



Bridge #07134(Routine)

S.H. 195 -01-0.50 over UNION PACIFIC RR SPUR

Location: 0.50 MI NE OF FULTON

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



Latitude:33.62021, Longitude:-93.80567

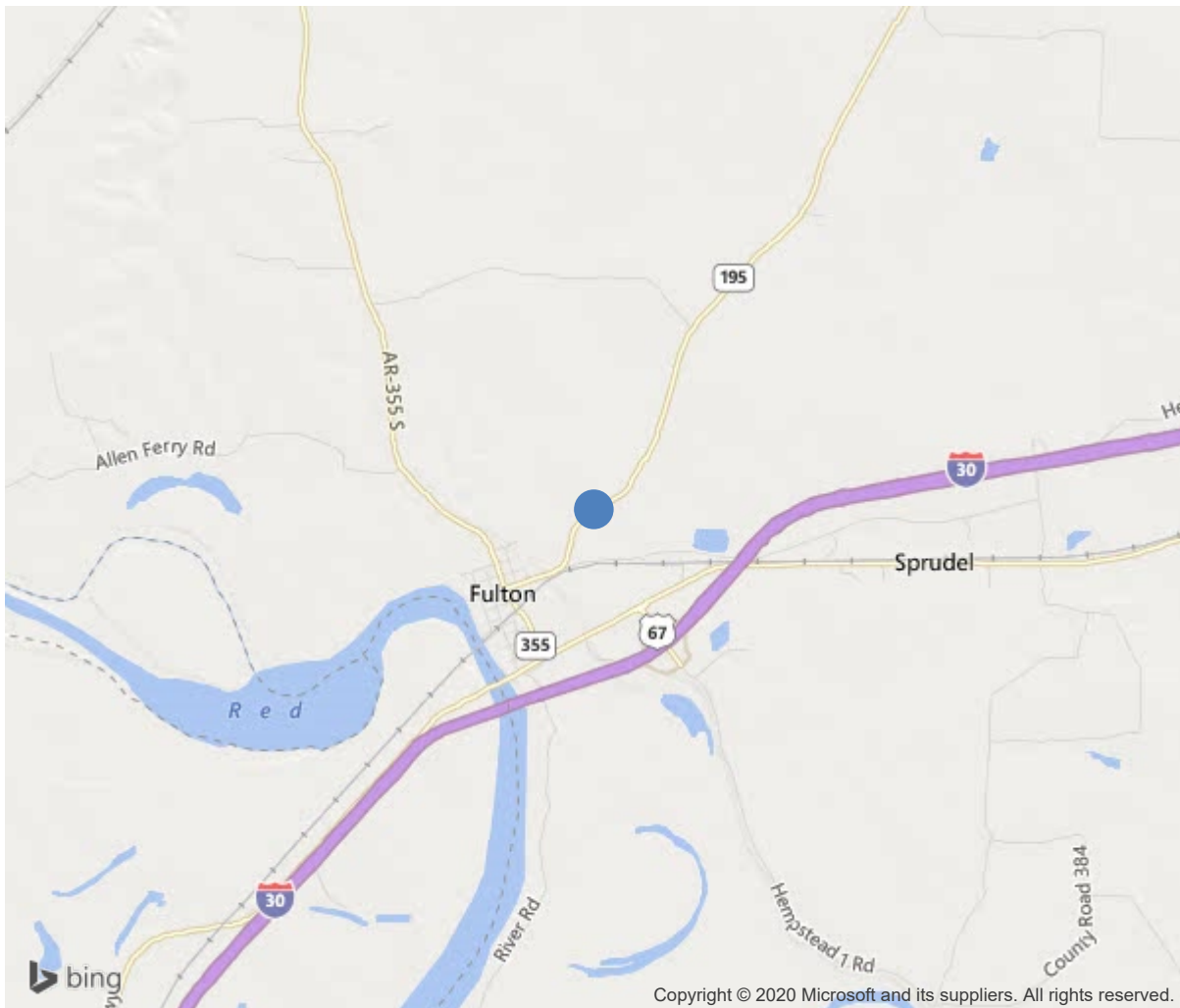
Route:195 Section:01 Log:0.5

Arnold Road ID:29x195x1xA, Arnold Log mile:0.65

District 03, Hempstead County

Owner: 1-State Highway Agency

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IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	07134
(5) Inventory Route	195
(2) Highway Agency District	03
(3) County Code	57-Hempstead County, Arkansas
(4) Place Code	0
(6) Features Intersected	UNION PACIFIC RR SPUR
(7) Facility Carried	S.H. 195 -01-0.50
(9) Location	0.50 MI NE OF FULTON
(11) Mile Point	0.5 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	33.62021
(17) Longitude	-93.80567
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	62
Material	6-Prestressed concrete 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	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	1-Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	2010
(106) Year Reconstructed	0
(42) Type of Service	12
On	1-Highway
Under	2-Railroad
(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	70 ft
(49) Structure Length	210 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	33.2 ft
(32) Approach Roadway Width (W/Shoulders)	29.9 ft
(33) Bridge Median	0-No median
(34) Skew	15 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	25.58 ft
Ref:	
(55) Min Lat Underclear RT	13.1 ft
Ref:	
(56) Min Lat Underclear LT	27.1 ft
NAVIGATION DATA	
(38) Navigation Control	N-Not applicable, no waterway.
(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	4-Historical significance is not dete
CONDITION	
(58) Deck	8
(59) Superstructure	8
(60) Substructure	8
(61) Channel & Channel Protection	N
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	A-HL93
(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	3
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	6
(69) Clearances, Vertical/Horizontal	5
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	7
(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	N-Bridge not over waterway.
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	400
(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	98.5
STATUS (SD/FO/None)	Not Deficient



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ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	6300	5750	550	0	0
1120	Efflorescence/Rust Staining	SF	200	0	200	0	0
1130	Cracking (RC and Other)	SF	350	0	350	0	0
(12)	Efflorescence on concrete overhang Minor hairline cracking across entire deck						
109	Prestressed Concrete Open Girder/Beam	LF	840	840	0	0	0
205	Reinforced Concrete Column	EA	4	4	0	0	0
215	Reinforced Concrete Abutment	LF	108	43	65	0	0
1130	Cracking (RC and Other)	LF	65	0	65	0	0
(215)	30ft of cracks on bent 4 abutment 35ft of cracks on bent 1 abutment						
234	Reinforced Concrete Pier Cap	LF	66	66	0	0	0
302	Compression Joint Seal	LF	69	69	0	0	0
310	Elastomeric Bearing	EA	24	24	0	0	0
331	Reinforced Concrete Bridge Railing	LF	420	390	30	0	0
1130	Cracking (RC and Other)	LF	30	0	30	0	0
(331)	30 ft of cracks between both parapet walls						



Underside of deck typical all spans



Deck



SS



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Maintenance Needs



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Inspection Comments

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Deck Notes

#1- 3 SPAN PRESTRESS MULTI. BEAM:BUILT ON JOB 045319X168 SWEPCO/AEP JOHN W.TURK JR. POWER PLANT.... 9/6/2018...AL, SS, Deck photos taken. Little or no change in condition...

Superstructure Notes

concrete beams..
