.

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### **Substructure Notes**

Minor local scour at Bents 2 - 5.

2 efflorescent cracks at abutment 1.