



Latitude:35.13195, Longitude:-91.82033

Route:13 Section:13 Log:1.2

Arnold Road ID:73x13x13xA, Arnold Log mile:1.163

District 05, White County

Owner: 1-State Highway Agency

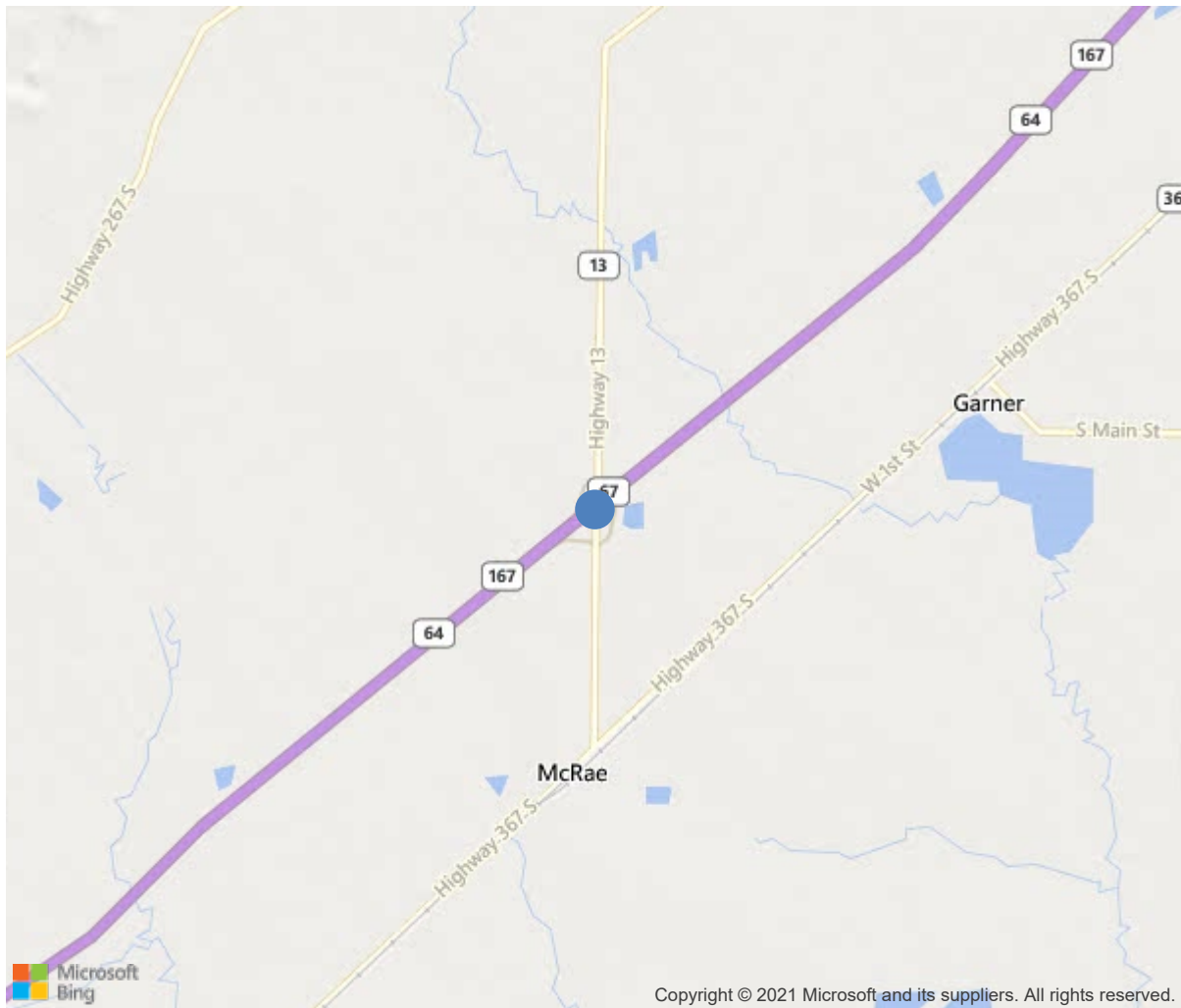


Bridge #05356(Routine)
SH13 OP WHITE CO. over US 67-SEC 12

Location: 1.20 MI N JCT SH 367

Team Lead: Kerry Little **Inspection Date:** March 02, 2020

1.20 MI N JCT SH 367



35.13195, -91.82033



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SH13 OP WHITE CO. over US 67-SEC 12

Location: 1.20 MI N JCT SH 367

Team Lead: Kerry Little Inspection Date: March 02, 2020

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	05356
(5) Inventory Route	13
(2) Highway Agency District	05
(3) County Code	145-White County, Arkansas
(4) Place Code	0
(6) Features Intersected	US 67-SEC 12
(7) Facility Carried	SH13 OP WHITE CO.
(9) Location	1.20 MI N JCT SH 367
(11) Mile Point	1.2 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	35.13195
(17) Longitude	-91.82033
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	42
Material	4-Steel continuous
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	4
(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	1973
(106) Year Reconstructed	0
(42) Type of Service	61
On	6-Overpass structure at an interchange or secon
Under	1-Highway, with or without pedestrian
(28) Lane	
On	2
Under	4
(29) Average Daily Traffic	1500
(30) Year of ADT	2014
(109) Truck ADT	1 %
(19) Bypass, Detour Length	0 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	111 ft
(49) Structure Length	343 ft
(50) Curb or Sidewalk Width	
Left	0.4 ft
Right	0.4 ft
(51) Bridge Roadway Width Curb to Curb	27.9 ft
(52) Deck Width Out to Out	31 ft
(32) Approach Roadway Width (W/Shoulders)	44 ft
(33) Bridge Median	0-No median
(34) Skew	39 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	29.2 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	16.47 ft
Ref:	
(55) Min Lat Underclear RT	28.2 ft
Ref:	
(56) Min Lat Underclear LT	29.9 ft
NAVIGATION DATA	
(38) Navigation Control	N-Not applicable, no waterway.
(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	N
(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	4
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	7
(68) Deck Geometry	5
(69) Clearances, Vertical/Horizontal	7
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	1-Inspected feature meets currently a
(36B) Transitions	1-Inspected feature meets currently a
(36C) Approach Guardrail	0-Inspected feature does not meet cur
(36D) Approach Guardrail Ends	1-Inspected feature meets currently a
(113) Scour Critical Bridges	N-Bridge not over waterway.
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	1762
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date			03/2020
(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.			

Team Lead: Kerry Little, **Inspection Date:** March 02, 2020

[illegible]

Location: 1.20 MI N JCT SH 367

Team Lead: Kerry Little, **Inspection Date:** March 02, 2020

[illegible]



Logmile looking north.



Overall deck @ spans 1-2.



Overall soffit @ span 3.



Spall to deck @ Lt side span 1.



Typical efflor cracking to deck @ all spans



Typical efflor cracking to Lt and Rt overhangs.



Typical cracks to deck @ all spans



Typical cracks to deck @ all spans





Areas of rust & corrosion to girders.



Typical cracks to Abutment 1 & 2.

Maintenance Needs

Date Reported: 03/12/2012

Priority: D- Routine

Type of Work: None

Status: Monitor

Component:

Deficiency Description

Rust & corrosion to bearings @ Abutment 1 & 2.

Remarks



Rust & corrosion to bearings @ Abutment 1 & 2.



Rust & corrosion to bearings @ Abutment 1 & 2.

Date Reported: 03/12/2012
Priority: C - Important
Type of Work: None
Status: Assigned
Component:

Deficiency Description

Concrete rip rap has settled, cracked & separated @ Abutment 2.
Also Rt wing @ abutment 2 is separated.

Remarks



Concrete rip rap has settled, cracked & separated
@ Abutment 2.



Concrete rip rap has settled, cracked & separated
@ Abutment 2.
Also Rt wing @ abutment 2 is separated.



Concrete rip rap has settled, cracked & separated
@ Abutment 2.

Also Rt wing @ abutment 2 is separated.

Date Reported: 03/12/2012

Priority: D- Routine

Type of Work: None

Status: Monitor

Component:

Deficiency Description

Unsealed cracks to deck @ all spans & approach slabs @ Abutment 1

Remarks



Unsealed cracks to deck @ all spans & approach slabs @ Abutment 1.



Unsealed cracks to deck @ all spans & approach slabs @ Abutment 1.



Bridge #05356(Routine)
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Location: 1.20 MI N JCT SH 367

Team Lead: Kerry Little Inspection Date: March 02, 2020

Date Reported: 03/17/2014

Priority: D- Routine

Type of Work: None

Status: Assigned

Component:

Deficiency Description

Roadway settled & uneven @ Abutment 1 & 2

Remarks



Roadway settled & uneven @ Abutment 1 & 2.



Roadway settled & uneven @ Abutment 1 & 2.



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Inspection Comments

Log Mile looking North.

Construction Job 5608.