



Latitude:35.53203, Longitude:-93.46492

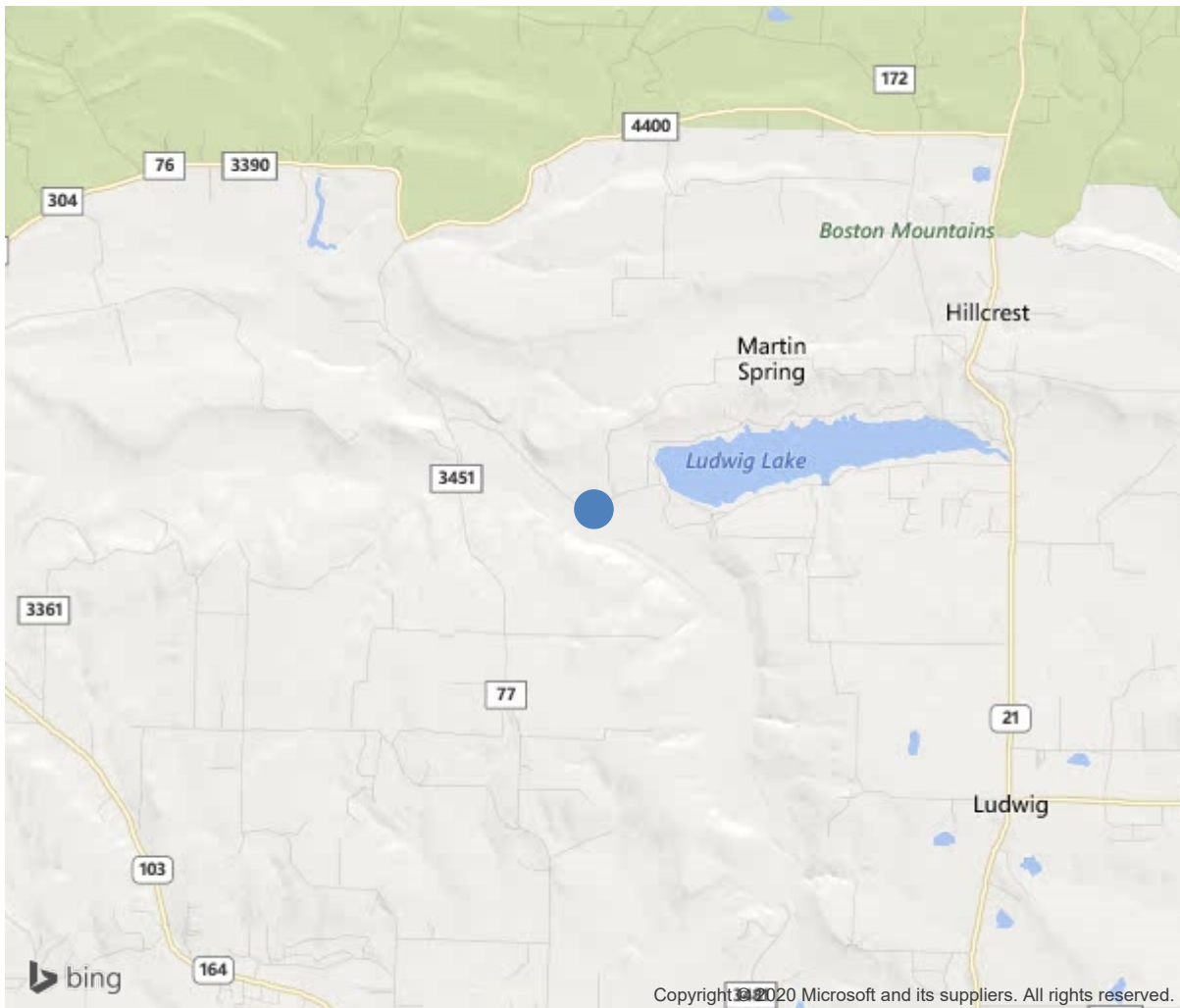
Route:74 Section:00 Log:0.9

Arnold Road ID:36xCOUNTY3566RDx1xA, Arnold Log mile:2.353

District 08, Johnson County

Owner: 2-County Highway Agency

0.90 M E Jct CR 77 & 74



35.53203, -93.46492



**Bridge #24021(Routine)**  
**CR 3566 over Spadra Creek**  
**Location: 0.90 M E Jct CR 77 & 74**

**Team Lead: Bruce Bryan Inspection Date: December 17, 2018**

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	24021
(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	0.90 M E Jct CR 77 & 74
(11) Mile Point	0.9 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	000000
(16) Latitude	35.53203
(17) Longitude	-93.46492
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	122
Material	1-Concrete
Type	22-Channel beam
(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	2-Concrete Precast Panels
(108) Wearing Surface/Protective System	
Type of Wearing Surface	1-Monolithic Concrete (concurrently placed
Type of Membrane	0-None
Type of Deck Protection	0-None
AGE AND SERVICE	
(27) Year Built	2018
(106) Year Reconstructed	
(42) Type of Service	15
On	1-Highway
Under	5-Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	74
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	6 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	29 ft
(49) Structure Length	93 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	20.9 ft
(52) Deck Width Out to Out	21 ft
(32) Approach Roadway Width (W/Shoulders)	22 ft
(33) Bridge Median	0-No median
(34) Skew	0 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.9 ft
(47) Inventory Route Total Horiz Clear	20.9 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	9-Rural Local
(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	5-Bridge is not eligible for the NRHP
CONDITION	
(58) Deck	8
(59) Superstructure	8
(60) Substructure	7
(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	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	7
(68) Deck Geometry	5
(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	ft
(94) Bridge Improvement Cost	\$
(95) Roadway Improvement Cost	\$
(96) Total Project Cost	\$
(97) Year of Improvement Cost Estimate	
(114) Future ADT	110
(115) Year of Future ADT	2038
INSPECTIONS	
(90) Inspection Date	201812
(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	96
STATUS (SD/FO/None)	Not Deficient



Bridge #24021(Routine)

CR 3566 over Spadra Creek

Location: 0.90 M E Jct CR 77 & 74

Team Lead: Bruce Bryan, Inspection Date: December 17, 2018

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





Elevation



**Bridge #24021**(Routine)

**CR 3566 over Spadra Creek**

**Location: 0.90 M E Jct CR 77 & 74**

**Team Lead:** Bruce Bryan **Inspection Date:** December 17, 2018

## **Maintenance Needs**



**Bridge #24021**(Routine)  
**CR 3566 over Spadra Creek**  
**Location: 0.90 M E Jct CR 77 & 74**

**Team Lead:** Bruce Bryan **Inspection Date:** December 17, 2018

### **Inspection Comments**

-

---

### **Deck Notes**

DECK - GOOD. JOINTS ARE GROUTED.

---

### **Superstructure Notes**

6 BEAM R/C CHANNEL BEAM - GOOD. BEAMS ARE TRANS & LONG BOLTED. JOINTS ARE GROUTED.

---

### **Substructure Notes**

ABUTMENTS - MINOR TO MODERATE VERTICAL CRACKING. OLD ABUTMENTS WERE REUSED. PIER WALLS - MINOR HONEYCOMB FROM CONSTRUCTION.CHANNEL: GRAVEL & ROCK - NO SCOUR.