



Bridge #07136(Routine)
US 67-02-L.M 15.46 over UNION PACIFIC RR
Location: 0.5MI E JCT 67 & 278
Team Lead: John King **Inspection Date:** May 23, 2018



Latitude:33.67631, Longitude:-93.56123

Route:67 Section:02 Log:15.46

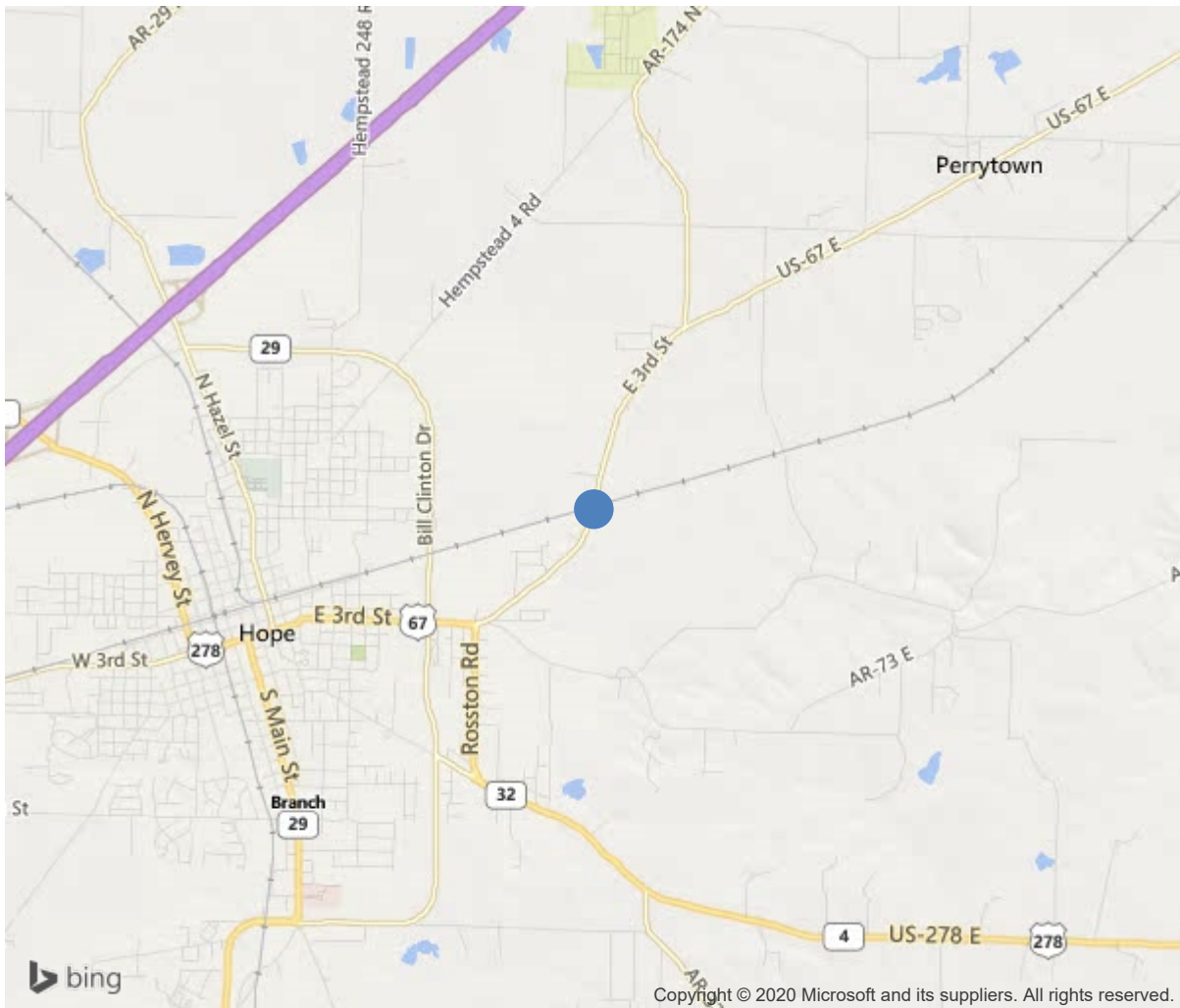
Arnold Road ID:29x67x2xA, Arnold Log mile:15.638

District 03, Hempstead County

Owner: 1-State Highway Agency

Place Code: 32280 - HOPE

0.5MI E JCT 67 & 278



33.67631, -93.56123



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IDENTIFICATION	
(1) State Names	Arkansas
(8) Structure Number	07136
(5) Inventory Route	67
(2) Highway Agency District	03
(3) County Code	57-Hempstead County, Arkansas
(4) Place Code	32280
(6) Features Intersected	UNION PACIFIC RR
(7) Facility Carried	US 67-02-L.M 15.46
(9) Location	0.5MI E JCT 67 & 278
(11) Mile Point	15.46 mi
(12) Base Highway Network	No
(13) LRS Inventory Rte & Subrte	0000000000
(16) Latitude	33.67631
(17) Longitude	-93.56123
(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	1-Epoxy Coated Reinforcing
AGE AND SERVICE	
(27) Year Built	2012
(106) Year Reconstructed	0
(42) Type of Service	12
On	1-Highway
Under	2-Railroad
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	3700
(30) Year of ADT	2018
(109) Truck ADT	12 %
(19) Bypass, Detour Length	5 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	98 ft
(49) Structure Length	220 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	43.2 ft
(32) Approach Roadway Width (W/Shoulders)	40 ft
(33) Bridge Median	0-No median
(34) Skew	30 Deg
(35) Structure Flared	No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	40 ft
(53) Min Vert Clear Over Bridge Rdwy	99.9 ft
(54) Min Vert Underclear	23.79 ft
Ref:	
(55) Min Lat Underclear RT	52.9 ft
Ref:	
(56) Min Lat Underclear LT	31.9 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	16-Urban Minor 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	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	4-Historical significance is not dete
CONDITION	
(58) Deck	8
(59) Superstructure	8
(60) Substructure	8
(61) Channel & Channel Protection	N
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	A-HL93
(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	5
(69) Clearances, Vertical/Horizontal	9
(71) Waterway Adequacy	N
(72) Approach Roadway Alignment	7
(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	0
(114) Future ADT	3500
(115) Year of Future ADT	2030
INSPECTIONS	
(90) Inspection Date	201805
(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	97.4
STATUS (SD/FO/None)	Not Deficient



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ELEM	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
12	Reinforced Concrete Deck	SF	9504	9504	0	0	0
(12)	EPOXY COATED BARS IN DECK.						
107	Steel Open Girder/Beam	LF	1100	1100	0	0	0
515	Steel Protective Coating	SF	58630	58630	0	0	0
205	Reinforced Concrete Column	EA	4	4	0	0	0
(205)	COLUMNS AT BENT 2 AND 3 SEE PLANS FOR FOOTINGS W/PILES						
215	Reinforced Concrete Abutment	LF	145	145	0	0	0
234	Reinforced Concrete Pier Cap	LF	92	92	0	0	0
300	Strip Seal Expansion Joint	LF	86	86	0	0	0
310	Elastomeric Bearing	EA	20	20	0	0	0
331	Reinforced Concrete Bridge Railing	LF	445	445	0	0	0



AL



DECK PHOTO



SS







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Maintenance Needs



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Inspection Comments

Deck Notes

5/23/2018 AL,SS,DECK,DEF.PHOTOS TAKEN PER THIS INSPECTION...

Superstructure Notes

Girders/Beams: WEATHERING STEEL BEAMS
Bearings: ELASTOMERIC BEARINGS

Substructure Notes

Other: CAPS ARE GOOD AND SEE PLANS FOR PILES AT ABUTMENTS.
Footing: SEE PLANS FOR FOOTINGS