



Latitude:34.03272, Longitude:-93.31434

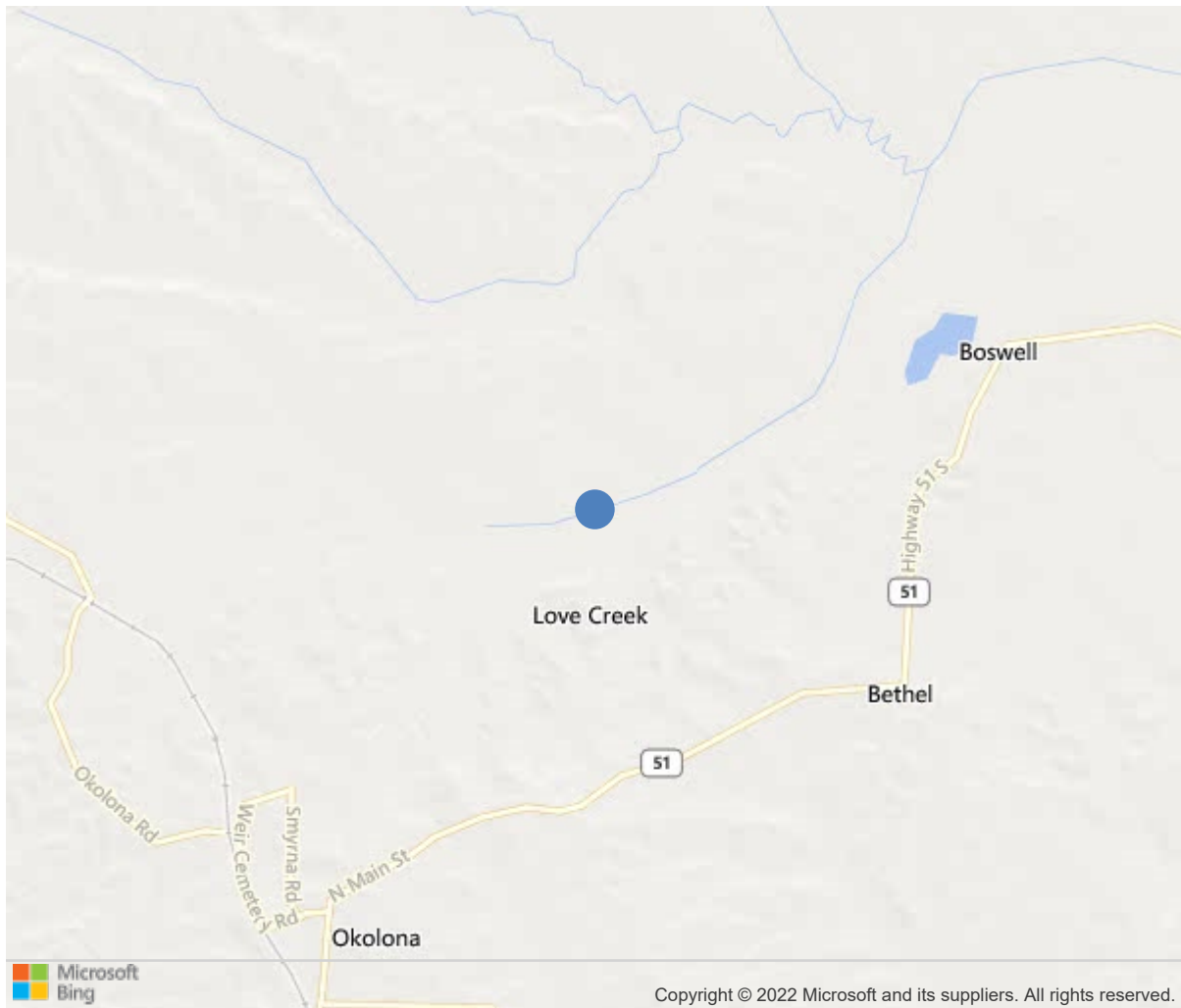
Route:11 Section:00 Log:5.899

Arnold Road ID:10xDAVIDSONCAMPGROUND RDx3xA, Arnold Log mile:1.416

District 07, Clark County

Owner: 2-County Highway Agency

1.5 MI N JCT SH 51&CR 11



34.03272, -93.31434



Bridge #21023(Routine, Fracture Critical)

Clark CR 11 Z-F over LOVE CREEK

Location: 1.5 MI N JCT SH 51&CR 11

Team Lead: Jimmy Reynolds Inspection Date: April 26, 2021

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	21023
(5) Inventory Route	11
(2) Highway Agency District	07
(3) County Code	19-Clark County, Arkansas
(4) Place Code	0
(6) Features Intersected	LOVE CREEK
(7) Facility Carried	Clark CR 11 Z-F
(9) Location	1.5 MI N JCT SH 51&CR 11
(11) Mile Point	5.899 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	34.032719
(17) Longitude	-93.314339
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	38
Material	3-Steel
Type	8-Orthotropic
(44) Approach Structure Type	00
Material	0-Other
Type	0-Other
(45) No. of Spans in Main Unit	1
(46) No. of Approach Spans	0
(107) Deck Structure Type	3-Open Grating
(108) Wearing Surface/Protective System	
Type of Wearing Surface	8-Gravel
Type of Membrane	0-None
Type of Deck Protection	0-None
AGE AND SERVICE	
(27) Year Built	1991
(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	144
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	4 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	69 ft
(49) Structure Length	89 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	17.1 ft
(52) Deck Width Out to Out	17.8 ft
(32) Approach Roadway Width (W/Shoulders)	20 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	99.9 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	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	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	55
(65) Inventory Rating Method	1-Load Factor(LF)
(66) Inventory Rating	
Type	1
Rating	33
(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	3
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	7
(72) Approach Roadway Alignment	7
(36A) Bridge Railings	0-Inspected feature does not meet cur
(36B) Transitions	0-Inspected feature does not meet cur
(36C) Approach Guardrail	0-Inspected feature does not meet cur
(36D) 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	Replacement of bridge or other
(76) Length of Structure Improvement	115 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 109
(96) Total Project Cost	\$ 300
(97) Year of Improvement Cost Estimate	2003
(114) Future ADT	72
(115) Year of Future ADT	2007

INSPECTIONS *			
(90) Inspection Date			04/2021
(91) Frequency			24 Months
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	Yes	24	04/2021
B: Underwater Inspection	No	0	
C: Other Special Inspection	No	0	
* The inspection date and frequency information in this box contains the current NBI date and frequency information. Please refer to the report header for the date this inspection was conducted.			



Scour at abutment 2 approx. 10' from end of bridge



RR car #2 looking back against the log.



RR car #1 looking back against the log.



Roadway



Soffit overview



Approach roadway



Soffit, center sill.



Elevation.



Approach



Elevation



Bridge #21023(Routine, Fracture Critical)

Clark CR 11 Z-F over LOVE CREEK

Location: 1.5 MI N JCT SH 51&CR 11

Team Lead: Jimmy Reynolds **Inspection Date:** April 26, 2021

Inspection Comments

County maint. has repaired slope. Removed previous maint needs.04/26/2018 JPR -- This structure is logged from North to South.

Substructure Notes

Right side abutment 1, slight sign of erosion, watch for bank damage at next inspection, 4-22-19 RHB

Load Rating

At the next regular inspection, please provide a new set of sketches for this structure. The current sketches are from 1997 and in Oasis. Please show the layout, condition, and details of all structural elements. Thank you. TEH 7-20-2016