



Latitude:34.71264, Longitude:-93.03492

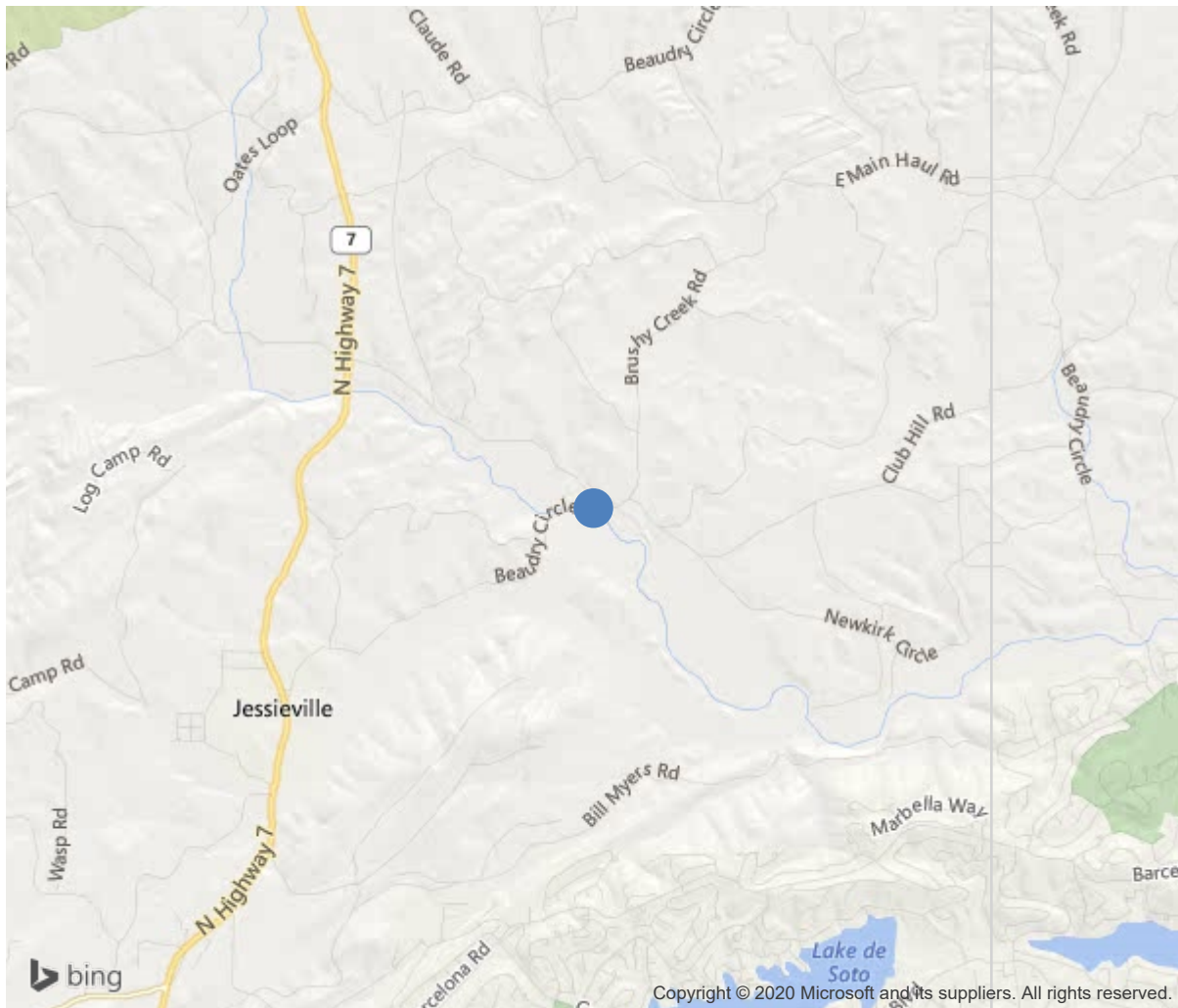
Route:73 Section:00 Log:9.4

Arnold Road ID:26xBEAUDRYCIRx1xA, Arnold Log mile:2.099

District 06, Garland County

Owner: 2-County Highway Agency

2.1 M N JCT CORD 73 & SH7



34.71264, -93.03492



Bridge #17971(Routine)
CR 73, BEAUDRY CIR over MID FORK SALINE RIVER

Location: 2.1 M N JCT CORD 73 & SH7

Team Lead: Shane Byrd Inspection Date: February 05, 2019

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	17971
(5) Inventory Route	73
(2) Highway Agency District	06
(3) County Code	51-Garland County, Arkansas
(4) Place Code	0
(6) Features Intersected	MID FORK SALINE RIVER
(7) Facility Carried	CR 73, BEAUDRY CIR
(9) Location	2.1 M N JCT CORD 73 & SH7
(11) Mile Point	9.4 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	34.71264
(17) Longitude	-93.03492
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	122
Material	1-Concrete
Type	22-Channel beam
(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	1970
(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	169
(30) Year of ADT	1987
(109) Truck ADT	1 %
(19) Bypass, Detour Length	2 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	45 ft
(49) Structure Length	135 ft
(50) Curb or Sidewalk Width	
Left	0.9 ft
Right	0.9 ft
(51) Bridge Roadway Width Curb to Curb	21.3 ft
(52) Deck Width Out to Out	23.1 ft
(32) Approach Roadway Width (W/Shoulders)	20 ft
(33) Bridge Median	0-No median
(34) Skew	12 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	22.6 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		2-County Highway Agency	
(22) Owner		2-County Highway Agency	
(37) Historical Significance		4-Historical significance is not dete	
CONDITION			
(58) Deck			7
(59) Superstructure			6
(60) Substructure			5
(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			42
(65) Inventory Rating Method		1-Load Factor(LF)	
(66) Inventory Rating			
Type			3
Rating			25
(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			4
(69) Clearances, Vertical/Horizontal			N
(71) Waterway Adequacy			8
(72) Approach Roadway Alignment			3
(36) Traffic Safety Features			0000
A) Bridge Railings		0-Inspected feature does not meet cur	
B) Transitions		0-Inspected feature does not meet cur	
C) Approach Guardrail		0-Inspected feature does not meet cur	
D) 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			
(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			222
(115) Year of Future ADT			2007
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	



Bridge #17971 (Routine)
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Location: 2.1 M N JCT CORD 73 & SH7
Team Lead: Shane Byrd, Inspection Date: February 05, 2019

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
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Bent 3 cap ahead face has crack and contact spall on right side.



Bent 1 abutment has vertical cracks average width of 0.020".



Span 1 channel unit 6 12' ahead of bent 1 has spalls in legs.



Logs wedged against bent 2 have been removed.



Bent 2 ahead column 1 has crack with efflorescence.



Bent 4 abutment has contact spall under channel unit 3.



Approach Southbound.



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Maintenance Needs



Bridge #17971(Routine)
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Team Lead: Shane Byrd **Inspection Date:** February 05, 2019

Inspection Comments

Logged Southbound.

Deck Notes

Cracks in the asphalt wearing surface.

Superstructure Notes

All three spans have some small spalls on the bottom of the channel beams.

Channel units are not bolted transversely

Substructure Notes

Both abutments have diagonal cracks in the breast walls. Bents 2,3&4 have exposed footings, the footings are irregular in shape and are cast on exposed rock formations.