



Latitude:35.53327, Longitude:-93.45852

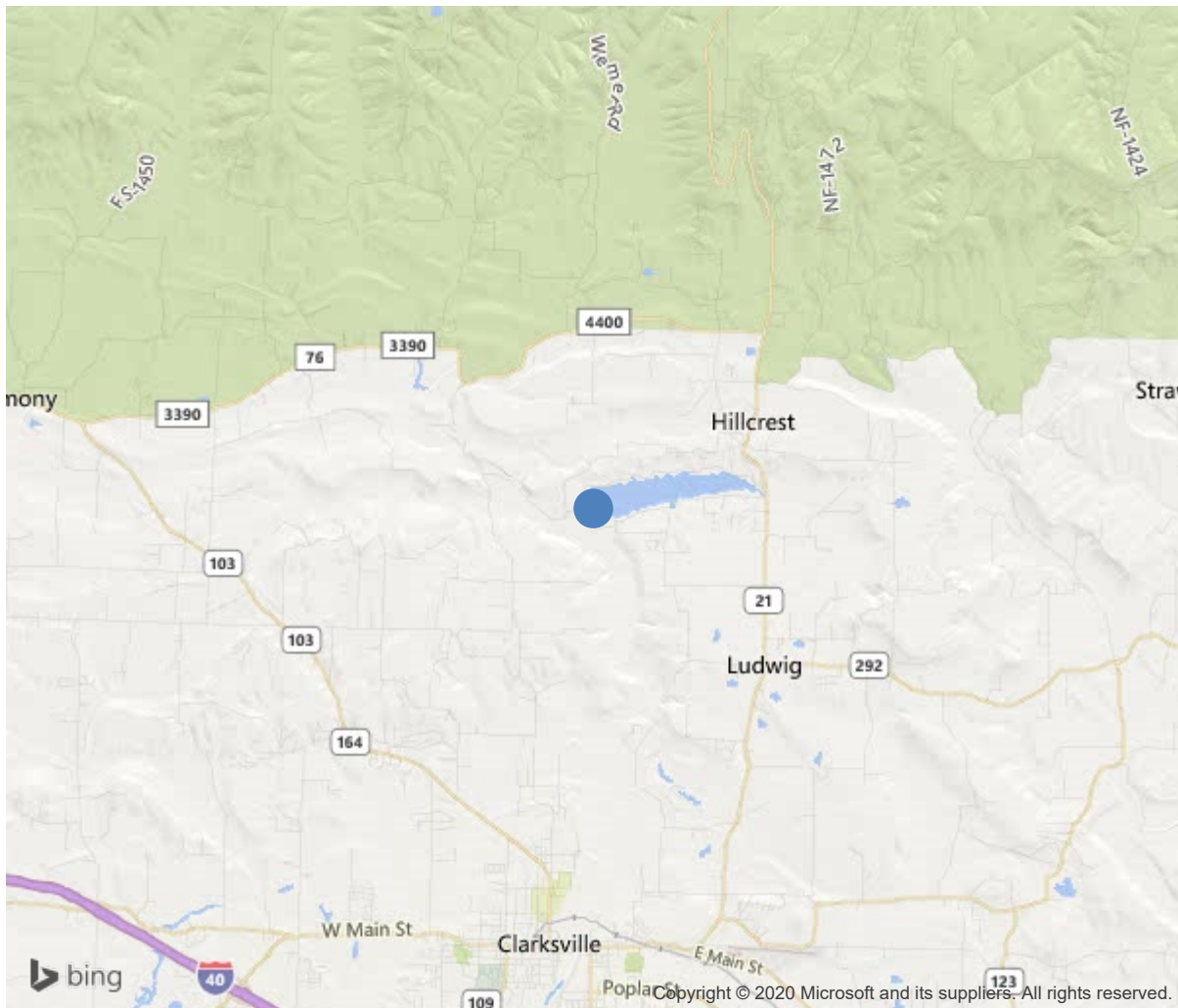
Route:74 Section:00 Log:1.34

Arnold Road ID:36xCOUNTY3566RDx1xA, Arnold Log mile:1.94

District 08, Johnson County

Owner: 2-County Highway Agency

1.34 E.of F jct.. Co.Rd.77



35.53327, -93.45852



Bridge #22956(Routine)
CR 3566 over Spadra Creek
Location: 1.34 E.off jct.. Co.Rd.77

Team Lead: Gary Dorrough Inspection Date: August 28, 2019

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	22956
(5) Inventory Route	74
(2) Highway Agency District	08
(3) County Code	71-Johnson County, Arkansas
(4) Place Code	0
(6) Features Intersected	Spadra Creek
(7) Facility Carried	CR 3566
(9) Location	1.34 E.off jct.. Co.Rd.77
(11) Mile Point	1.34 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	35.53327
(17) Longitude	-93.45852
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	119
Material	1-Concrete
Type	19-Culvert
(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	N-Not applicable
(108) Wearing Surface/Protective System	
Type of Wearing Surface	N-Not applicable (applies only to structur
Type of Membrane	N-Not applicable (applies only to structur
Type of Deck Protection	N-Not applicable (applies only to structur
AGE AND SERVICE	
(27) Year Built	2005
(106) Year Reconstructed	0
(42) Type of Service	15
On	1-Highway
Under	5-Waterway
(28) Lane	
On	1
Under	0
(29) Average Daily Traffic	232
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	2 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	8 ft
(49) Structure Length	28 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	0 ft
(52) Deck Width Out to Out	0 ft
(32) Approach Roadway Width (W/Shoulders)	18 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	328.1 ft
(53) Min Vert Clear Over Bridge Rdwy	99.9 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	8-Rural Minor Collector
(100) Defense Highway	0-The inventory route is not a S
(101) Parallel Structure	N-No parallel structure exists.
(102) Direction of Traffic	1 - 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	N
(59) Superstructure	N
(60) Substructure	N
(61) Channel & Channel Protection	7
(62) Culverts	6
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	46
(65) Inventory Rating Method	1-Load Factor(LF)
(66) Inventory Rating	
Type	3
Rating	27
(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	N
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	7
(72) Approach Roadway Alignment	6
(36) Traffic Safety Features	NNNN
A) Bridge Railings	N-Not applicable or a safety feature
B) Transitions	N-Not applicable or a safety feature
C) Approach Guardrail	N-Not applicable or a safety feature
D) Approach Guardrail Ends	N-Not applicable or a safety feature
(113) Scour Critical Bridges	8-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	67
(115) Year of Future ADT	2025
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	92.8
STATUS (SD/FO/None)	Not Deficient



Bridge #22956(Routine)

CR 3566 over Spadra Creek

Location: 1.34 E.off Jct.. Co.Rd.77

Team Lead: Gary Dorrough, Inspection Date: August 28, 2019

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
------	-------------	-------	-------	-----	-----	-----	-----



Bridge #22956(Routine)

CR 3566 over Spadra Creek

Location: 1.34 E.off Jct.. Co.Rd.77

Team Lead: Gary Dorrough Inspection Date: August 28, 2019



Bridge #22956(Routine)

CR 3566 over Spadra Creek

Location: 1.34 E.of F jct.. Co.Rd.77

Team Lead: Gary Dorrough **Inspection Date:** August 28, 2019

Maintenance Needs



Bridge #22956(Routine)
CR 3566 over Spadra Creek
Location: 1.34 E.off Jct.. Co.Rd.77

Team Lead: Gary Dorrough **Inspection Date:** August 28, 2019

Inspection Comments

Substructure Notes

CHANNEL; GRAVEL & ROCK

Culvert Notes

CULVERT - 3 BARREL PRECAST R/C BOX CULVERT. TOP OF BOX IS ROADWAY - MINOR SCALE IN ROADWAY. MINOR SETTLEMENT IN BARREL #1 LT. SIDE DUE TO MINOR SCOUR. BARREL 1 IS APPROX. 1" LOWER THAN BARREL #2 ON LT. SIDE. Left side curbs are completely gone and the right side has a couple curbs broke off. Barrel #1 has water piping underneath on left upstream side. Barrel #3 has minor settlement and is approximately 1 in. lower than barrel #2 on the right (down stream) side. Right side (down stream) has approximately 2 ft. scour below the concrete apron.