



Latitude:34.18437, Longitude:-93.07111

Route:30 Section:14 Log:77.56

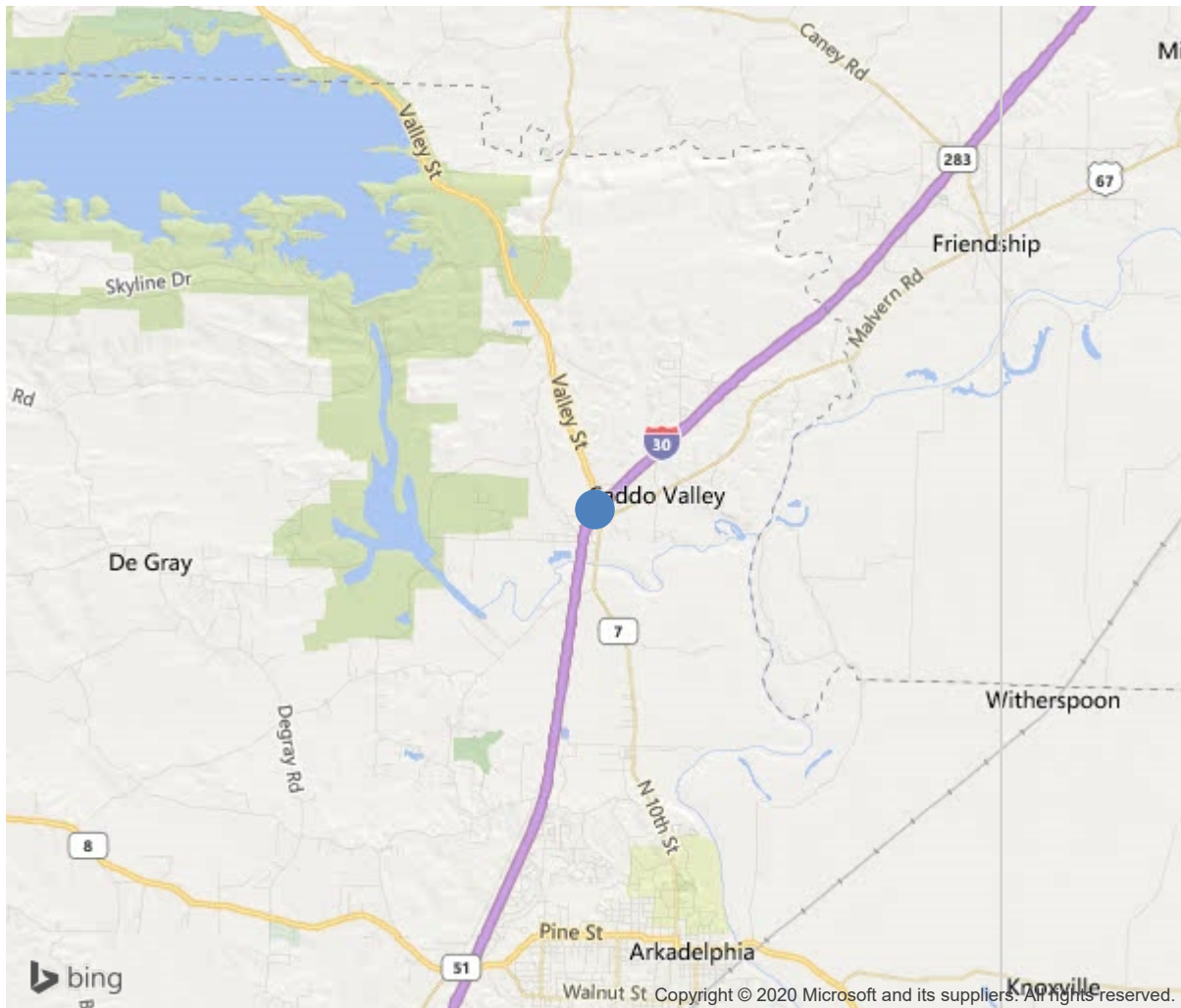
Arnold Road ID:10x30x14xA, Arnold Log mile:77.502

District 07, Clark County

Owner: 1-State Highway Agency

Place Code: 09840 - CADD0 VALLEY

@JCT I30 SH7



34.18437, -93.07111



Bridge #B6515(Routine)

I30 S-14 EBLM 77.5 over SH 7 SEC 7

Location: @JCT I30 SH7

Team Lead: Jimmy Reynolds Inspection Date: November 26, 2018

IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	B6515
(5) Inventory Route	30
(2) Highway Agency District	07
(3) County Code	19-Clark County, Arkansas
(4) Place Code	9840
(6) Features Intersected	SH 7 SEC 7
(7) Facility Carried	I30 S-14 EBLM 77.5
(9) Location	@JCT I30 SH7
(11) Mile Point	77.56 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000030140
(16) Latitude	34.18437
(17) Longitude	-93.07111
(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	0-None
AGE AND SERVICE	
(27) Year Built	1996
(106) Year Reconstructed	0
(42) Type of Service	61
On	6-Overpass structure at an interchange or secon
Under	1-Highway, with or without pedestrian
(28) Lane	
On	2
Under	3
(29) Average Daily Traffic	16000
(30) Year of ADT	2018
(109) Truck ADT	52 %
(19) Bypass, Detour Length	1 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	115 ft
(49) Structure Length	258 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	39.7 ft
(52) Deck Width Out to Out	42.7 ft
(32) Approach Roadway Width (W/Shoulders)	38.1 ft
(33) Bridge Median	0-No median
(34) Skew	42 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	41.3 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	16.08 ft
Ref:	
(55) Min Lat Underclear RT	24.9 ft
Ref:	
(56) Min Lat Underclear LT	23 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	1-Rural 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	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	8
(68) Deck Geometry	6
(69) Clearances, Vertical/Horizontal	7
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	8
(36) Traffic Safety Features	1111
A) Bridge Railings	1-Inspected feature meets currently a
B) Transitions	1-Inspected feature meets currently a
C) Approach Guardrail	1-Inspected feature meets currently a
D) 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	16894
(115) Year of Future ADT	2028
INSPECTIONS	
(90) Inspection Date	201811
(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

SUFFICIENCY RATING	94.9
STATUS (SD/FO/None)	Not Deficient

Team Lead: Jimmy Reynolds, **Inspection Date:** November 26, 2018

ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	11017	8525	2492	0	0
1130	Cracking (RC and Other)	SF	1941	0	1941	0	0
1190	Abrasion/Wear (PSC/RC)	SF	551	0	551	0	0
(12)							
Longitudinal cracks, some wear and exposed aggregates.							
107	Steel Open Girder/Beam	LF	1290	1290	0	0	0
515	Steel Protective Coating	SF	14835	14835	0	0	0
(107)							
Protective system (paint) is in good shape and functioning well.							
205	Reinforced Concrete Column	EA	6	6	0	0	0
215	Reinforced Concrete Abutment	LF	85	85	0	0	0
(215)							
Some water getting on to abutments.							
234	Reinforced Concrete Pier Cap	LF	85	85	0	0	0
303	Assembly Joint with Seal	LF	80	0	80	0	0
2310	Leakage	LF	80	0	80	0	0
(303)							
End joints leaking and adjacent deck is rough.							
311	Movable Bearing	EA	20	20	0	0	0
321	Reinforced Concrete Approach Slab	SF	2800	2715	0	85	0
1130	Cracking (RC and Other)	SF	85	0	0	85	0
(321)							
Cracks and wear.							
331	Reinforced Concrete Bridge Railing	LF	516	258	258	0	0
1130	Cracking (RC and Other)	LF	258	0	258	0	0
(331)							
Normal wear with some cracks.							



Crack in approach slab



Abutment 2 bearing 2 anchor bolt, broke off and top 1/2 bolt and nut is missing.



Abutment 2 joint material



Girder 5 span 2 traffic impact to bottom flange



Abutment 1 joint material



Roadway



Deck



Abutment 1 cap joint leaking



Joint leaking on to cap



Bridge #B6515(Routine)
I30 S-14 EBLM 77.5 over SH 7 SEC 7

Location: @JCT I30 SH7

Team Lead: Jimmy Reynolds **Inspection Date:** November 26, 2018

Maintenance Needs



Bridge #B6515(Routine)
I30 S-14 EBLM 77.5 over SH 7 SEC 7

Location: @JCT I30 SH7

Team Lead: Jimmy Reynolds **Inspection Date:** November 26, 2018

Inspection Comments

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Deck Notes

Longitudinal cracks, some wear and exposed aggregates. End joints leaking and adjacent deck is rough.

Superstructure Notes

Protective system (paint) is in good shape and functioning well. 11/26/2018 JPR — while making a Routine Inspection noticed that on Span 2 Girder 5 has had collision damage to the bottom flange outside edge. Checked the height @ the collision damage was 16.06'. Damage appears to be minor, there appears to be no misalignment in the girder.

Substructure Notes

Some water getting on to abutments.