



Bridge #16564(Routine)
CR89-Jax Conway Rd over BRIDGE CREEK

Location: 1 MI W OF Fortson Rd

Team Lead: Shane Byrd Inspection Date: August 06, 2019



Latitude:34.94839, Longitude:-92.22759

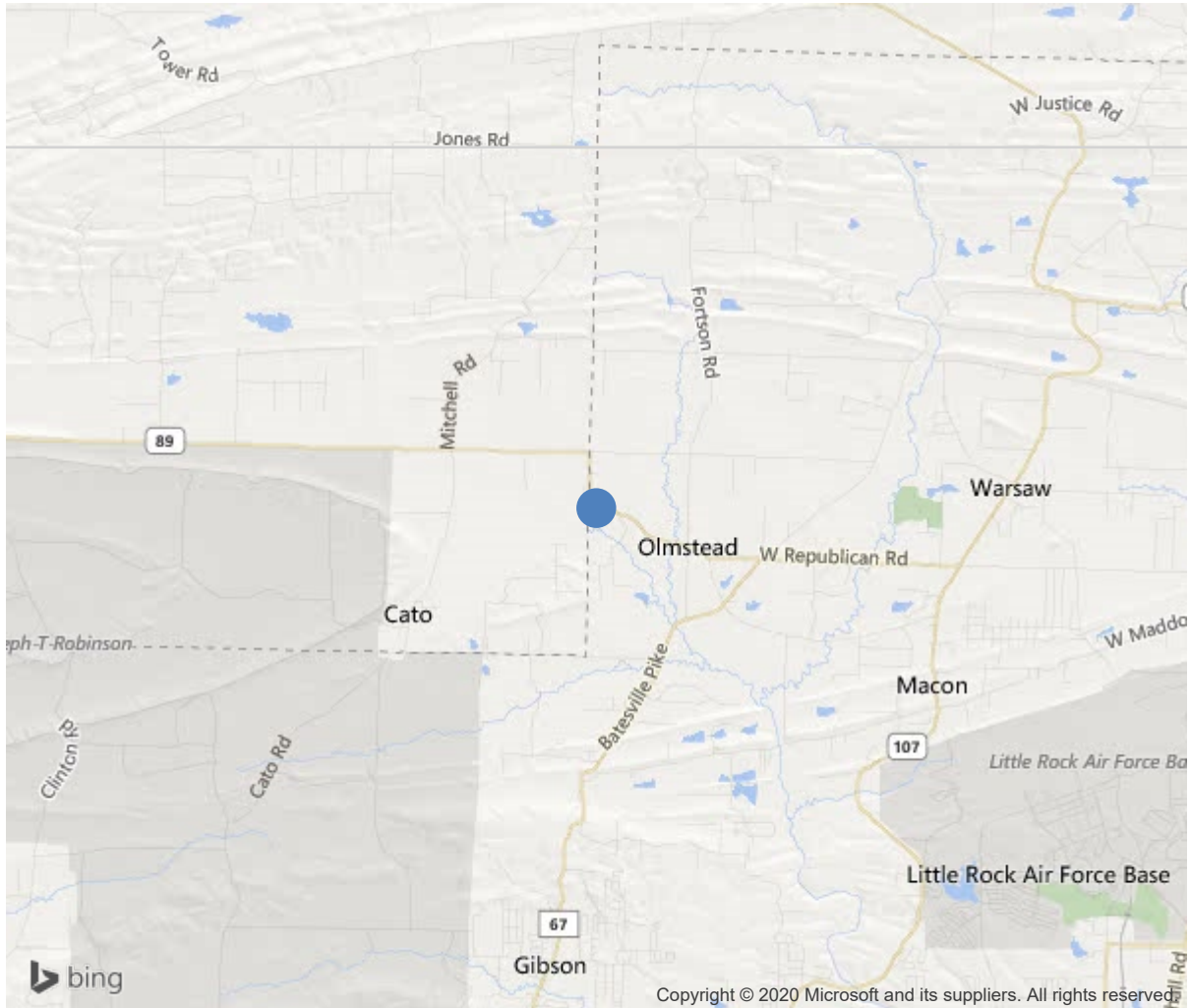
Route:89 Section:00 Log:0.63

Arnold Road ID:60xJACKSONVILLECONWAYRDx2xA, Arnold Log mile:1.234

District 06, Pulaski County

Owner: 2-County Highway Agency

1 MI W OF Fortson Rd



34.94839, -92.22759



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IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	16564
(5) Inventory Route	89
(2) Highway Agency District	06
(3) County Code	119-Pulaski County, Arkansas
(4) Place Code	0
(6) Features Intersected	BRIDGE CREEK
(7) Facility Carried	CR89-Jax Conway Rd
(9) Location	1 MI W OF Fortson Rd
(11) Mile Point	0.63 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	34.94839
(17) Longitude	-92.22759
(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	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	1938
(106) Year Reconstructed	1954
(42) Type of Service	15
On	1-Highway
Under	5-Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	569
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	2 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	12 ft
(49) Structure Length	30 ft
(50) Curb or Sidewalk Width	
Left	0.5 ft
Right	0.5 ft
(51) Bridge Roadway Width Curb to Curb	24.3 ft
(52) Deck Width Out to Out	25.3 ft
(32) Approach Roadway Width (W/Shoulders)	19 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	24.6 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	2-County Highway Agency
(22) Owner	2-County Highway Agency
(37) Historical Significance	4-Historical significance is not dete
CONDITION	
(58) Deck	6
(59) Superstructure	6
(60) Substructure	6
(61) Channel & Channel Protection	6
(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	18
(65) Inventory Rating Method	1-Load Factor(LF)
(66) Inventory Rating	
Type	2
Rating	11
(70) Bridge Posting	0-> 39.9% below
(41) Structure Open/Posted/Closed	P-Posted for load (may include o
APPRAISAL	
(67) Structural Evaluation	3
(68) Deck Geometry	4
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	6
(36) Traffic Safety Features	0000
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	0-Inspected feature does not meet cur
(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	2371
(115) Year of Future ADT	2007
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	43.8
STATUS (SD/FO/None)	Functionally Obsolete



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ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
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Weight limit sign posted on East end of bridge.



Bent 2 right end scour is partially undermining footing extension.



Elevation.



Bent 3 has mortar loss between rocks.



Span 1 soffit near bent 2 has spall with exposed rebar.



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Maintenance Needs



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Inspection Comments

Logged Eastbound.

Sketch linked.

Superstructure Notes

Soffit: longitudinal crack in span 2

span 1 spall with exposed rebar

Substructure Notes

Bent 2 ahead right end scour has partly undermined extended bent. See photoBent 3 masonry has motor loss at footing