



Latitude:33.10670, Longitude:-93.71584

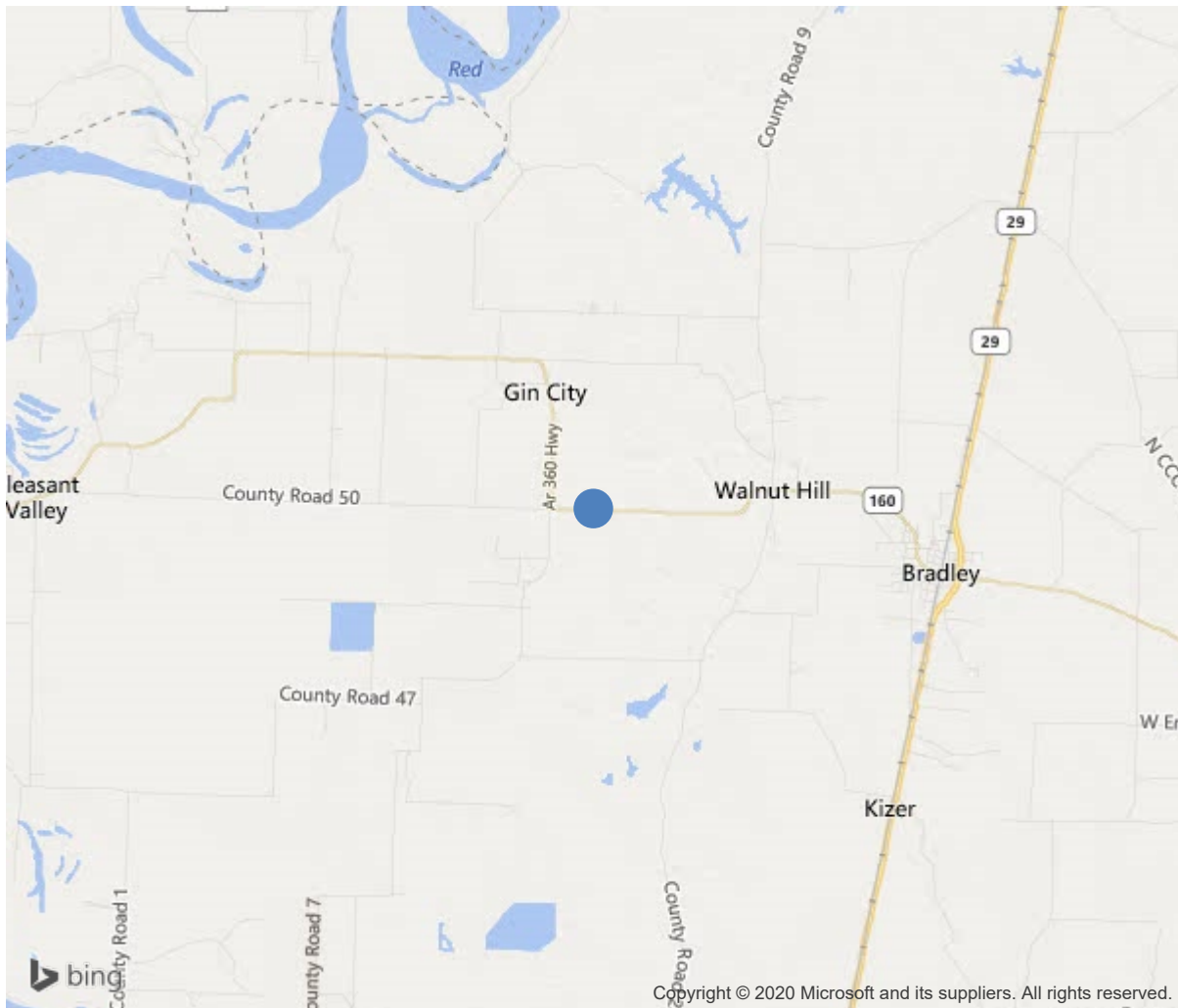
Route:160 Section:01 Log:8.84

Arnold Road ID:37x160x1xA, Arnold Log mile:8.682

District 03, Lafayette County

Owner: 1-State Highway Agency

0.3 MI E GIN CITY



33.10670, -93.71584



Bridge #06661 (Routine)

SH 160 - 01- 8.84 over POSTON BAYOU

Location: 0.3 MI E GIN CITY

Team Lead: Charlie Rogers Inspection Date: September 12, 2016

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	06661
(5) Inventory Route	160
(2) Highway Agency District	03
(3) County Code	73-Lafayette County, Arkansas
(4) Place Code	0
(6) Features Intersected	POSTON BAYOU
(7) Facility Carried	SH 160 - 01- 8.84
(9) Location	0.3 MI E GIN CITY
(11) Mile Point	8.84 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	33.10670
(17) Longitude	-93.71584
(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	4
(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	1-Epoxy Coated Reinforcing
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	931
(30) Year of ADT	2018
(109) Truck ADT	10 %
(19) Bypass, Detour Length	20 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	31 ft
(49) Structure Length	137 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	29.5 ft
(52) Deck Width Out to Out	32.6 ft
(32) Approach Roadway Width (W/Shoulders)	34.1 ft
(33) Bridge Median	0-No median
(34) Skew	30 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	30.2 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	8
(60) Substructure	8
(61) Channel & Channel Protection	8
(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	60
(65) Inventory Rating Method	1-Load Factor(LF)
(66) Inventory Rating	
Type	4
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
(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	2052
(115) Year of Future ADT	2028
INSPECTIONS	
(90) Inspection Date	201809
(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	86.8
STATUS (SD/FO/None)	Not Deficient



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**SH 160 - 01- 8.84 over POSTON BAYOU**

**Location: 0.3 MI E GIN CITY**

**Team Lead:** Charlie Rogers, **Inspection Date:** September 12, 2016

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	4466	4466	0	0	0
107	Steel Open Girder/Beam	LF	680	680	0	0	0
515	Steel Protective Coating	SF	4624	4624	0	0	0
215	Reinforced Concrete Abutment	LF	94	94	0	0	0
226	Prestressed concrete piles	EA	15	15	0	0	0
234	Reinforced Concrete Pier Cap	LF	104	104	0	0	0
302	Compression Joint Seal	LF	60	60	0	0	0
311	Movable Bearing	EA	10	10	0	0	0
313	Fixed Bearing	EA	15	15	0	0	0
331	Reinforced Concrete Bridge Railing	LF	274	274	0	0	0





Channel



Alignment



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## **Maintenance Needs**



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### **Inspection Comments**

- 1) Routine inspection
  - 2) Log mile signs posted correctly just on the wrong end of the bridge.
  - 3) AL, CH, SS, repair photos taken
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### **Deck Notes**

8 VERY GOOD

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### **Superstructure Notes**

8 VERY GOOD....

Beams are 24"x9"

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### **Substructure Notes**

8 VERY GOOD