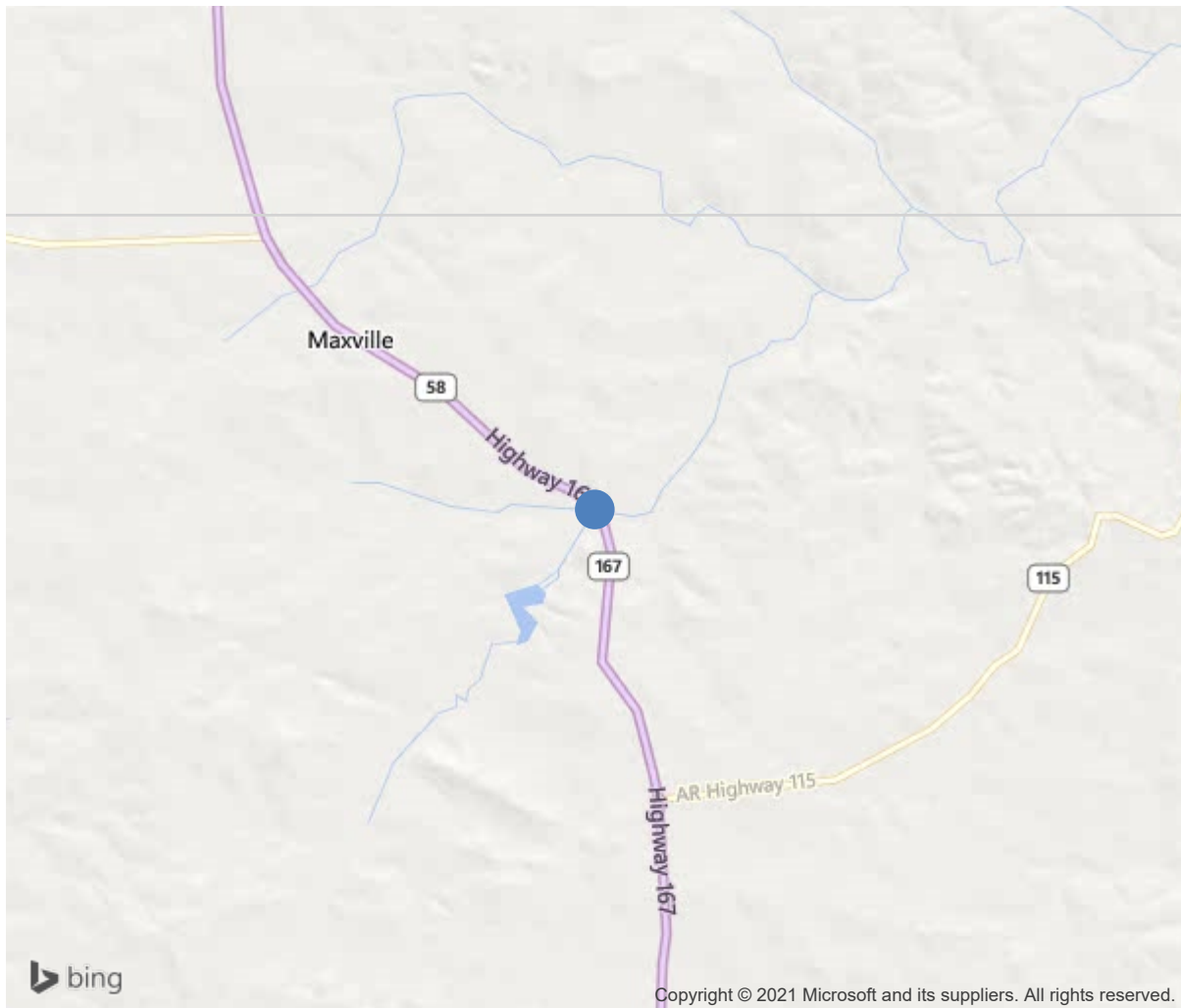




Bridge #02691 (Routine)
US 167 Sharp Co. over BIG CREEK
Location: 1.6 MI N JCT 115

Team Lead: Nathan Edwards **Inspection Date:** October 10, 2021

1.6 MI N JCT 115



35.97916, -91.55440



Bridge #02691(Routine)

US 167 Sharp Co. over BIG CREEK

Location: 1.6 MI N JCT 115

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IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	02691
(5) Inventory Route	167
(2) Highway Agency District	05
(3) County Code	135-Sharp County, Arkansas
(4) Place Code	0
(6) Features Intersected	BIG CREEK
(7) Facility Carried	US 167 Sharp Co.
(9) Location	1.6 MI N JCT 115
(11) Mile Point	2.929 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000167190
(16) Latitude	35.97916
(17) Longitude	-91.5544
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	11
Material	1-Concrete
Type	1-Slab
(44) Approach Structure Type	00
Material	0-Other
Type	0-Other
(45) No. of Spans in Main Unit	3
(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	1950
(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	5791
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	10 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	25 ft
(49) Structure Length	66 ft
(50) Curb or Sidewalk Width	
Left	1.4 ft
Right	1.4 ft
(51) Bridge Roadway Width Curb to Curb	25.9 ft
(52) Deck Width Out to Out	29.6 ft
(32) Approach Roadway Width (W/Shoulders)	32.2 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	26.2 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	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	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	6
(59) Superstructure	6
(60) Substructure	7
(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	37
(65) Inventory Rating Method	1-Load Factor(LF)
(66) Inventory Rating	
Type	3
Rating	22
(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	3
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	7
(36) Traffic Safety Features	0011
A) Bridge Railings	0-Inspected feature does not meet cur
B) Transitions	0-Inspected feature does not meet cur
C) Approach Guardrail	1-Inspected feature meets currently a
D) Approach Guardrail Ends	1-Inspected feature meets currently a
(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	91 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 176
(96) Total Project Cost	\$ 367
(97) Year of Improvement Cost Estimate	2002
(114) Future ADT	5118
(115) Year of Future ADT	2028
INSPECTIONS	
(90) Inspection Date	
(91) Frequency	24 Months
(92) Critical Feature Inspection	Done Freq. (Mon) Date
A: Fracture Critical Detail	No 24
B: Underwater Inspection	No 0
C: Other Special Inspection	No 0

Team Lead: Nathan Edwards, **Inspection Date:** October 10, 2021

[illegible]



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ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
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Bridge #02691 (Routine)
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Team Lead: Nathan Edwards **Inspection Date:** October 10, 2021

Maintenance Needs

Date Reported: 11/04/2011
Priority: C - Important
Type of Work: None
Status: Monitor
Component:

Deficiency Description

Span 1, 2, & 3 has large spalls & efflor. cracking to Lt & Rt. edge & outside edge of deck below with rebar exposed.

Remarks



Span 1 - Large spalls & efflorescence cracking to Left Edge & Outside Edge of Deck below with rebar exposed.



Span 2 - Large spalls & efflorescence cracking to Left Edge & Outside Edge of Deck below with rebar exposed.



Span 3 - Large
spalls & efflorescence cracking to Left Edge &
Outside Edge of Deck below with 25' total rebar
exposed with heavy section loss to Rebar @ Span
1.

Date Reported: 10/10/2019
Priority: C - Important
Type of Work: None
Status: Monitor
Component:

Deficiency Description

Large spalls & areas of deterioration with rebar exposed to Lt. & Rt. curbs, outside edge of curbs and bottom of concrete guardrail post.

Remarks



Efflorescence cracking & spalling to bottom of Concrete Guardrail Post & Outside Edge of Deck, some with rebar exposed. (Mostly on Left side)



Heavy spalls & deterioration to Left & Right Curbs with rebar exposed.



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Inspection Comments

Log Mile running North

Const. Job 5347 Layout & X Section were copied from Microfiche.