



Latitude:35.08567, Longitude:-91.86368

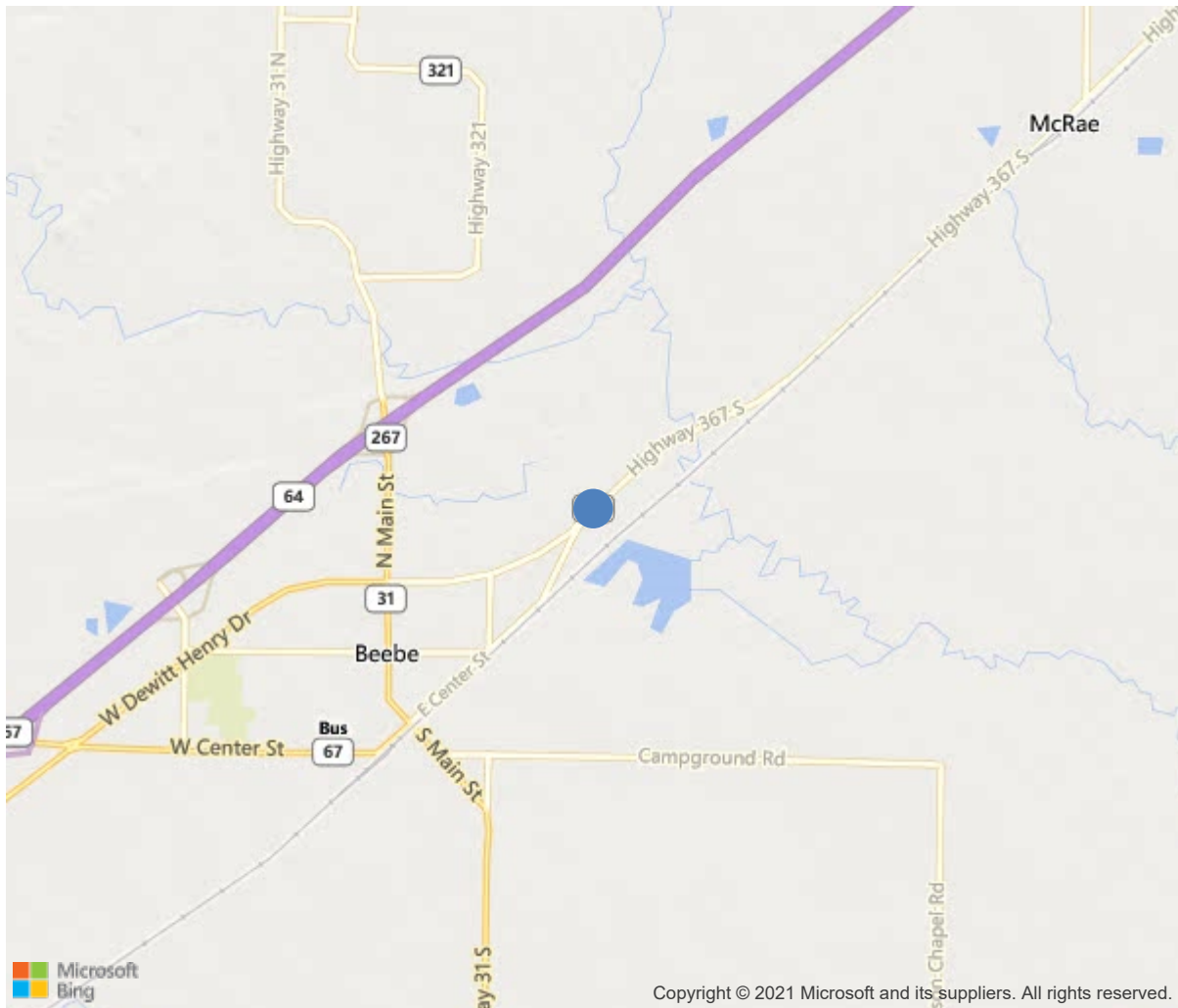
Route:367 Section:15 Log:5.459

Arnold Road ID:73x367x15xA, Arnold Log mile:5.455

District 05, White County

Owner: 1-State Highway Agency

1.10 MI NE JCT OF SH 31



35.08567, -91.86368



Bridge #01462(Routine, Underwater type 2)

SH 367 White Co. over GUM BAYOU

Location: 1.10 MI NE JCT OF SH 31

Team Lead: Nathan Edwards Inspection Date: September 20, 2021

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	01462
(5) Inventory Route	367
(2) Highway Agency District	05
(3) County Code	145-White County, Arkansas
(4) Place Code	0
(6) Features Intersected	GUM BAYOU
(7) Facility Carried	SH 367 White Co.
(9) Location	1.10 MI NE JCT OF SH 31
(11) Mile Point	5.459 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	35.08567
(17) Longitude	-91.86368
(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	1-Monolithic Concrete (concurrently placed
Type of Membrane	0-None
Type of Deck Protection	0-None
AGE AND SERVICE	
(27) Year Built	1930
(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	2100
(30) Year of ADT	2014
(109) Truck ADT	1 %
(19) Bypass, Detour Length	15 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	36.1 ft
(49) Structure Length	181.1 ft
(50) Curb or Sidewalk Width	
Left	0.7 ft
Right	0.7 ft
(51) Bridge Roadway Width Curb to Curb	24 ft
(52) Deck Width Out to Out	26.9 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	24 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	7-Rural Major Collector
(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	6
(61) Channel & Channel Protection	7
(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	57
(65) Inventory Rating Method	1-Load Factor(LF)
(66) Inventory Rating	
Type	5
Rating	34
(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	7
(72) Approach Roadway Alignment	7
(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	211.9 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 125000
(96) Total Project Cost	\$ 508000
(97) Year of Improvement Cost Estimate	2000
(114) Future ADT	3117
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	09/2021		
(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.			



Bridge #01462(Routine, Underwater type 2)

SH 367 White Co. over GUM BAYOU

Location: 1.10 MI NE JCT OF SH 31

Team Lead: Nathan Edwards, Inspection Date: September 20, 2021

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
16	Reinforced Concrete Top Flange	SF	4869	0	4609	260	0
1080	Delamination/Spall/Patched Area	SF	21	0	19	2	0
1090	Exposed Rebar	SF	8	0	0	8	0
1120	Efflorescence/Rust Staining	SF	80	0	0	80	0
1130	Cracking (RC and Other)	SF	170	0	0	170	0
1190	Abrasion/Wear (PSC/RC)	SF	4590	0	4590	0	0
(16)	Transverse cracking to deck, most sealed. Spans 1 & 5 are spalled @ joints. SEE FORM III for detailed descriptions and locations of deficiencies.						
110	Reinforced Concrete Open Girder/Beam	LF	895	861	8	26	0
1080	Delamination/Spall/Patched Area	LF	6	0	6	0	0
1090	Exposed Rebar	LF	26	0	0	26	0
1130	Cracking (RC and Other)	LF	2	0	2	0	0
(110)	Spalls with rebar exposed to girders @ all spans SEE FORM III for detailed descriptions and locations of deficiencies.						
215	Reinforced Concrete Abutment	LF	60	18	41	1	0
1130	Cracking (RC and Other)	LF	2	0	1	1	0
6000	Scour	LF	40	0	40	0	0
(215)	Minor cracks to abutments. Abutment 1 - Erosion to slope with 2 piles exposed. Abutment 2 - Erosion to slope with 3 piles exposed. SEE FORM III for detailed descriptions and locations of deficiencies.						
227	Reinforced Concrete Pile	EA	25	4	17	4	0
1080	Delamination/Spall/Patched Area	EA	2	0	2	0	0
1190	Abrasion/Wear (PSC/RC)	EA	19	0	15	4	0
(227)	Spalls to Piles 1 & 3 @ Bent 2. All piles have moderate scaling @ bottom. SEE FORM III for detailed descriptions and locations of deficiencies.						
234	Reinforced Concrete Pier Cap	LF	91	75	8	8	0
1080	Delamination/Spall/Patched Area	LF	6	0	5	1	0

Team Lead: Nathan Edwards, **Inspection Date:** September 20, 2021

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
1090	Exposed Rebar	LF	7	0	0	7	0
1130	Cracking (RC and Other)	LF	3	0	3	0	0
(234)	Bent 1 - Spall with 3' rebar exposed to bottom of cap between Piles 4 & 5. Vertical crack to Left end of cap. Cracks to back of cap @ Piles 2 & 3. Bent 2 - Spall with 1' rebar exposed to Left end of cap. Area of delamination to bottom of cap. Bent 3 - Spall with 3' rebar exposed to bottom of cap between Piles 4 & 5. Bent 4 - 1 square foot cracked & delaminated area to Left end of cap.						
301	Pourable Joint Seal	LF	48	0	0	31	17
2310	Leakage	LF	48	0	0	31	17
(301)	Seals are cracked, deteriorated and losing adhesion with portions missing & leaking at Bents 1 & 3.						
311	Movable Bearing	EA	10	5	0	5	0
2240	Loss of Bearing Area	EA	5	0	0	5	0
(311)	Loss of bearing area @ ends of Girders 1, 2 & 3 @ beginning of Span 2. Loss of bearing area to Moveable Bearings 3 & 5 @ beginning of Span 4.						
331	Reinforced Concrete Bridge Railing	LF	362	330	6	26	0
1090	Exposed Rebar	LF	2	0	0	2	0
1130	Cracking (RC and Other)	LF	7	0	6	1	0
7000	Damage	LF	23	0	0	23	0
(331)	Concrete railing & post cracking & spalling SEE FORM III for detailed descriptions and locations of deficiencies.						



Roadway with Log Mile running Southwest to Northeast.

Maintenance Needs

Date Reported: 09/13/2011

Priority: D- Routine

Type of Work: Repair

Status: Monitor

Component:

Deficiency Description

Abutment 1 has settlement with 2 Piles exposed.

Abutment 2 has settlement with 3 Piles exposed.

Remarks



Abutment 1 & 2 has settlement with piles exposed.



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Location: 1.10 MI NE JCT OF SH 31

Team Lead: Nathan Edwards **Inspection Date:** September 20, 2021

Date Reported: 09/13/2011

Priority: D- Routine

Type of Work: Repair

Status: Monitor

Component:

Deficiency Description

Random cracking & spalls to concrete post & bridge railing @ all spans.

Remarks



Random cracking & spalls to concrete post &
bridge railing @ all spans.



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SH 367 White Co. over GUM BAYOU

Location: 1.10 MI NE JCT OF SH 31

Team Lead: Nathan Edwards **Inspection Date:** September 20, 2021

Date Reported: 09/13/2011

Priority: D- Routine

Type of Work: Repair

Status: Monitor

Component:

Deficiency Description

Spalls with rebar exposed to Girders @ Spans 1 - 5.

Remarks



Spalls with rebar exposed to Girders @ Spans 1 - 5.

Date Reported: 09/13/2011

Priority: D- Routine

Type of Work: Repair

Status: Monitor

Component:

Deficiency Description

Soffit has Spalls with rebar exposed at various locations @ Spans 1 thru 5

Remarks



Typical of Spalls to soffit with rebar exposed at various locations @ Spans 1 thru 5



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Team Lead: Nathan Edwards **Inspection Date:** September 20, 2021

Date Reported: 09/13/2011

Priority: D- Routine

Type of Work: Repair

Status: Monitor

Component:

Deficiency Description

Spalls with rebar exposed to caps @ Bents 1 - 3.

Remarks



Spalls with rebar exposed to caps @ Bents 1 - 3.

Date Reported: 09/11/2017
Priority: C - Important
Type of Work: Clean
Status: Assigned
Component: Channel

Deficiency Description

Heavy vegetation on Left & Right sides of bridge.

Remarks



Vegetation on Right side of bridge.



Vegetation on Left side of bridge.



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SH 367 White Co. over GUM BAYOU

Location: 1.10 MI NE JCT OF SH 31

Team Lead: Nathan Edwards **Inspection Date:** September 20, 2021

Date Reported: 09/11/2017

Priority: D- Routine

Type of Work: N/A

Status: Assigned

Component:

Deficiency Description

Roadway settlement @ Abutment 1.

Remarks



Roadway settlement @ Abutment 1.

Date Reported: 09/20/2021
Priority: C - Important
Type of Work: Repair
Status: Open
Component: 110 - Reinforced Concrete Open Girder/Beam

Deficiency Description

Loss of bearing area @ ends of Girders 1, 2 & 3 @ beginning of Span 2.
Loss of bearing area @ ends of Girders 3 & 5 @ beginning of Span 4.

Remarks



Loss of bearing area @ ends of Girders 1, 2 & 3 @ beginning of Span 2.



Loss of bearing area @ ends of Girders 3 & 5 @ beginning of Span 4.



Bridge #01462(Routine, Underwater type 2)

SH 367 White Co. over GUM BAYOU

Location: 1.10 MI NE JCT OF SH 31

Team Lead: Nathan Edwards **Inspection Date:** September 20, 2021

Inspection Comments

Elevation with Log Mile running to the Right.
Const. Job 595