



Latitude:34.67031, Longitude:-92.36534

Route:338 Section:01 Log:2.98

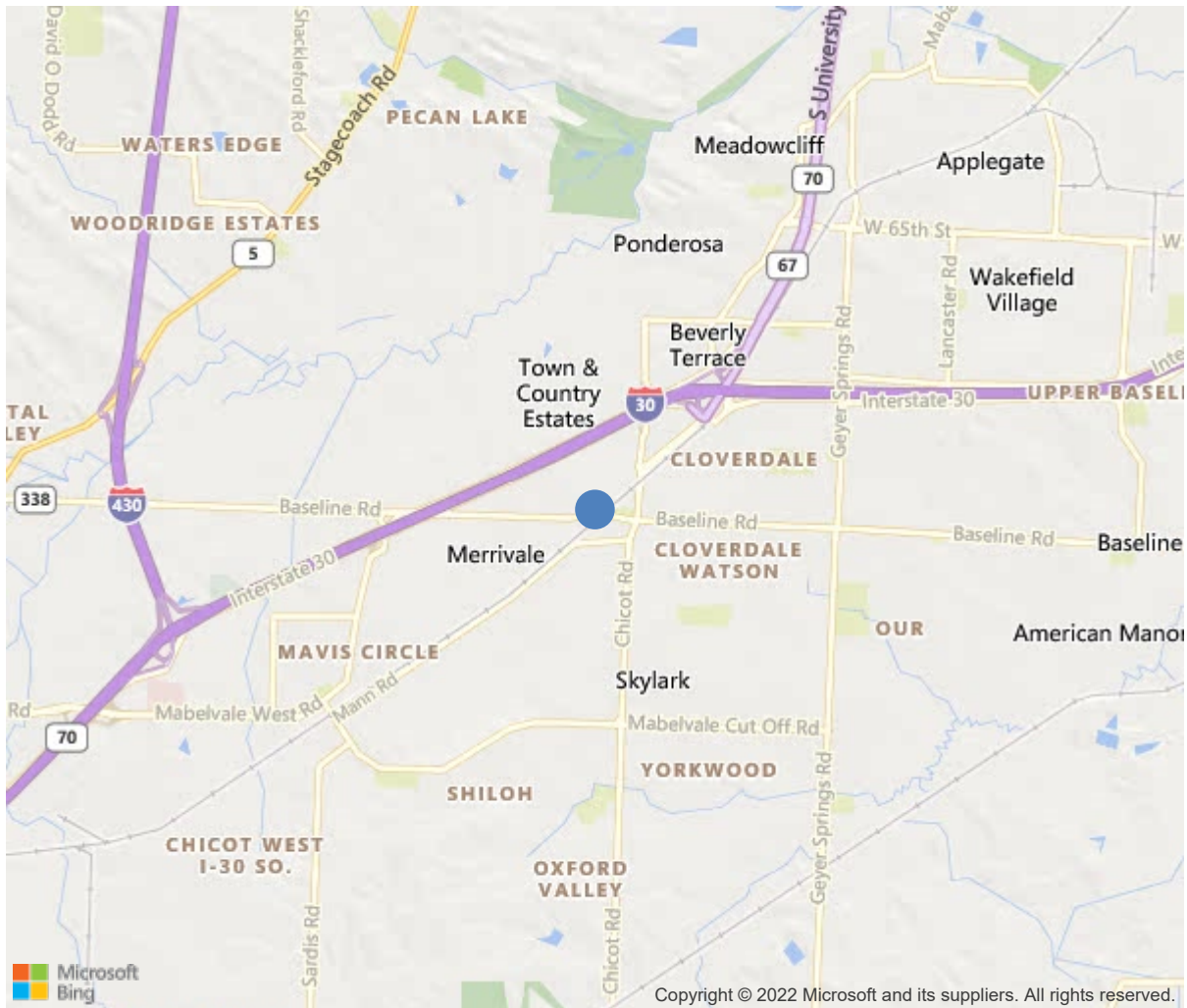
Arnold Road ID:60x338x1xA, Arnold Log mile:3.01

District 06, Pulaski County

Owner: 1-State Highway Agency

Place Code: 41000 - Little Rock

0.8 M East I-30



34.67031, -92.36534



Bridge #06827(Routine)

SH 338 (Baseline) over U.P.R.R.

Location: 0.8 M East I-30

Team Lead: Keith Harris Inspection Date: March 26, 2020

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	06827
(5) Inventory Route	338
(2) Highway Agency District	06
(3) County Code	119-Pulaski County, Arkansas
(4) Place Code	41000
(6) Features Intersected	U.P.R.R.
(7) Facility Carried	SH 338 (Baseline)
(9) Location	0.8 M East I-30
(11) Mile Point	2.98 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000338010
(16) Latitude	34.67031
(17) Longitude	-92.36534
(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	5
(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	52
On	5-Highway-pedestrian
Under	2-Railroad
(28) Lane	
On	4
Under	0
(29) Average Daily Traffic	21000
(30) Year of ADT	2014
(109) Truck ADT	1 %
(19) Bypass, Detour Length	2 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	97 ft
(49) Structure Length	401 ft
(50) Curb or Sidewalk Width	
Left	6 ft
Right	6 ft
(51) Bridge Roadway Width Curb to Curb	49.9 ft
(52) Deck Width Out to Out	65 ft
(32) Approach Roadway Width (W/Shoulders)	49.9 ft
(33) Bridge Median	0-No median
(34) Skew	46 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	62 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	24.67 ft
Ref:	
(55) Min Lat Underclear RT	45.7 ft
Ref:	
(56) Min Lat Underclear LT	20 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	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	7
(59) Superstructure	8
(60) Substructure	7
(61) Channel & Channel Protection	N
(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	5
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	3
(69) Clearances, Vertical/Horizontal	9
(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	N-Not applicable or a safety feature
(36D) Approach Guardrail Ends	N-Not applicable or a safety feature
(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	28516
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date			03/2020
(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.			

Team Lead: Keith Harris, **Inspection Date:** March 26, 2020

[illegible]



Underview



Approach



Overview



Transverse deck crack, 0.015".



Joint seal at bent 6 debris impaction & loss of adhesion.

Maintenance Needs

Date Reported: 03/28/2012

Priority: D- Routine

Type of Work: None

Status: Monitor

Component:

Deficiency Description

Joint seals at bent 6 and bent 1.
Leaking allowing debris to build-up around bearings.

Bent 1 joint is leaking.

Remarks





Bent 6 joint seal has lost adhesion & has debris
impaction.

Date Reported: 03/27/2014

Priority: D- Routine

Type of Work: None

Status: Monitor

Component:

Deficiency Description

Erosion around columns 2,3 and 4 at bent 5.

Remarks

Bt. 5, erosion around base of columns.





Erosion around columns 2,3 and 4 at bent 5.



Bridge #06827 (Routine)
SH 338 (Baseline) over U.P.R.R.

Location: 0.8 M East I-30

Team Lead: Keith Harris **Inspection Date:** March 26, 2020

Inspection Comments

See AHTD drawing # 44291 for layout. Job #060850.

Logged east bound.