



Latitude:34.67015, Longitude:-92.38091

Route:30 Section:23 Log:130.62

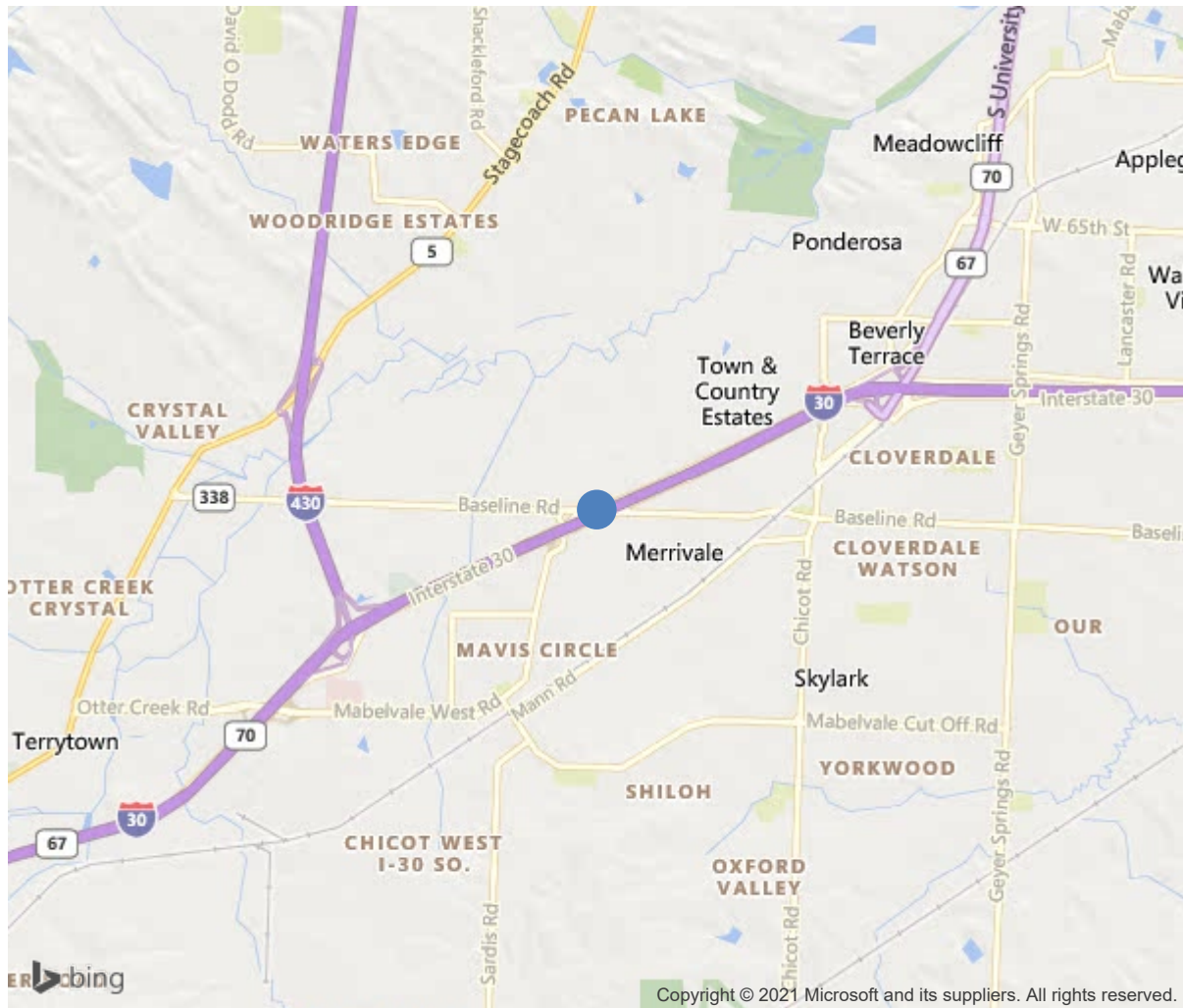
Arnold Road ID:60x30x23xB, Arnold Log mile:12.411

District 06, Pulaski County

Owner: 1-State Highway Agency

Place Code: 39020 - LITTLE ROCK

I-30, Sec 23, Log 130.62g



34.67015, -92.38091



Bridge #A6919(Routine)

I-30 WB Log 130.62 over SH 338/Baseline Rd.

Location: I-30, Sec 23, Log 130.62g

Team Lead: Keith Harris Inspection Date: May 30, 2019

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	A6919
(5) Inventory Route	30
(2) Highway Agency District	06
(3) County Code	119-Pulaski County, Arkansas
(4) Place Code	39020
(6) Features Intersected	SH 338/Baseline Rd.
(7) Facility Carried	I-30 WB Log 130.62
(9) Location	I-30, Sec 23, Log 130.62g
(11) Mile Point	130.62 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000030230
(16) Latitude	34.6701522007636
(17) Longitude	-92.3809140527439
(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	1
(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	2004
(106) Year Reconstructed	0
(42) Type of Service	11
On	1-Highway
Under	1-Highway, with or without pedestrian
(28) Lane	
On	3
Under	6
(29) Average Daily Traffic	97710
(30) Year of ADT	2014
(109) Truck ADT	26 %
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	242 ft
(49) Structure Length	242 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	36.1 ft
(52) Deck Width Out to Out	56 ft
(32) Approach Roadway Width (W/Shoulders)	36.1 ft
(33) Bridge Median	0-No median
(34) Skew	64 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	56.1 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	16.92 ft
Ref:	
(55) Min Lat Underclear RT	4.6 ft
Ref:	
(56) Min Lat Underclear LT	4.6 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	1
(26) Functional Class	11-Urban Principal Arterial - Int
(100) Defense Highway	1-The inventory route is on a In
(101) Parallel Structure	R-The right structure of paralle
(102) Direction of Traffic	1 - 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	7
(59) Superstructure	8
(60) Substructure	8
(61) Channel & Channel Protection	N
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	6-MS 18+Mod / HS 20+Mod
(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	1
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	8
(68) Deck Geometry	2
(69) Clearances, Vertical/Horizontal	3
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	6
(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	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	53143
(115) Year of Future ADT	2028
INSPECTIONS	
(90) Inspection Date	05/2019
(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



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Team Lead: Keith Harris, Inspection Date: May 30, 2019

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	14298	12869	1429	0	0
1130	Cracking (RC and Other)	SF	1429	0	1429	0	0
(12)	Scattered transverse and diagonal cracks up to 0.040 wide.						
107	Steel Open Girder/Beam	LF	1452	1452	0	0	0
515	Steel Protective Coating	SF	43378	43378	0	0	0
215	Reinforced Concrete Abutment	LF	366	366	0	0	0
300	Strip Seal Expansion Joint	LF	270	15	247	8	0
2310	Leakage	LF	8	0	0	8	0
2350	Debris Impaction	LF	247	0	247	0	0
(300)	Bent 1 up to three foot of strip seal has pulled out of joint armor. See photo. Also, both joints are full of debris.						
310	Elastomeric Bearing	EA	12	12	0	0	0
321	Reinforced Concrete Approach Slab	SF	5995	4717	810	468	0
1080	Delamination/Spall/Patched Area	SF	3	0	0	3	0
1130	Cracking (RC and Other)	SF	1275	0	810	465	0
(321)	Both approach slabs have large cracks. See photo. Approach slab at bent two has small spalls.						
331	Reinforced Concrete Bridge Railing	LF	484	387	96	1	0
1080	Delamination/Spall/Patched Area	LF	1	0	0	1	0
1130	Cracking (RC and Other)	LF	96	0	96	0	0





Cracks in deck up to 0.040"



Approach





Joints are half full of debris



Bridge rail at bent 2





Small spalls in approach slab at bent 2



Large cracks in east approach slab



Under view





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**I-30 WB Log 130.62 over SH 338/Baseline Rd.**

**Location: I-30, Sec 23, Log 130.62g**

**Team Lead:** Keith Harris **Inspection Date:** May 30, 2019

**Inspection Comments**

Approach looking West.logged going east

See AHTD drawing 44709 for layout sheet