



Latitude:36.26278, Longitude:-90.31903

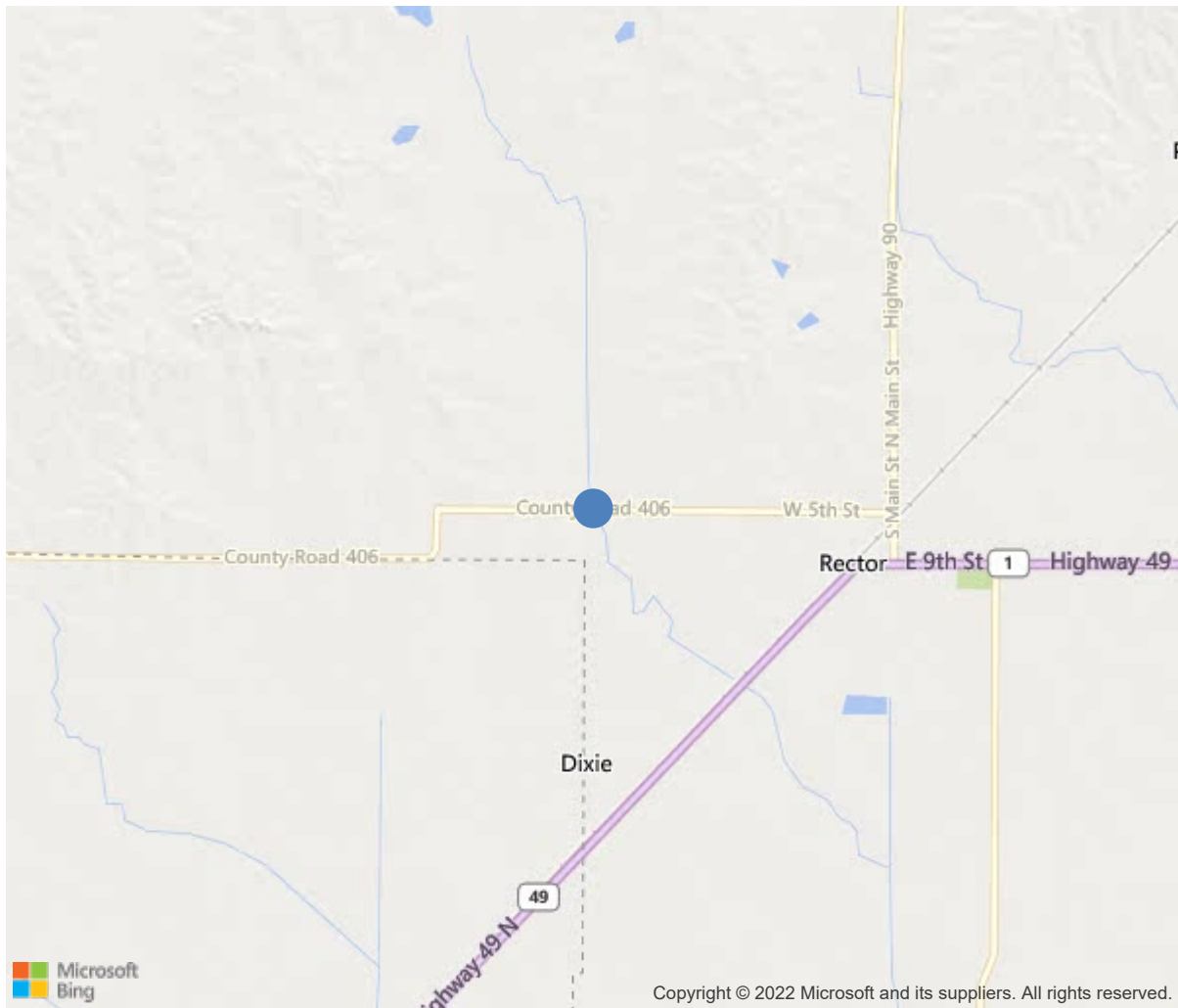
Route:39 Section:00 Log:8.3

Arnold Road ID:11xCLAY406RDx1xA, Arnold Log mile:8.301

District 10, Clay County

Owner: 2-County Highway Agency

.75 Mi W of Rector



36.26278, -90.31903



Bridge #22046(Routine)
CR 39-I (911=406) over POST OAK CREEK

Location: .75 Mi W of Rector

Team Lead: Richard Jones Inspection Date: March 01, 2021

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	22046
(5) Inventory Route	39
(2) Highway Agency District	10
(3) County Code	21-Clay County, Arkansas
(4) Place Code	0
(6) Features Intersected	POST OAK CREEK
(7) Facility Carried	CR 39-I (911=406)
(9) Location	.75 Mi W of Rector
(11) Mile Point	8.3 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	36.26278
(17) Longitude	-90.31903
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	32
Material	3-Steel
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	1
(46) No. of Approach Spans	0
(107) Deck Structure Type	9-Other
(108) Wearing Surface/Protective System	
Type of Wearing Surface	9-Other
Type of Membrane	0-None
Type of Deck Protection	0-None
AGE AND SERVICE	
(27) Year Built	1998
(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	345
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	3 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	58.7 ft
(49) Structure Length	60.4 ft
(50) Curb or Sidewalk Width	
Left	0.5 ft
Right	0.5 ft
(51) Bridge Roadway Width Curb to Curb	23 ft
(52) Deck Width Out to Out	24.1 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	23 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	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	2-County Highway Agency
(22) Owner	2-County Highway Agency
(37) Historical Significance	5-Bridge is not eligible for the NRHP
CONDITION	
(58) Deck	7
(59) Superstructure	7
(60) Substructure	7
(61) Channel & Channel Protection	6
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	0-Other or Unknown
(63) Operating Rating Method	2
(64) Operating Rating	
Type	2-Allowable Stress(AS)
Rating	27
(65) Inventory Rating Method	2-Allowable Stress(AS)
(66) Inventory Rating	
Type	1
Rating	16
(70) Bridge Posting	0-> 39.9% below
(41) Structure Open/Posted/Closed	P-Posted for load (may include o
APPRAISAL	
(67) Structural Evaluation	4
(68) Deck Geometry	4
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(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	
(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	625
(115) Year of Future ADT	2007

INSPECTIONS *			
(90) Inspection Date			03/2021
(91) Frequency			24 Months
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection	No		
* 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.			



Load posting at beginning



Load posting at end

Maintenance Needs

Date Reported: 10/26/2015
Priority: D- Routine
Type of Work: None
Status: Monitor
Component: Deck

Deficiency Description

A few deck channels are cracked or have broken welds.

Remarks



Several cracked welds at steel deck channels



Cracked channels



Bridge #22046(Routine)
CR 39-I (911=406) over POST OAK CREEK

Location: .75 Mi W of Rector

Team Lead: Richard Jones Inspection Date: March 01, 2021

Date Reported: 10/26/2015
Priority: G - General/ Preventive maintenance
Type of Work: Clean
Status: Monitor
Component: Superstructure

Deficiency Description

High water has left debris lodged between girders

Remarks



Bridge #22046(Routine)
CR 39-I (911=406) over POST OAK CREEK

Location: .75 Mi W of Rector

Team Lead: Richard Jones Inspection Date: March 01, 2021

Date Reported: 03/17/2021
Priority: D- Routine
Type of Work: Clean
Status: Open
Component: Superstructure

Deficiency Description

Ends of girders are covered with dirt and gravel.

Remarks





Bridge #22046(Routine)
CR 39-I (911=406) over POST OAK CREEK

Location: .75 Mi W of Rector

Team Lead: Richard Jones **Inspection Date:** March 01, 2021

Deck Notes

Minor approach roadway settlement both ends.
Steel deck channels have surface rust throughout.
A few channels are cracked or have broken welds.

Superstructure Notes

Steel girders have surface rust throughout.
Ends of girders are covered with dirt and gravel.

Substructure Notes

Embankment under bridge has some erosion with rip rap displacement near toe of slope.