



Latitude:33.63413, Longitude:-93.31137

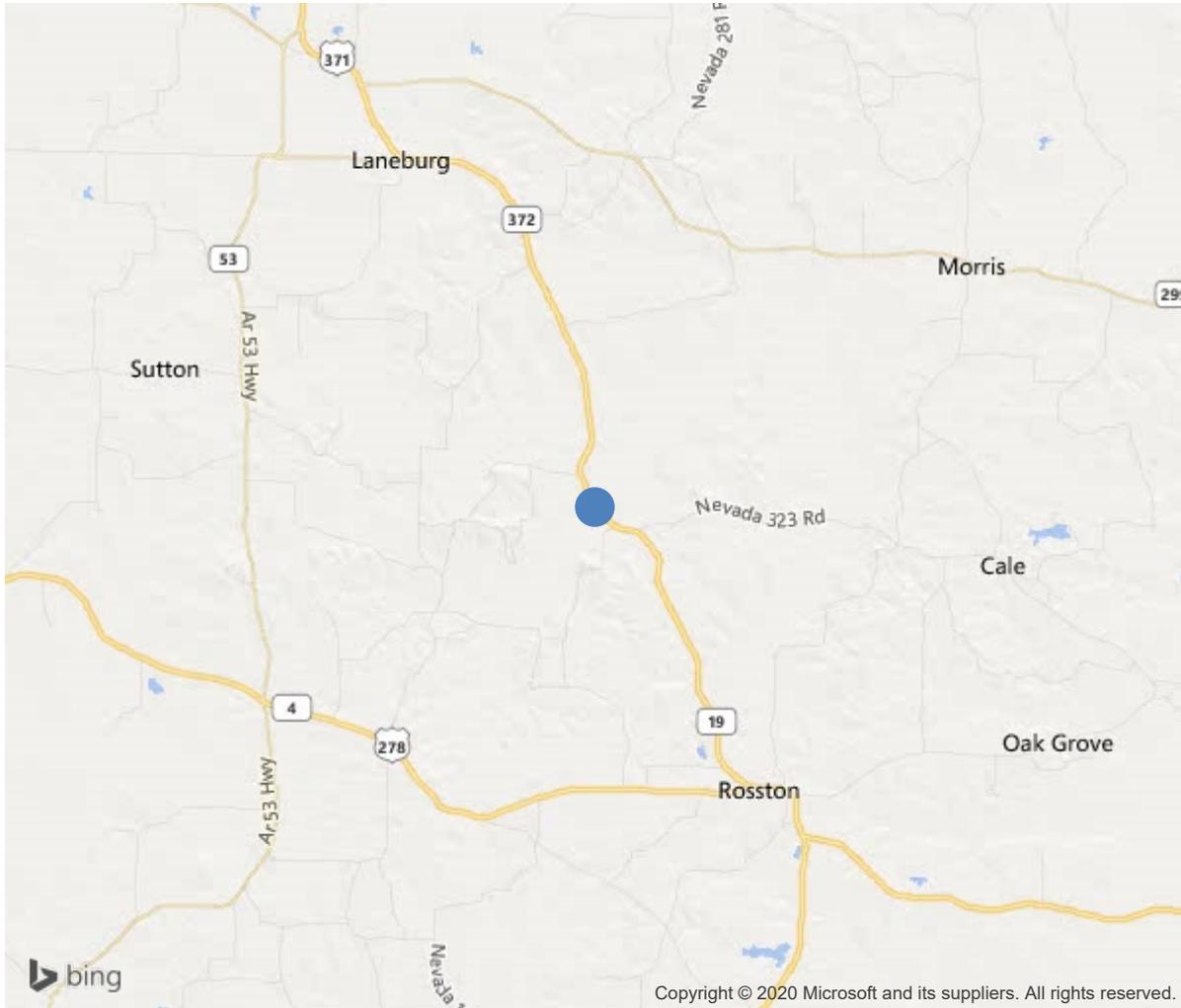
Route:371 Section:05 Log:13.53

Arnold Road ID:50x371x5xA, Arnold Log mile:13.539

District 03, Nevada County

Owner: 1-State Highway Agency

3.43 MI N JCT SH 4 & 371



33.63413, -93.31137



Bridge #M3112(Routine)

US 371- 05- 13.53 over LITTLE CANEY CREEK

Location: 3.43 MI N JCT SH 4 & 371

Team Lead: Jim Owenby Inspection Date: June 09, 2016

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	M3112
(5) Inventory Route	371
(2) Highway Agency District	03
(3) County Code	99-Nevada County, Arkansas
(4) Place Code	0
(6) Features Intersected	LITTLE CANEY CREEK
(7) Facility Carried	US 371- 05- 13.53
(9) Location	3.43 MI N JCT SH 4 & 371
(11) Mile Point	13.53 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	33.63413
(17) Longitude	-93.31137
(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	6-Bituminous
Type of Membrane	0-None
Type of Deck Protection	0-None
AGE AND SERVICE	
(27) Year Built	1967
(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	1200
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	15 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	19 ft
(49) Structure Length	57 ft
(50) Curb or Sidewalk Width	
Left	0.5 ft
Right	0.5 ft
(51) Bridge Roadway Width Curb to Curb	24.3 ft
(52) Deck Width Out to Out	25.2 ft
(32) Approach Roadway Width (W/Shoulders)	36.1 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	25.6 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	6-Rural Minor Arterial
(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	1-State Highway Agency
(22) Owner	1-State Highway Agency
(37) Historical Significance	5-Bridge is not eligible for the NRHP
CONDITION	
(58) Deck	6
(59) Superstructure	6
(60) Substructure	5
(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	43
(65) Inventory Rating Method	1-Load Factor(LF)
(66) Inventory Rating	
Type	3
Rating	26
(70) Bridge Posting	5-Equal to or above legal loads
(41) Structure Open/Posted/Closed	A-Open, no restriction
APPRAISAL	
(67) Structural Evaluation	5
(68) Deck Geometry	4
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	5
(72) Approach Roadway Alignment	6
(36) Traffic Safety Features	1000
A) Bridge Railings	1-Inspected feature meets currently a
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	0 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 0
(96) Total Project Cost	\$ 0
(97) Year of Improvement Cost Estimate	0
(114) Future ADT	1516
(115) Year of Future ADT	2028
INSPECTIONS	
(90) Inspection Date	201806
(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	57.9
STATUS (SD/FO/None)	Not Deficient



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Location: 3.43 MI N JCT SH 4 & 371

Team Lead: Jim Owenby, Inspection Date: June 09, 2016

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
16	Reinforced Concrete Top Flange	SF	1436	1434	2	0	0
1090	Exposed Rebar	SF	2	0	2	0	0
510	Wearing Surfaces	SF	1385	1385	0	0	0
(16)							
2.0 ASPHALT OVERLAY TOTAL, ALSO CHIP SEAL ADDED IN 06/04/2014 BY DIST CREWS							
2 foot of curb is spalled with rebar exposed.							
110	Reinforced Concrete Open Girder/Beam	LF	456	456	0	0	0
(110)							
SALT DAMAGE AND DELAMINATIONS TO OUT SIDE UNITS ON RT. SIDE OF ALL 3 SPANS.							
216	Timber Abutment	LF	52	52	0	0	0
228	Timber Pile	EA	20	20	0	0	0
234	Reinforced Concrete Pier Cap	LF	108	108	0	0	0
330	Metal Bridge Railing	LF	114	84	30	0	0
7000	Damage	LF	30	0	30	0	0
(330)							
Right side rail damage and 6 post cracked 1 post with rebar exposed							



SS



AL



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Maintenance Needs



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Inspection Comments

- 1)LITTLE OR NO CHANGE IN BRIDGE CONDITION.---
 - 2)AL,SS,CH,DEF PHOTOS TAKEN IN 2016-----
 - 3)Right side rail damage and 6 post cracked 1 post with rebar exposed
-

Deck Notes

Wearing Surface: 2.0 asphalt overlay----GUARD RAIL POST # 2,3,4,5 RT SIDE CRACK LT SIDE POST# 5,7,8, HAS SOME SPALLS-----PRECAST CONC. UNIT, SPAN # 1 RT SIDE CURB IS BROKE W/REBAR EXPOSED (APPROX. 2 FT) BEGINNING AND 10 IN AT END OF BRIDGE.----

Superstructure Notes

Girders/Beams: concrete units

Substructure Notes