



Latitude:33.21287, Longitude:-91.32679

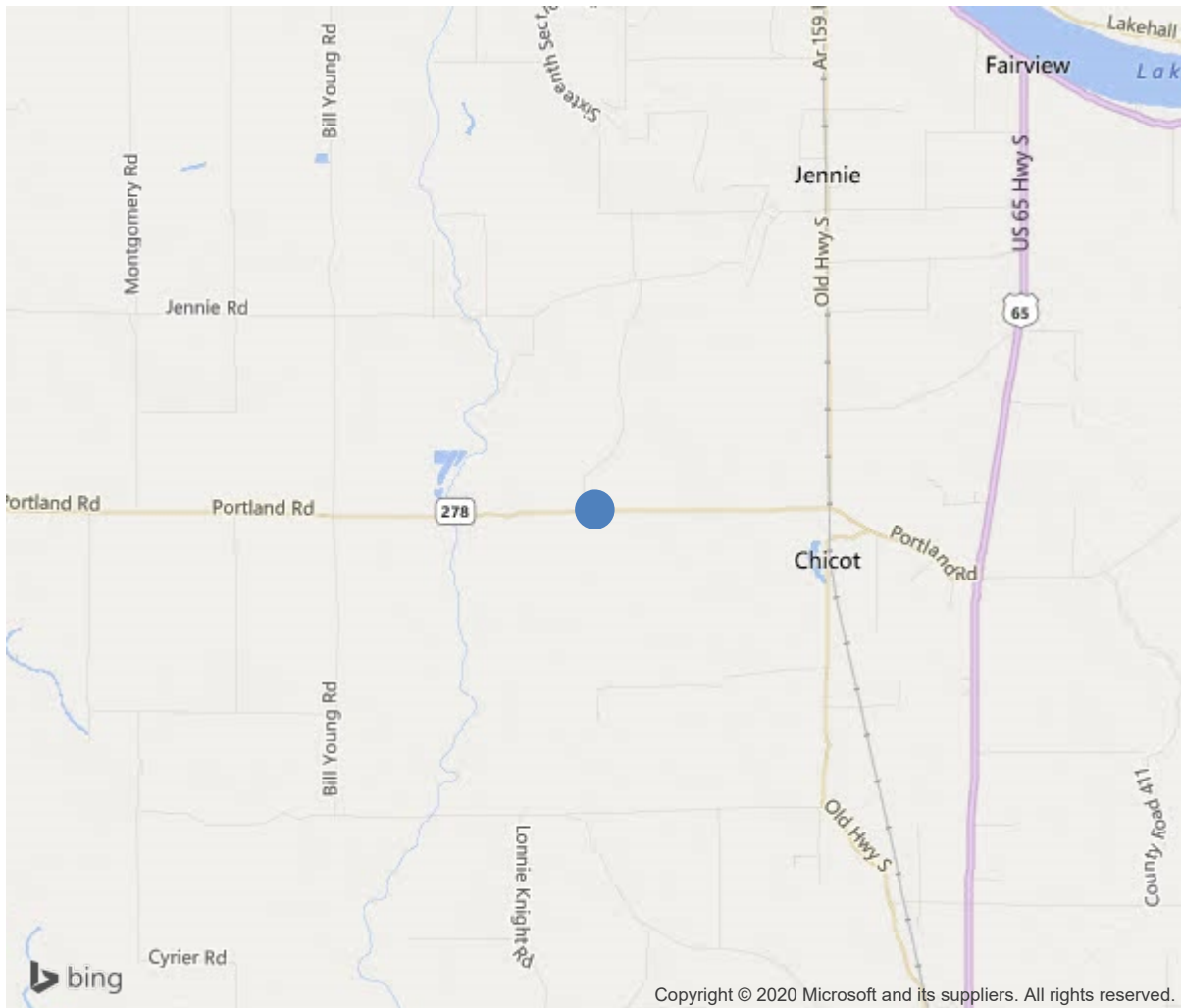
Route:160 Section:12 Log:7.79

Arnold Road ID:9x160x12xA, Arnold Log mile:7.759

District 02, Chicot County

Owner: 1-State Highway Agency

4.1 Mi W US 65-Chicot Jct



33.21287, -91.32679



Bridge #M3151(Routine)

SH 160-12 LM 7.79 over Ditch

Location: 4.1 Mi W US 65-Chicot Jct

Team Lead: Sharon Hooks Inspection Date: June 29, 2020

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	M3151
(5) Inventory Route	160
(2) Highway Agency District	02
(3) County Code	17-Chicot County, Arkansas
(4) Place Code	0
(6) Features Intersected	Ditch
(7) Facility Carried	SH 160-12 LM 7.79
(9) Location	4.1 Mi W US 65-Chicot Jct
(11) Mile Point	7.79 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	33.2128720277931
(17) Longitude	-91.3267900482814
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	122
Material	1-Concrete
Type	22-Channel beam
(44) Approach Structure Type	00
Material	0-Other
Type	0-Other
(45) No. of Spans in Main Unit	1
(46) No. of Approach Spans	0
(107) Deck Structure Type	2-Concrete Precast Panels
(108) Wearing Surface/Protective System	
Type of Wearing Surface	6-Bituminous
Type of Membrane	0-None
Type of Deck Protection	0-None
AGE AND SERVICE	
(27) Year Built	1968
(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	300
(30) Year of ADT	2014
(109) Truck ADT	10 %
(19) Bypass, Detour Length	28 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	28 ft
(49) Structure Length	31 ft
(50) Curb or Sidewalk Width	
Left	1 ft
Right	1 ft
(51) Bridge Roadway Width Curb to Curb	25.9 ft
(52) Deck Width Out to Out	28 ft
(32) Approach Roadway Width (W/Shoulders)	24 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	26.9 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	5-None present but re-evaluation
(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	8
(61) Channel & Channel Protection	7
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	0-Other or Unknown
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1-Load Factor(LF)
Rating	50
(65) Inventory Rating Method	1-Load Factor(LF)
(66) Inventory Rating	
Type	1
Rating	30
(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	5
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	5
(72) Approach Roadway Alignment	8
(36) Traffic Safety Features	0001
A) Bridge Railings	0-Inspected feature does not meet cur
B) Transitions	0-Inspected feature does not meet cur
C) Approach Guardrail	0-Inspected feature does not meet cur
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	513
(115) Year of Future ADT	2028
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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Team Lead: Sharon Hooks, Inspection Date: June 29, 2020

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
16	Reinforced Concrete Top Flange	SF	868	868	0	0	0
510	Wearing Surfaces	SF	744	744	0	0	0
(16)	31' by 28' Overlaid with 1/2 inch asphalt seal coat. Very small pop-outs in grouted key ways.						
110	Reinforced Concrete Open Girder/Beam	LF	248	248	0	0	0
(110)	8 each at 31' Units are bolted transversely - no noted missing or loose bolts.						
215	Reinforced Concrete Abutment	LF	68	68	0	0	0
(215)	34' each bents 1 & 2 (no pile visible on this bridge)						
330	Metal Bridge Railing	LF	62	62	0	0	0
515	Steel Protective Coating	SF	143	143	0	0	0
(330)	31' each side. Coating: 2.3 square feet per linear feet of railing.						



Approach.



Deck over view.



elevation



deck over view



approach



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Maintenance Needs



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SH 160-12 LM 7.79 over Ditch

Location: 4.1 Mi W US 65-Chicot Jct

Team Lead: Sharon Hooks **Inspection Date:** June 29, 2020

Inspection Comments

Beginning of structure toward US 165, Portland, Ashley / Chicot County Line, West End.Changed Item 113 from U to 5. See Bridge Scour Assessment Procedure Worksheet B.S.A.P.W. (DMH 12/28/09)Sufficiency Rating Calculation Accepted by tehe576 at 2013-06-13 11:18:59