



Latitude:34.88434, Longitude:-92.35258

Route:365 Section:11 Log:6.299

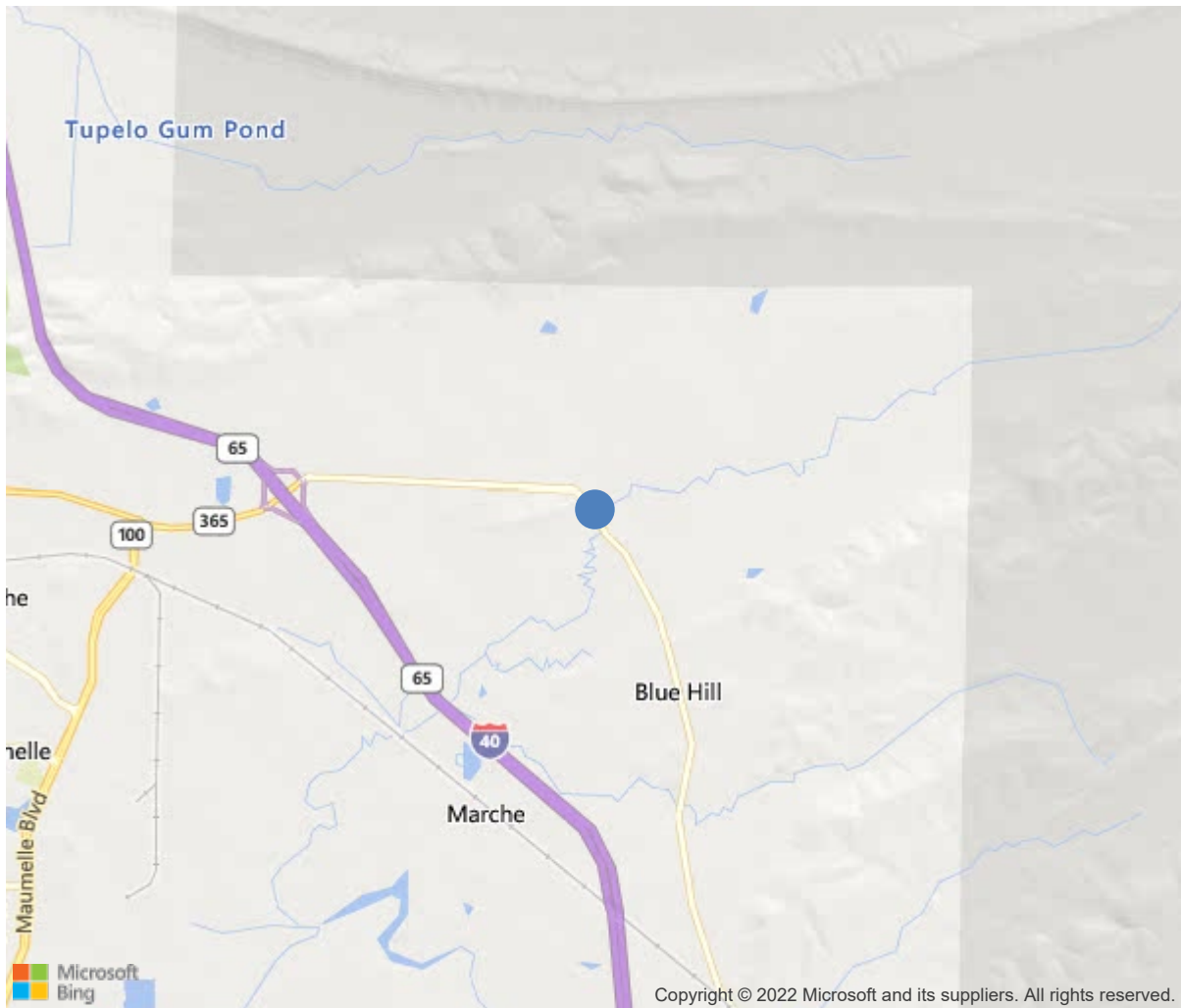
Arnold Road ID:60x365x11xA, Arnold Log mile:6.272

District 06, Pulaski County

Owner: 1-State Highway Agency

Place Code: 50450 - North Little Rock

6.3MI SO FAULKNER CO/I-2



34.88434, -92.35258



Bridge #M2967(Routine)

SH 365 Log 6.30 over BR WHITE OAK BAYOU

Location: 6.3MI SO FAULKNER CO/I-2

Team Lead: Chris Doggett Inspection Date: February 22, 2021

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	M2967
(5) Inventory Route	365
(2) Highway Agency District	06
(3) County Code	119-Pulaski County, Arkansas
(4) Place Code	50450
(6) Features Intersected	BR WHITE OAK BAYOU
(7) Facility Carried	SH 365 Log 6.30
(9) Location	6.3MI SO FAULKNER CO/I-2
(11) Mile Point	6.299 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000365110
(16) Latitude	34.884338
(17) Longitude	-92.352577
(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	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	1919
(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	5085
(30) Year of ADT	2018
(109) Truck ADT	4 %
(19) Bypass, Detour Length	2 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	39.8 ft
(49) Structure Length	42 ft
(50) Curb or Sidewalk Width	
Left	1.3 ft
Right	1.3 ft
(51) Bridge Roadway Width Curb to Curb	25.9 ft
(52) Deck Width Out to Out	28.5 ft
(32) Approach Roadway Width (W/Shoulders)	25.9 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	27.9 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	16-Urban 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	7
(59) Superstructure	6
(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	1
(64) Operating Rating	
Type	1-Load Factor(LF)
Rating	38
(65) Inventory Rating Method	1-Load Factor(LF)
(66) Inventory Rating	
Type	1
Rating	23
(70) Bridge Posting	3-10.0 - 19.9 % below
(41) Structure Open/Posted/Closed	P-Posted for load (may include o
APPRAISAL	
(67) Structural Evaluation	5
(68) Deck Geometry	2
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(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	67 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 265
(96) Total Project Cost	\$ 565
(97) Year of Improvement Cost Estimate	2002
(114) Future ADT	7907
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date			02/2021
(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.			

Team Lead: Chris Doggett, **Inspection Date:** February 22, 2021

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	1190	1140	50	0	0
1090	Exposed Rebar	SF	2	0	2	0	0
1130	Cracking (RC and Other)	SF	48	0	48	0	0
510	Wearing Surfaces	SF	1092	967	125	0	0
3220	Crack (Wearing Surface)	SF	125	0	125	0	0
(12)							
Span 1 spall with exposed rebar between girders 6&7. Soffit near bent 2 between beams 1 & 2 with patched area beginning to deteriorate and spall exposing reinforcing steel.							
107	Steel Open Girder/Beam	LF	376	198	146	32	0
1000	Corrosion	LF	178	0	146	32	0
515	Steel Protective Coating	SF	2155	1157	0	436	562
3440	Effectiveness (Steel Protective Coatings)	SF	998	0	0	436	562
(107)							
Bent 1, beams 1,2,7,8,&9 and bent 2 beams 1,2,3,7,8&9 have surface rust with some active corrosion with pitting. Beam 6 has active rust with pitting on the upper flange. Bent 1, beam 9: measurable section loss to the lower web and bottom flange up to 2 foot from the end of the beam. Beam 8 is in similar condition.							
215	Reinforced Concrete Abutment	LF	130	98	32	0	0
1080	Delamination/Spall/Patched Area	LF	7	0	7	0	0
1130	Cracking (RC and Other)	LF	25	0	25	0	0
(215)							
Both abutments have small spalls at the top and scattered small cracks.							
330	Metal Bridge Railing	LF	84	84	0	0	0
(330)							
Bridge rail has been repaired.							



Soffit near bent 2 between beams 1 & 2 with patched area beginning to deteriorate and spall exposing reinforcing steel.



Soffit view



Deck view



Approach looking south

Maintenance Needs

Date Reported: 02/16/2016
Priority: C - Important
Type of Work: None
Status: Monitor
Component:

Deficiency Description

Beams 1,2,3,8&9 have unpainted sections with surface rust and pitting. Bent 1, beam 9: measurable section loss to the lower web and bottom flange up to 2 foot from the end of the beam.

Remarks



Beam 6 back from bent 2 active rust with moderate pitting on the upper flange. Common at bent 1.



Bent 1, beam 2
Surface rust.
Beam 1 similar.



Bent 1, beam 9
Corrosion with pitting.



Bent 1 beam 9 has active rust with pitting on lower
web and flange common beam 8.



Beams 1&2 have active surface rust.



Bent 1, beam 9: measurable section loss to the lower web and bottom flange up to 2 foot from the end of the beam.



Bridge #M2967 (Routine)

SH 365 Log 6.30 over BR WHITE OAK BAYOU

Location: 6.3MI SO FAULKNER CO/I-2

Team Lead: Chris Doggett **Inspection Date:** February 22, 2021

Inspection Comments

Logged Southbound.