



Latitude:36.29810, Longitude:-90.86891

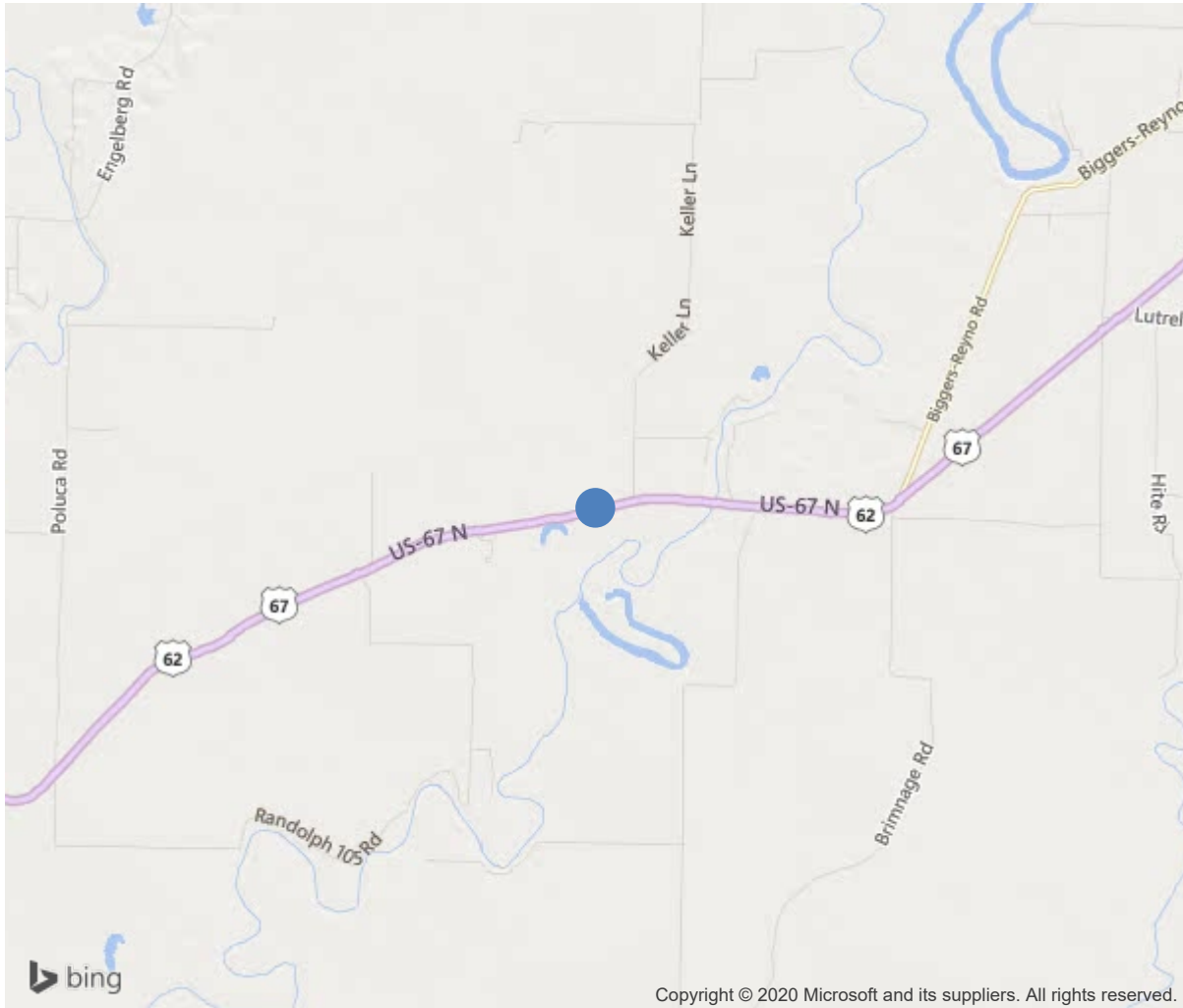
Route:67 Section:19 Log:7.31

Arnold Road ID:61x67x19xA, Arnold Log mile:7.29

District 10, Randolph County

Owner: 1-State Highway Agency

7.25 MI NE JCT US 62 & 67



36.29810, -90.86891



Bridge #00496(Routine)

US 67-19- LM 7.31 over CURRENT RELIEF

Location: 7.25 MI NE JCT US 62 & 67

Team Lead: Richard Jones Inspection Date: January 09, 2020

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	00496
(5) Inventory Route	67
(2) Highway Agency District	10
(3) County Code	121-Randolph County, Arkansas
(4) Place Code	0
(6) Features Intersected	CURRENT RELIEF
(7) Facility Carried	US 67-19- LM 7.31
(9) Location	7.25 MI NE JCT US 62 & 67
(11) Mile Point	7.31 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000067190
(16) Latitude	36.29810
(17) Longitude	-90.86891
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	14
Material	1-Concrete
Type	4-Tee beam
(44) Approach Structure Type	00
Material	0-Other
Type	0-Other
(45) No. of Spans in Main Unit	5
(46) No. of Approach Spans	0
(107) Deck Structure Type	1-Concrete Cast-in-Place
(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	1928
(106) Year Reconstructed	1955
(42) Type of Service	19
On	1-Highway
Under	9-Relief for waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	6600
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	10 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	30 ft
(49) Structure Length	152 ft
(50) Curb or Sidewalk Width	
Left	1.3 ft
Right	1.3 ft
(51) Bridge Roadway Width Curb to Curb	28.2 ft
(52) Deck Width Out to Out	31.7 ft
(32) Approach Roadway Width (W/Shoulders)	42 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	28.2 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	1
(26) Functional Class	2-Rural Principal Arterial - Oth
(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	1-The inventory route is part of the
(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	7
(59) Superstructure	5
(60) Substructure	6
(61) Channel & Channel Protection	7
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	4-M 18 / H 20
(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	5
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	5
(68) Deck Geometry	4
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(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	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	5436
(115) Year of Future ADT	2028
INSPECTIONS	
(90) Inspection Date	202001
(91) Frequency	24 Months
(92) Critical Feature Inspection	Done Freq. (Mon) Date
A: Fracture Critical Detail	No 24
B: Underwater Inspection	Yes 0
C: Other Special Inspection	No 0

SUFFICIENCY RATING	64.7
STATUS (SD/FO/None)	Not Deficient



Bridge #00496(Routine)

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Location: 7.25 MI NE JCT US 62 & 67

Team Lead: Brandon Sutton, Inspection Date: January 09, 2020

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
16	Reinforced Concrete Top Flange	SF	4755	4749	0	6	0
1090	Exposed Rebar	SF	6	0	0	6	0
510	Wearing Surfaces	SF	4261	2965	0	1296	0
3210	Delam/Spall/Patched Area/Pothole	SF	8	0	0	8	0
3220	Crack (Wearing Surface)	SF	1288	0	0	1288	0
110	Reinforced Concrete Open Girder/Beam	LF	900	883	0	17	0
1080	Delamination/Spall/Patched Area	LF	3	0	0	3	0
1130	Cracking (RC and Other)	LF	14	0	0	14	0
215	Reinforced Concrete Abutment	LF	76	76	0	0	0
227	Reinforced Concrete Pile	EA	24	24	0	0	0
234	Reinforced Concrete Pier Cap	LF	110	97	4	9	0
1080	Delamination/Spall/Patched Area	LF	7	0	0	7	0
1090	Exposed Rebar	LF	2	0	0	2	0
1130	Cracking (RC and Other)	LF	4	0	4	0	0
330	Metal Bridge Railing	LF	304	0	304	0	0
1000	Corrosion	LF	304	0	304	0	0
515	Steel Protective Coating	SF	973	0	0	0	973
3440	Effectiveness (Steel Protective Coatings)	SF	973	0	0	0	973





Bridge #00496(Routine)

US 67-19- LM 7.31 over CURRENT RELIEF

Location: 7.25 MI NE JCT US 62 & 67

Team Lead: Richard Jones **Inspection Date:** January 09, 2020

Maintenance Needs

Date Reported: 02/02/2012
Priority: G - General/ Preventive maintenance
Type of Work: None
Status: Monitor
Component:

Deficiency Description

Caps at bents 2 - 5 have cracks, delaminated areas, and spalls; some with rebar exposed.

Remarks



Bridge #00496(Routine)
US 67-19- LM 7.31 over CURRENT RELIEF
Location: 7.25 MI NE JCT US 62 & 67

Team Lead: Richard Jones Inspection Date: January 09, 2020

Date Reported: 02/02/2012
Priority: G - General/ Preventive maintenance
Type of Work: Clean
Status: Monitor
Component: 330 - Metal Bridge Railing

Deficiency Description

Metal bridge rail and posts have surface rust.

Remarks

Date Reported: 02/03/2014
Priority: G - General/ Preventive maintenance
Type of Work: Repair
Status: Monitor
Component: 510 - 16 - Reinforced Concrete Top Flange

Deficiency Description

Asphalt overlay has transverse cracks over joints. Asphalt is raveling out in a few places over joints. Asphalt has areas of map cracking/rutting in wheel path.

Remarks



Joint over bent 3

Date Reported: 02/02/2012
Priority: C - Important
Type of Work: Repair
Status: Monitor
Component: 110 - Reinforced Concrete Open Girder/Beam

Deficiency Description

Fixed ends of concrete girders have moderate sized diagonal cracks/spalls over bents. Most have had patches/extensions added to caps under girders in the past. Ends of a few girders have been patched in the past with grout.

Remarks



Span 5 bent 5 girder 5



Span 4 bent 4 girder 5



Span 4 bent 4 girders 1 and 2



Span 1 bent 2 girder 5



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Location: 7.25 MI NE JCT US 62 & 67

Team Lead: Richard Jones Inspection Date: January 09, 2020

Deck Notes

Asphalt overlay has transverse cracks over joints. Asphalt is raveling out in a few places over joints.
Asphalt has areas of map cracking/rutting in wheel path.
Metal bridge rail and posts have surface rust throughout.
Overhangs have a few minor spalls some with rebar exposed.

Superstructure Notes

Fixed ends of concrete girders have moderate sized diagonal cracks/spalls over bents. Most had patches/extensions added to caps under girders in 2007. Ends of a few girders have been patched in the past with grout.
Concrete diaphragms have several cracks over bents, some with efflorescence.
Span 2 soffit has a spall with rebar exposed between girders 5 and 6.

Substructure Notes

Bent 2 cap has delaminated areas and a spall with 1' of rebar exposed.
Bent 4 cap has a 1' spall and 2' cracked.
Bent 5 cap has 2' cracked and spalled, and 1' of rebar exposed.