



Latitude:35.48056, Longitude:-93.69592

Route:6 Section:00 Log:3.99

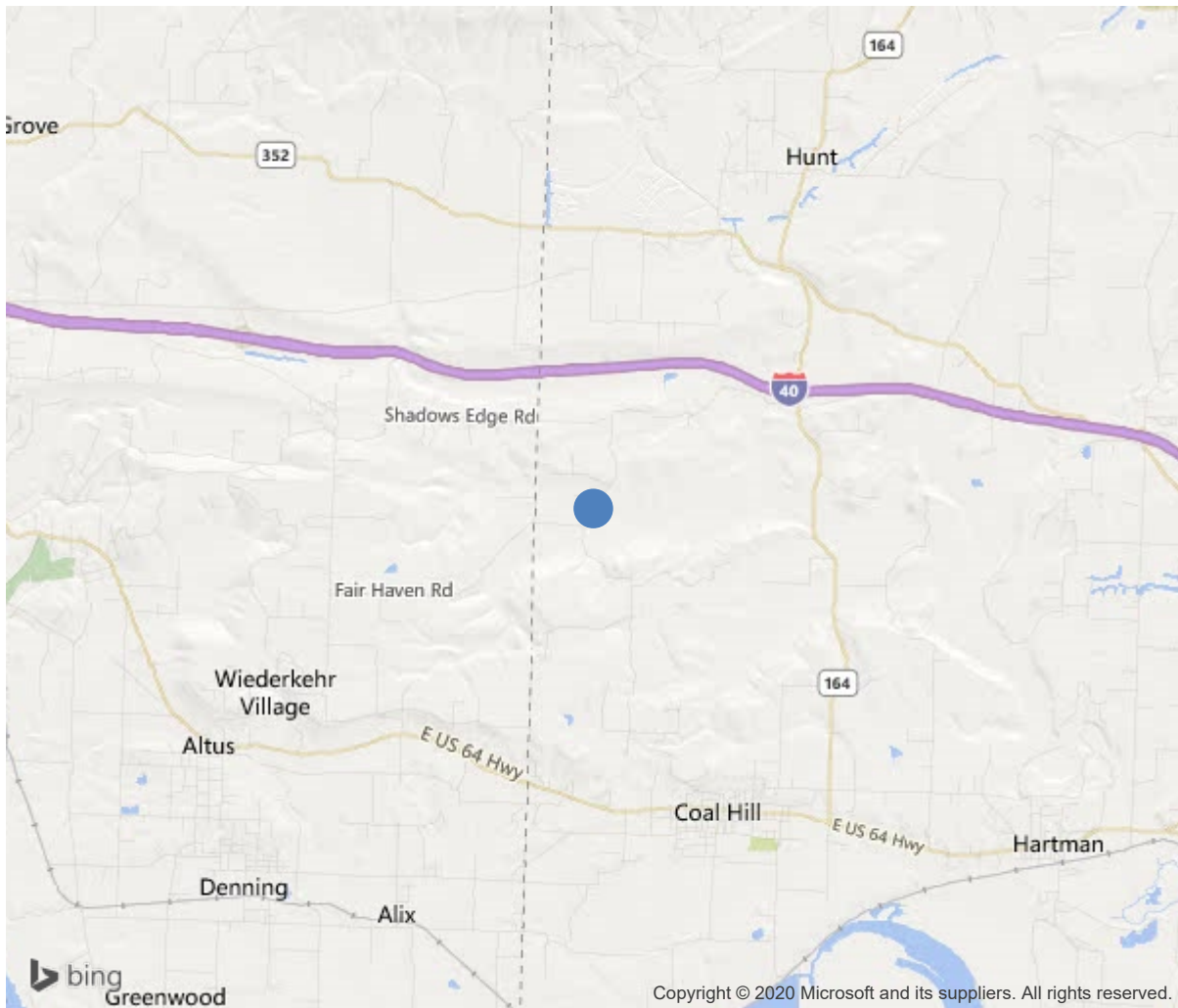
Arnold Road ID:, Arnold Log mile:

District 08, Johnson County

Owner: 2-County Highway Agency

Place Code: 00000 - N/A

3.03 Mi W of Jct. SH 164



35.48056, -93.69592



Bridge #24112(Routine)

CR3020 over Creek

Location: 3.03 Mi W of Jct. SH 164

Team Lead: Gary Dorrough Inspection Date: February 25, 2020

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	24112
(5) Inventory Route	6
(2) Highway Agency District	08
(3) County Code	71-Johnson County, Arkansas
(4) Place Code	5071
(6) Features Intersected	Creek
(7) Facility Carried	CR3020
(9) Location	3.03 Mi W of Jct. SH 164
(11) Mile Point	3.99 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	
(16) Latitude	35.48056
(17) Longitude	-93.69592
(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	2
(46) No. of Approach Spans	0
(107) Deck Structure Type	2-Concrete Precast Panels
(108) Wearing Surface/Protective System	
Type of Wearing Surface	0-None (no additional concrete thickness o
Type of Membrane	0-None
Type of Deck Protection	0-None
AGE AND SERVICE	
(27) Year Built	2020
(106) Year Reconstructed	
(42) Type of Service	15
On	1-Highway
Under	5-Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	
(30) Year of ADT	
(109) Truck ADT	%
(19) Bypass, Detour Length	8 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	31 ft
(49) Structure Length	62 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	24.3 ft
(52) Deck Width Out to Out	24.3 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	24.3 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	
(26) Functional Class	-
(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	-
(110) Designated National Network	-
(20) Toll	-
(21) Maintain	2-County Highway Agency
(22) Owner	2-County Highway Agency
(37) Historical Significance	-
CONDITION	
(58) Deck	8
(59) Superstructure	8
(60) Substructure	8
(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	2
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	
(68) Deck Geometry	
(69) Clearances, Vertical/Horizontal	
(71) Waterway Adequacy	5
(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	8-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	
(115) Year of Future ADT	19
INSPECTIONS	
(90) Inspection Date	202002
(91) Frequency	24 Months
(92) Critical Feature Inspection	Done Freq. (Mon) Date
A: Fracture Critical Detail	Yes 24
B: Underwater Inspection	Yes 0
C: Other Special Inspection	Yes 0

SUFFICIENCY RATING	
STATUS (SD/FO/None)	Not Deficient



Bridge #24112(Routine)

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Location: 3.03 Mi W of Jct. SH 164

Team Lead: Gary Dorrough, **Inspection Date:** February 25, 2020

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
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Elevation



Bridge #24112(Routine)

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Maintenance Needs



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CR3020 over Creek

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Team Lead: Gary Dorrough **Inspection Date:** February 25, 2020

Deck Notes

7 ea. R/C channel beams - Joints are grouted.
Channel beams look good.

Superstructure Notes

Channel beams are transverse bolted and bolted at the ends.
Span #1 channel beam look good.

Substructure Notes

All footings are exposed at Abut. #1, pier #2 and abut. #3.
Abut. #1, right side - minor to moderate scour.
Pier #2, left side - moderate scour with some very minor undermining at the back left end.
Abut. #3, left side - has some moderate scour