



Bridge #06068(Routine)

SH 160 SEC.00-9.64 over E. FORK KELLY BAYOU

Location: 0.5 MI W OF U.S 71 JCT.

Team Lead: Charlie Rogers Inspection Date: August 07, 2019



Latitude:33.09164, Longitude:-93.90421

Route:160 Section:00 Log:9.64

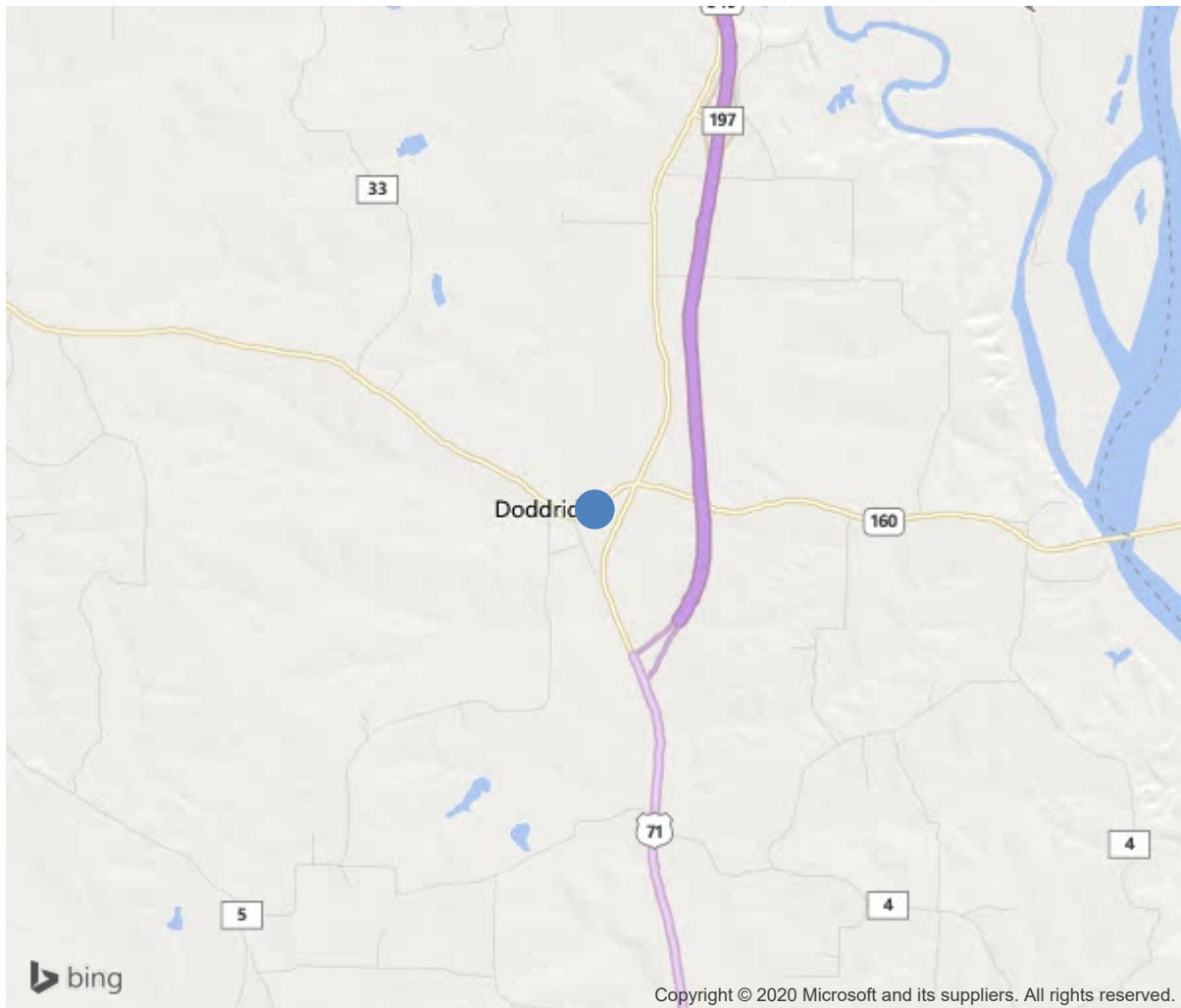
Arnold Road ID:46x160x0xA, Arnold Log mile:9.633

District 03, Miller County

Owner: 1-State Highway Agency

Place Code: 18960 - DODDRIDGE

0.5 MI W OF U.S 71 JCT.



33.09164, -93.90421



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IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	06068
(5) Inventory Route	160
(2) Highway Agency District	03
(3) County Code	91-Miller County, Arkansas
(4) Place Code	18960
(6) Features Intersected	E. FORK KELLY BAYOU
(7) Facility Carried	SH 160 SEC.00-9.64
(9) Location	0.5 MI W OF U.S 71 JCT.
(11) Mile Point	9.64 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	33.09164
(17) Longitude	-93.90421
(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	5
(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	1985
(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	1200
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	40 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	35 ft
(49) Structure Length	175 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	29.9 ft
(52) Deck Width Out to Out	33 ft
(32) Approach Roadway Width (W/Shoulders)	34.1 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	31.2 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		1-State Highway Agency	
(22) Owner		1-State Highway Agency	
(37) Historical Significance		5-Bridge is not eligible for the NRHP	
CONDITION			
(58) Deck			7
(59) Superstructure			7
(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			5
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			7
(68) Deck Geometry			6
(69) Clearances, Vertical/Horizontal			N
(71) Waterway Adequacy			7
(72) Approach Roadway Alignment			6
(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			0
(114) Future ADT			1130
(115) Year of Future ADT			2028
INSPECTIONS			
(90) Inspection Date			201908
(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	

SUFFICIENCY RATING	87.8
STATUS (SD/FO/None)	Not Deficient



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ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
38	RC Slab	SF	5775	5763	12	0	0
1120	Efflorescence/Rust Staining	SF	12	0	12	0	0
(38)							
45 degree cracks on corners of slab have efflorescence in cracks.							
215	Reinforced Concrete Abutment	LF	79	79	0	0	0
226	Prestressed concrete piles	EA	24	24	0	0	0
234	Reinforced Concrete Pier Cap	LF	132	129	2	1	0
1080	Delamination/Spall/Patched Area	LF	3	0	2	1	0
331	Reinforced Concrete Bridge Railing	LF	350	350	0	0	0



AL



SS



Underside of deck typical all spans



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Maintenance Needs



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Inspection Comments

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Deck Notes

8/16/2017 AL,CH,SS,DECK PHOTOS TAKEN PER THIS INSPECTION.....8/7/2019...AL, SS, Deck photos taken. 45 degree cracks on corners of slab have efflorescence in cracks...

Superstructure Notes

Girders/Beams: R/C SLAB
