



Latitude:35.94142, Longitude:-91.53589

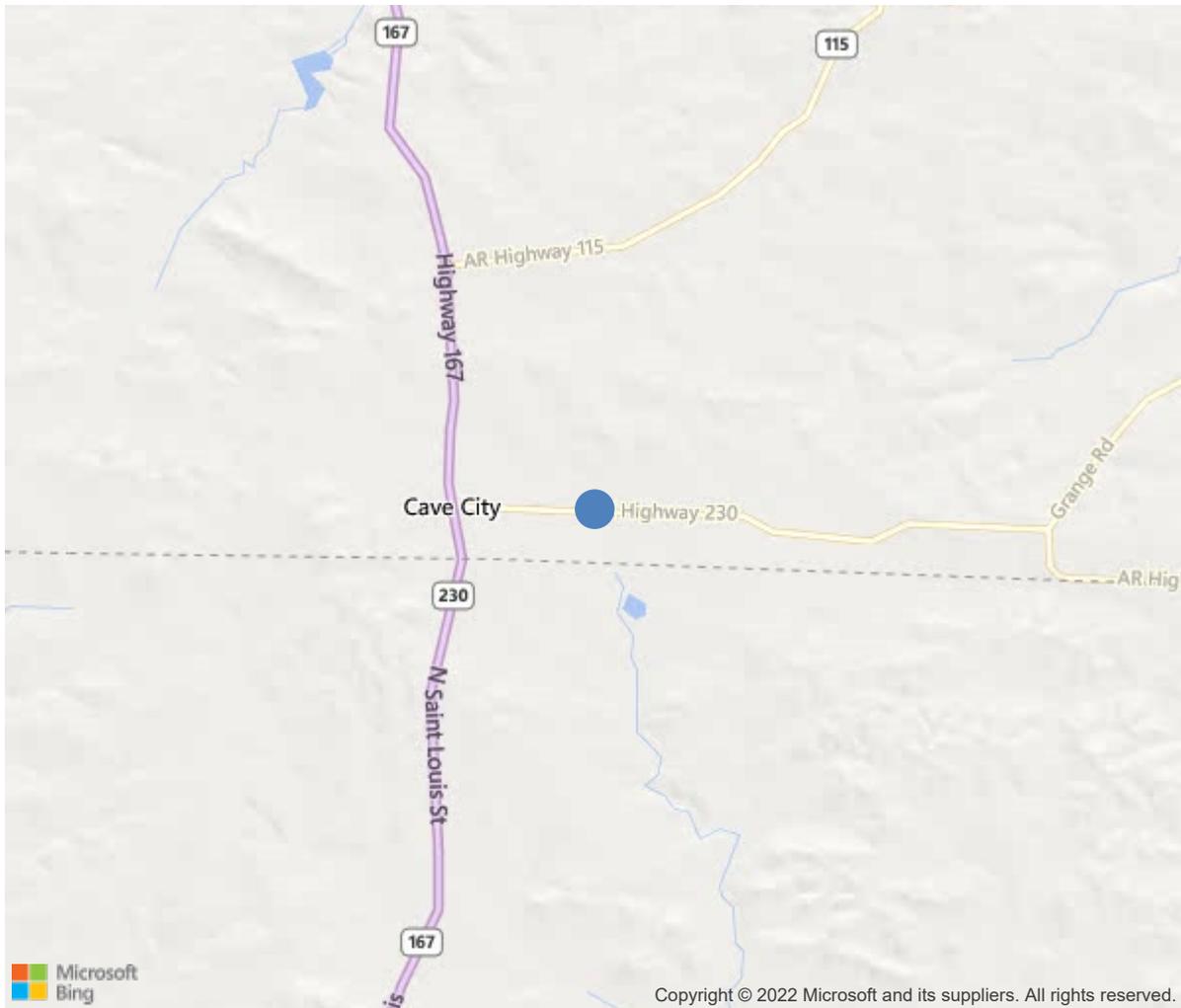
Route:230 Section:01 Log:0.71

Arnold Road ID:67x230x1xA, Arnold Log mile:0.703

District 05, Sharp County

Owner: 1-State Highway Agency

.7 M E JCT US 167



35.94142, -91.53589

Inspection Direction : W to E



Bridge #06849(Routine)

SH 230 Sharp Co. over Rolling Fork

Location: .7 M E JCT US 167

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

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	06849
(5) Inventory Route	230
(2) Highway Agency District	05
(3) County Code	135-Sharp County, Arkansas
(4) Place Code	0
(6) Features Intersected	Rolling Fork
(7) Facility Carried	SH 230 Sharp Co.
(9) Location	.7 M E JCT US 167
(11) Mile Point	0.71 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	35.94142
(17) Longitude	-91.53589
(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	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	1-Monolithic Concrete (concurrently placed
Type of Membrane	0-None
Type of Deck Protection	1-Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	2003
(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	2600
(30) Year of ADT	2014
(109) Truck ADT	1 %
(19) Bypass, Detour Length	7 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	30 ft
(49) Structure Length	93 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	40 ft
(52) Deck Width Out to Out	43.2 ft
(32) Approach Roadway Width (W/Shoulders)	40 ft
(33) Bridge Median	0-No median
(34) Skew	40 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	40 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	99.9 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	7
(59) Superstructure	8
(60) Substructure	7
(61) Channel & Channel Protection	8
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	5-MS 18 / HS 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	3
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	6
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(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	1-Inspected feature meets currently a
(36D) Approach Guardrail Ends	1-Inspected feature meets currently a
(113) Scour Critical Bridges	8-Bridge foundations determined to be
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$
(96) Total Project Cost	\$
(97) Year of Improvement Cost Estimate	
(114) Future ADT	2815
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date			07/2021
(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 #06849**(Routine)  
**SH 230 Sharp Co. over Rolling Fork**  
**Location: .7 M E JCT US 167**

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

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	4018	3757	261	0	0
1120	Efflorescence/Rust Staining	SF	54	0	54	0	0
1130	Cracking (RC and Other)	SF	207	0	207	0	0
(12)	Few unsealed cracks to deck. A few transverse efflorescent cracks to Left & Right overhangs @ all spans.						
107	Steel Open Girder/Beam	LF	540	540	0	0	0
515	Steel Protective Coating	SF	3094	3094	0	0	0
205	Reinforced Concrete Column	EA	6	6	0	0	0
215	Reinforced Concrete Abutment	LF	106	88	18	0	0
1120	Efflorescence/Rust Staining	LF	18	0	18	0	0
(215)	Full height vertical efflorescent cracks with rust stains to back walls @ Abutments 1 & 2.						
234	Reinforced Concrete Pier Cap	LF	105	105	0	0	0
302	Compression Joint Seal	LF	111	111	0	0	0
311	Movable Bearing	EA	18	18	0	0	0
515	Steel Protective Coating	SF	36	36	0	0	0
(311)	1/8" - 3/8" gap between bearing pad & concrete cap @ Bent 1 (filled with epoxy)						
313	Fixed Bearing	EA	6	6	0	0	0
515	Steel Protective Coating	SF	12	12	0	0	0
(313)	1/8" - 3/8" gap between bearing pad & concrete cap Bent 2 (filled with epoxy)						
331	Reinforced Concrete Bridge Railing	LF	180	135	45	0	0
1130	Cracking (RC and Other)	LF	45	0	45	0	0
(331)	Vertical cracking & areas of minor map cracking to parapets.						



Roadway with Log Mile running West to East.



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## **Maintenance Needs**



**Bridge #06849**(Routine)  
**SH 230 Sharp Co. over Rolling Fork**  
**Location: .7 M E JCT US 167**

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

**Inspection Comments**

Elevation with Log Mile running to the Left.  
Const. Job #05009