



Latitude:34.88305, Longitude:-92.35185

Route:365 Section:11 Log:6.39

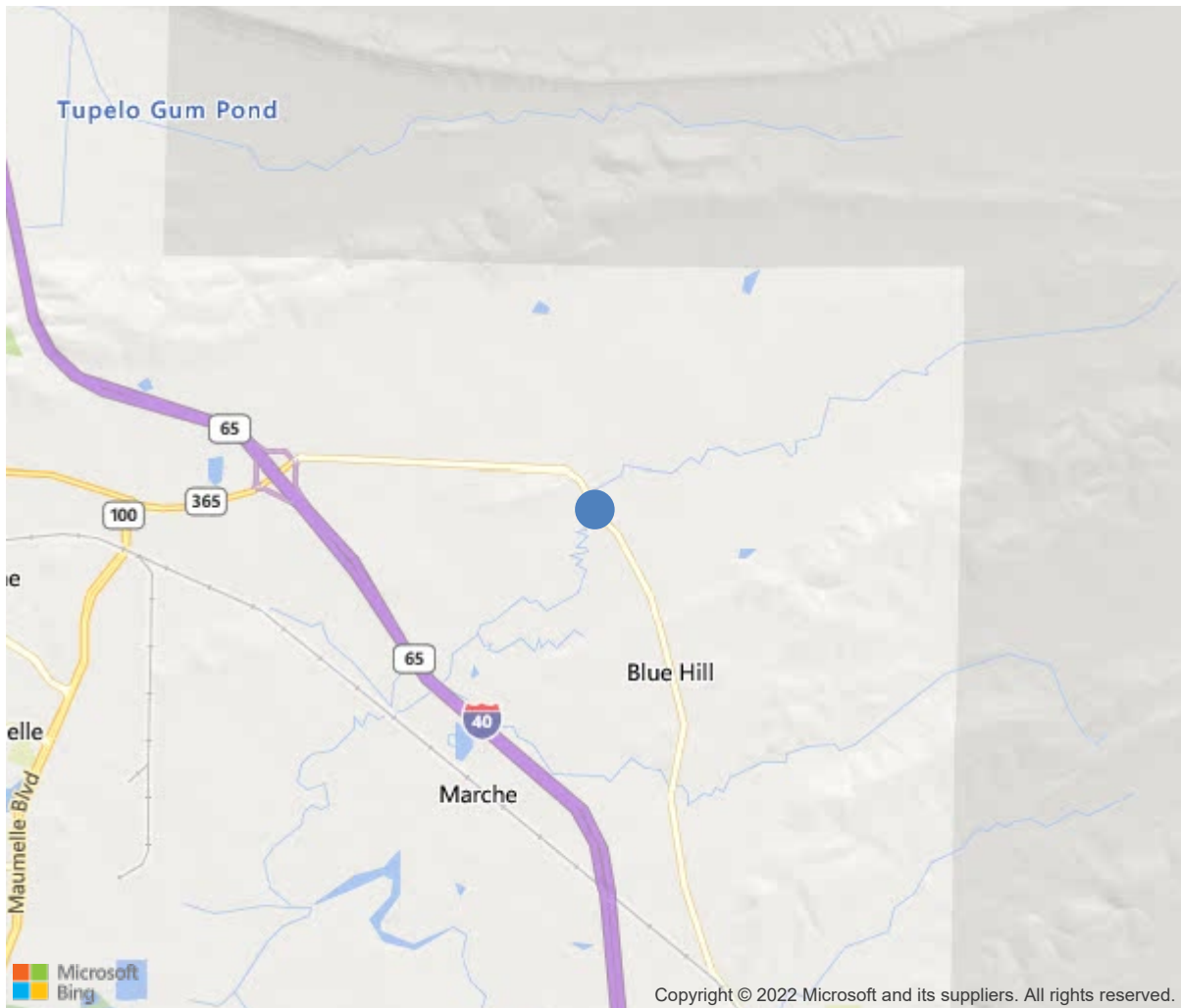
Arnold Road ID:60x365x11xA, Arnold Log mile:6.37

District 06, Pulaski County

Owner: 1-State Highway Agency

Place Code: 50450 - North Little Rock

8.5 MI N OF I-40



34.88305, -92.35185





**Bridge #M2968(Routine)**  
**SH 365 Log 6.39 over WHITE OAK BAYOU**

**Location: 8.5 MI N OF I-40**

**Team Lead: Chris Doggett Inspection Date: February 03, 2020**

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	M2968
(5) Inventory Route	365
(2) Highway Agency District	06
(3) County Code	119-Pulaski County, Arkansas
(4) Place Code	50450
(6) Features Intersected	WHITE OAK BAYOU
(7) Facility Carried	SH 365 Log 6.39
(9) Location	8.5 MI N OF I-40
(11) Mile Point	6.39 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000365110
(16) Latitude	34.88305
(17) Longitude	-92.35185
(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	5100
(30) Year of ADT	2014
(109) Truck ADT	1 %
(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	28.4 ft
(32) Approach Roadway Width (W/Shoulders)	27.9 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	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	7
(59) Superstructure	6
(60) Substructure	6
(61) Channel & Channel Protection	6
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	2-M 13.5 / H 15
(63) Operating Rating Method	1
(64) Operating Rating	
Type	1-Load Factor(LF)
Rating	49.1
(65) Inventory Rating Method	1-Load Factor(LF)
(66) Inventory Rating	
Type	1
Rating	29
(70) Bridge Posting	5-Equal to or above legal loads
(41) Structure Open/Posted/Closed	A-Open, no restriction
APPRAISAL	
(67) Structural Evaluation	6
(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	2003
(114) Future ADT	7907
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date			02/2020
(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.			



Bridge #M2968(Routine)  
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Location: 8.5 MI N OF I-40

Team Lead: Chris Doggett, Inspection Date: February 03, 2020

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	1218	1158	60	0	0
1090	Exposed Rebar	SF	4	0	4	0	0
1130	Cracking (RC and Other)	SF	56	0	56	0	0
510	Wearing Surfaces	SF	1092	1017	75	0	0
3220	Crack (Wearing Surface)	SF	75	0	75	0	0
(12)	Soffit left side of beam 4 has spalls with exposed rebar. Random cracks in the wearing surface.						
107	Steel Open Girder/Beam	LF	387	292	82	13	0
1000	Corrosion	LF	95	0	82	13	0
515	Steel Protective Coating	SF	2197	1748	0	436	13
3440	Effectiveness (Steel Protective Coatings)	SF	449	0	0	436	13
(107)	Beams 1&2 at both abutments have active rust with minor pitting. The bottom of the bottom flanges have freckled rust.						
215	Reinforced Concrete Abutment	LF	138	76	62	0	0
1080	Delamination/Spall/Patched Area	LF	7	0	7	0	0
1130	Cracking (RC and Other)	LF	15	0	15	0	0
1190	Abrasion/Wear (PSC/RC)	LF	40	0	40	0	0
(215)	Small spalls under the beams at both abutments. Scattered small cracks in both abutments. Moderate abrasion on both abutments.						
330	Metal Bridge Railing	LF	84	84	0	0	0



Abrasion at bent 2 abutment.



Approach looking south





Soffit view



Deck view

## Maintenance Needs

**Date Reported:** 02/17/2016  
**Priority:** C - Important  
**Type of Work:** None  
**Status:** Monitor  
**Component:**

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## Deficiency Description

Beams 1&2 at both abutments have some active rust with minor pitting. Photo attached.

## Remarks

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Bent 2, beam 1  
Active rust with minor pitting at the end.



**Bridge #M2968**(Routine)

**SH 365 Log 6.39 over WHITE OAK BAYOU**

**Location: 8.5 MI N OF I-40**

**Team Lead:** Chris Doggett **Inspection Date:** February 03, 2020

**Inspection Comments**

Revised sketch attached.

Logged Southbound