



Bridge #04421 (Routine)

Cr-119/Z-I/L-0.82 over Hog Tusk Creek

Location: .82 South Of Us 79

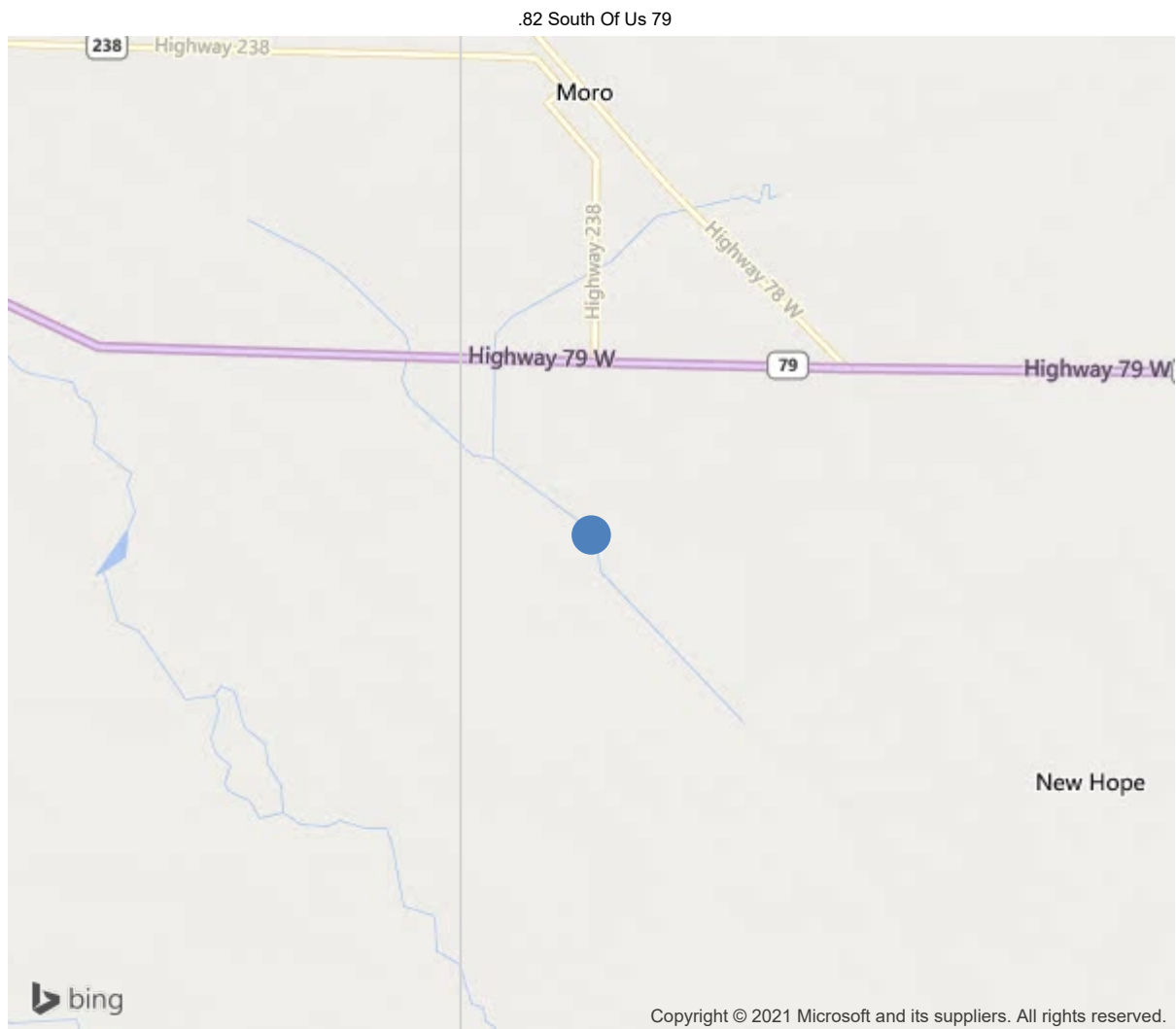
Team Lead: Drew Melton **Inspection Date:** March 11, 2019



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34.76352, -90.98846



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IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	04421
(5) Inventory Route	119
(2) Highway Agency District	01
(3) County Code	77-Lee County, Arkansas
(4) Place Code	0
(6) Features Intersected	Hog Tusk Creek
(7) Facility Carried	Cr-119/Z-I/L-0.82
(9) Location	.82 South Of Us 79
(11) Mile Point	0.82 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	34.763519
(17) Longitude	-90.988464
(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	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	1981
(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	210
(30) Year of ADT	1987
(109) Truck ADT	1 %
(19) Bypass, Detour Length	2 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	35 ft
(49) Structure Length	105 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	27.9 ft
(52) Deck Width Out to Out	31 ft
(32) Approach Roadway Width (W/Shoulders)	32.2 ft
(33) Bridge Median	0-No median
(34) Skew	0 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	29.2 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			7
(59) Superstructure			7
(60) Substructure			8
(61) Channel & Channel Protection			8
(62) Culverts			N
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			56
(65) Inventory Rating Method		1-Load Factor(LF)	
(66) Inventory Rating			
Type			3
Rating			34
(70) Bridge Posting		5-Equal to or above legal loads	
(41) Structure Open/Posted/Closed		A-Open, no restriction	
APPRAISAL			
(67) Structural Evaluation			7
(68) Deck Geometry			6
(69) Clearances, Vertical/Horizontal			N
(71) Waterway Adequacy			8
(72) Approach Roadway Alignment			8
(36) Traffic Safety Features			1111
A) Bridge Railings		1-Inspected feature meets currently a	
B) Transitions		1-Inspected feature meets currently a	
C) Approach Guardrail		1-Inspected feature meets currently a	
D) Approach Guardrail Ends		1-Inspected feature meets currently a	
(113) Scour Critical Bridges		5-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			239
(115) Year of Future ADT			2007
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

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Deck Notes

Bent #2 right curb joint material has fallen out for a few inches.

Deck has a few transverse cracks.

Joint material is weathered and cracked.

Deck surface down center full length has light abrasion.

Substructure Notes

Abutment #2 left side wing has a one foot spall on top with no rebar exposed. Abutment #1 left approach curb has a one foot spall on end no exposed rebar.