



Latitude:33.68554, Longitude:-93.75533

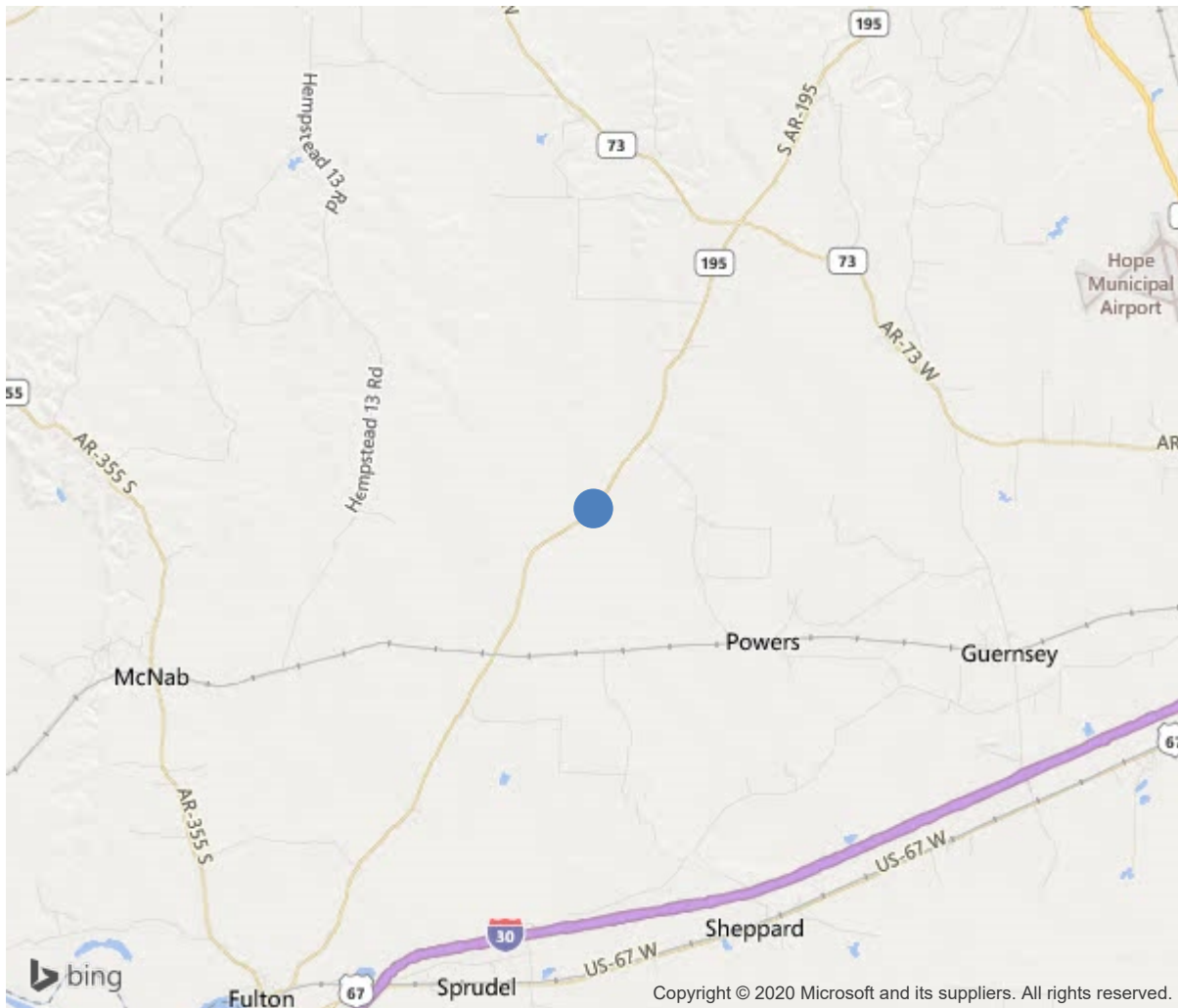
Route:195 Section:01 Log:6.14

Arnold Road ID:29x195x1xA, Arnold Log mile:6.173

District 03, Hempstead County

Owner: 1-State Highway Agency

6.3 MI N.E. OF FULTON



33.68554, -93.75533



Bridge #M2290(Routine)
SH 195 - 01 - 6.14 over SANDY BOIS DARC CR

Location: 6.3 MI N.E. OF FULTON

Team Lead: Charlie Rogers Inspection Date: September 06, 2018

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	M2290
(5) Inventory Route	195
(2) Highway Agency District	03
(3) County Code	57-Hempstead County, Arkansas
(4) Place Code	0
(6) Features Intersected	SANDY BOIS DARC CR
(7) Facility Carried	SH 195 - 01 - 6.14
(9) Location	6.3 MI N.E. OF FULTON
(11) Mile Point	6.14 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	33.68554
(17) Longitude	-93.75533
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	32
Material	3-Steel
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	2
(46) No. of Approach Spans	0
(107) Deck Structure Type	1-Concrete Cast-in-Place
(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	1967
(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	330
(30) Year of ADT	2018
(109) Truck ADT	7 %
(19) Bypass, Detour Length	20 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	15 ft
(49) Structure Length	32 ft
(50) Curb or Sidewalk Width	
Left	0.5 ft
Right	0.5 ft
(51) Bridge Roadway Width Curb to Curb	24 ft
(52) Deck Width Out to Out	25 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	24.9 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	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	6
(59) Superstructure	6
(60) Substructure	5
(61) Channel & Channel Protection	5
(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	2
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	5
(68) Deck Geometry	5
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	5
(72) Approach Roadway Alignment	7
(36) Traffic Safety Features	0111
A) Bridge Railings	0-Inspected feature does not meet cur
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	412
(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	77.3
STATUS (SD/FO/None)	Not Deficient

Location: 6.3 MI N.E. OF FULTON

Team Lead: Charlie Rogers, **Inspection Date:** September 06, 2018

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	800	786	14	0	0
1190	Abrasion/Wear (PSC/RC)	SF	14	0	14	0	0
510	Wearing Surfaces	SF	768	768	0	0	0
(12)							
5.5 INCH ASPHALT OVERLAY.							
14 ft abrasion LT.curb span 2							
107	Steel Open Girder/Beam	LF	221	209	12	0	0
1000	Corrosion	LF	12	0	12	0	0
515	Steel Protective Coating	SF	1127	1077	50	0	0
3410	Chalking (Steel Protective Coatings)	SF	50	0	50	0	0
(107)							
CLEANED AND PAINTED ENTIRE STRUCTURE 11/27/2012.....							
12 ft of rust at some beam ends							
216	Timber Abutment	LF	24	24	0	0	0
228	Timber Pile	EA	15	15	0	0	0
235	Timber Pier Cap	LF	73	73	0	0	0
330	Metal Bridge Railing	LF	63	0	63	0	0
1000	Corrosion	LF	63	0	63	0	0
(330)							
All guardrail is rusting							



Deck



Underside of deck typical all spans



SS



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Maintenance Needs



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Inspection Comments

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Deck Notes

5.5 IN ASPHALT OVERLAY...9/6/2018...AL, SS, Deck photos taken. Little or no change in condition...

Superstructure Notes

CLEANED AND PAINTED ENTIRE STRUCTURE 11/27/2012.....

Substructure Notes

PILES 1 & 2 AT BENT 2 WERE REPLACED AT BENT 2 IN 2010-----