



Latitude:34.66741, Longitude:-92.30912

Route:338 Section:01 Log:6.21

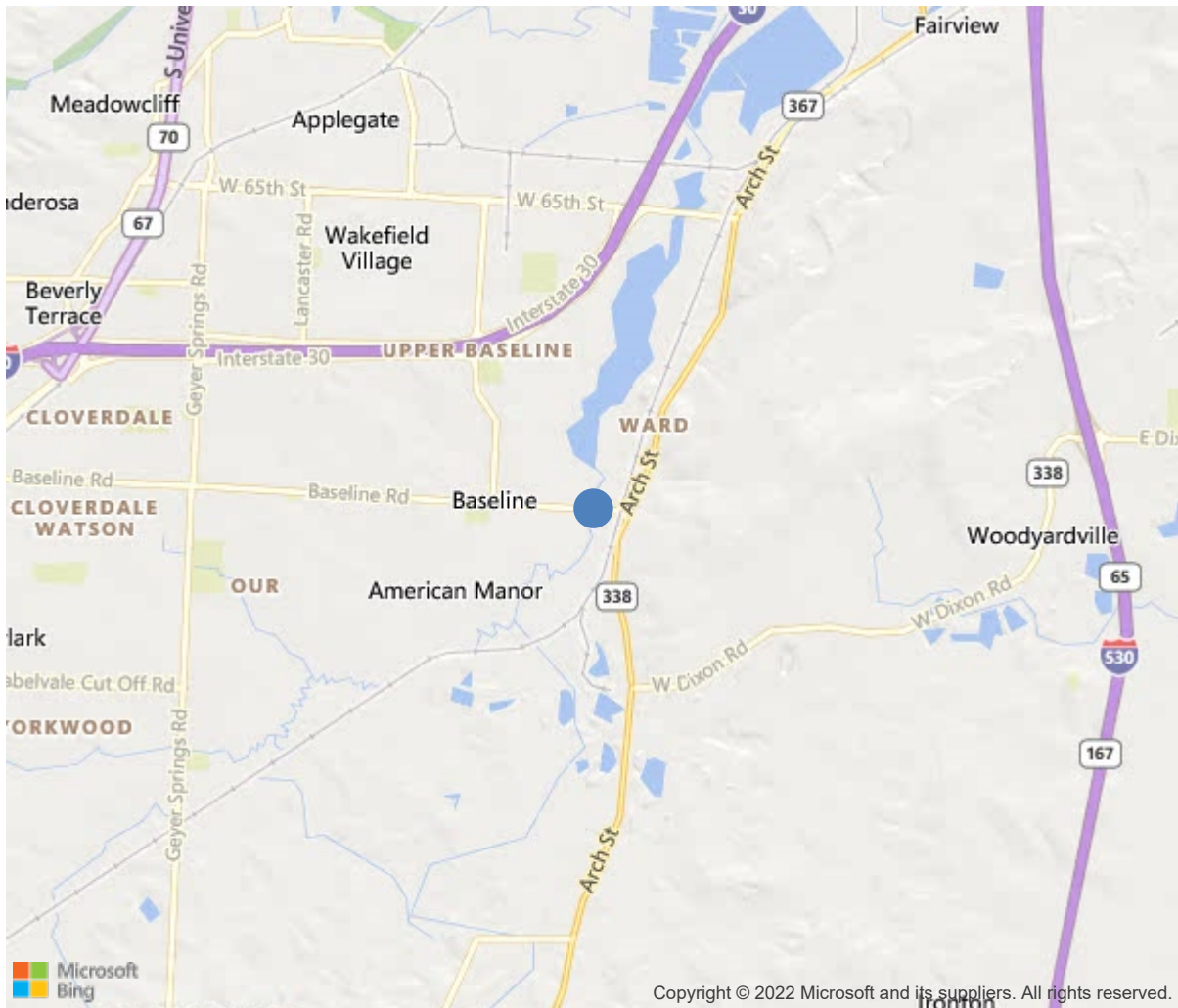
Arnold Road ID:60x338x1xA, Arnold Log mile:6.221

District 06, Pulaski County

Owner: 1-State Highway Agency

Place Code: 41000 - Little Rock

0.18 MI W JCT SH 367



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34.66741, -92.30912



Bridge #05943(Routine)
SH 338 Baseline Rd over LITTLE FOURCHE CREEK

Location: 0.18 MI W JCT SH 367

Team Lead: Keith Harris Inspection Date: April 01, 2020

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	05943
(5) Inventory Route	338
(2) Highway Agency District	06
(3) County Code	119-Pulaski County, Arkansas
(4) Place Code	41000
(6) Features Intersected	LITTLE FOURCHE CREEK
(7) Facility Carried	SH 338 Baseline Rd
(9) Location	0.18 MI W JCT SH 367
(11) Mile Point	6.21 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000338010
(16) Latitude	34.66741
(17) Longitude	-92.30912
(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	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	1984
(106) Year Reconstructed	0
(42) Type of Service	55
On	5-Highway-pedestrian
Under	5-Waterway
(28) Lane	
On	4
Under	0
(29) Average Daily Traffic	11000
(30) Year of ADT	2014
(109) Truck ADT	1 %
(19) Bypass, Detour Length	5 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	35 ft
(49) Structure Length	140 ft
(50) Curb or Sidewalk Width	
Left	4 ft
Right	4 ft
(51) Bridge Roadway Width Curb to Curb	45.9 ft
(52) Deck Width Out to Out	56 ft
(32) Approach Roadway Width (W/Shoulders)	45.9 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	53.5 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	14-Urban Other Principal Arterial
(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	7
(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	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	6
(68) Deck Geometry	2
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	0-Inspected feature does not meet cur
(36B) Transitions	0-Inspected feature does not meet cur
(36C) Approach Guardrail	0-Inspected feature does not meet cur
(36D) 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	Replacement of bridge or other
(76) Length of Structure Improvement	169 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 362
(96) Total Project Cost	\$ 974
(97) Year of Improvement Cost Estimate	2002
(114) Future ADT	15554
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date			04/2020
(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.			



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Location: 0.18 MI W JCT SH 367

Team Lead: Keith Harris, Inspection Date: April 01, 2020

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
38	RC Slab	SF	6440	4545	952	943	0
1080	Delamination/Spall/Patched Area	SF	15	0	12	3	0
1130	Cracking (RC and Other)	SF	1880	0	940	940	0
(38)	Longitudal deck cracks in all span. Up to 0.060 wide. Spall along the joint seals. See photo.						
215	Reinforced Concrete Abutment	LF	112	112	0	0	0
1130	Cracking (RC and Other)	LF	42	42	0	0	0
227	Reinforced Concrete Pile	EA	30	30	0	0	0
234	Reinforced Concrete Pier Cap	LF	146	86	54	6	0
1080	Delamination/Spall/Patched Area	LF	8	0	8	0	0
1090	Exposed Rebar	LF	6	0	0	6	0
1130	Cracking (RC and Other)	LF	46	0	46	0	0
(234)	Bent 2 cap ahead above pile 1 spall with exposed rebar. Spall with exposed rebar bent 4 cap back under pile 10. Scattered crack on the caps. Delamination on bent 3 cap Bent 5 abutment has spall horizontal crack across the entire face of abutment.						
330	Metal Bridge Railing	LF	280	280	0	0	0
331	Reinforced Concrete Bridge Railing	LF	280	224	56	0	0
1130	Cracking (RC and Other)	LF	56	0	56	0	0



Underview



Deck overview



Span 3 Bent 4 spall



Approach

Maintenance Needs

Date Reported: 04/30/2012

Priority: D- Routine

Type of Work: None

Status: Monitor

Component:

Deficiency Description

Caps at bents 2 and 4.
Large spalls with rebar exposed.

Remarks



Bent 2 cap large spall with exposed rebar.

Date Reported: 04/30/2012

Priority: D- Routine

Type of Work: None

Status: Monitor

Component:

Deficiency Description

Deck all spans.
Large unsealed cracks.

Remarks



Span 2, longitudinal cracks in top up slab.



Span, longitudinal cracks in top of slab.



Bridge #05943(Routine)
SH 338 Baseline Rd over LITTLE FOURCHE CREEK

Location: 0.18 MI W JCT SH 367

Team Lead: Keith Harris Inspection Date: April 01, 2020

Date Reported: 04/01/2020

Priority: D- Routine

Type of Work: Clean

Status: Open

Component:

Deficiency Description

Sidewalks & gutters are full of debris.

Remarks

Sidewalks & gutters are full of debris.



Sidewalks & gutters are full of debris.

Date Reported: 04/01/2020
Priority: C - Important
Type of Work: Repair
Status: Open
Component:

Deficiency Description

Pothole in asphalt approach at west end of the bridge.

Remarks



Pothole in asphalt approach at west end of the bridge.



Bridge #05943(Routine)

SH 338 Baseline Rd over LITTLE FOURCHE CREEK

Location: 0.18 MI W JCT SH 367

Team Lead: Keith Harris **Inspection Date:** April 01, 2020

Inspection Comments

See AHTD drawing #24952 for layout.

Logged east bound.