

Bridge Inspection Report

A6039

I-555SB-02-LM17.37

over

DITCH NOS. 35&103



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

Structure Number: A6039

Inspection Date:

Facility Carried: I-555SB-02-
LM17.37

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National Bridge Inventory

IDENTIFICATION				INSPECTIONS			
(1) STATE CODE	056 - Arkansas			(90) INSPECTION DATE	02/12/2016		
(8) STRUCTURE NUMBER	A6039			(91) DESIGNATED INSPECTION FREQUENCY	24		
(5) INV. ROUTE (ON/UNDER)	1	1	1	555	3	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	10	(3) COUNTY CODE	111				
(4) PLACE CODE	00000						
(6) FEATURES INTERSECTED	DITCH NOS. 35&103						
(7) FACILITY CARRIED	I-555SB-02-LM17.37						
(9) LOCATION	.7 MI HWY 14&PAYNEWAY						
(11) MILEPOINT	17.37	(12) BASE HIGHWAY NETWORK	1				
(13A) LRS INVENTORY ROUTE	0000063080	(13B) SUBROUTE NUMBER	00				
(16) LATITUDE	35.54024	(17) LONGITUDE	-90.49222				
(98A) BORDER BRIDGE CODE							
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT						
STRUCTURE TYPE AND MATERIAL				CONDITION			
(43) STRUCTURE TYPE, MAIN				(58) DECK	7		
A) KIND OF MATERIAL/DESIGN:	1 - Concrete			(59) SUPERSTRUCTURE	7	(60) SUBSTRUCTURE	7
B) TYPE OF DESIGN/CONSTR:	01 - Slab			(61) CHANNEL & CHANNEL PROTECTION	7	(62) CULVERT	N
(44) STRUCTURE TYPE, APPROACH SPANS				LOAD RATING AND POSTING			
A) KIND OF MATERIAL/DESIGN:	0 - Other			(31) DESIGN LOAD	6		
B) TYPE OF DESIGN/CONSTR:	00 - Other			(63) METHOD USED TO DETERMINE OPERATING RATING	1		
(45) NUMBER OF SPANS IN MAIN	4	(46) NUMBER OF APPROACH	0				
(107) DECK STRUCTURE TYPE	1	(108A) WEARING SURFACE	1				
(108B) DECK MEMBRANE	0	(108C) DECK PROTECTION	0				
AGE OF SERVICE				(64) OPERATING RATING	60.0		
(27) YEAR BUILT	1984	(106) YEAR RECONSTRUCTED	0000				
(42) TYPE OF SERVICE	ON 1	UNDER	5				
(28) LANES	ON 02	UNDER	00				
(29) AVERAGE DAILY TRAFFIC	15375	(19) BYPASS DETOUR LENGTH	2				
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014						
(109) AVERAGE DAILY TRUCK TRAFFIC	1						
GEOMETRIC DATA				(65) METHOD USED TO DETERMINE INVENTORY RATING	1		
(48) LENGTH OF MAX SPAN (ft.)	35	(49) STRUCTURE LENGTH (ft.)	140				
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0	RIGHT	0				
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	40.0						
(52) DECK WIDTH, OUT-TO-OUT (ft.)	42.8						
(32) APPROACH ROADWAY WIDTH (ft.)	40.0						
(33) BRIDGE MEDIAN	0	(34) SKEW (DEG.)	0				
(35) STRUCTURE FLARED	0	(10) INV RTE, MIN VERT CLEAR (ft.)	99.99				
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	41.0						
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99						
(54) VERTICAL UNDER CLEARANCE (ft.)	N		0				
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N		99.9				
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0						
PROPOSED IMPROVEMENTS				(66) INVENTORY RATING	36.0		
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY			(70) BRIDGE POSTING	5		
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	0						
(94) BRIDGE IMPROVEMENT COST (\$)	0						
(95) ROADWAY IMPROVEMENT COST (\$)	0						
(96) TOTAL PROJECT COST	0						
(97) YEAR OF IMPROVEMENT COST ESTIMATE							
(114) FUTURE ADT	8692	(115) YEAR OF FUTURE ADT	2028				
				APPRAISAL			
				(67) STRUCTURAL EVALUATION	7		
				(68) DECK GEOMETRY	7		
				(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N		
				(71) WATERWAY ADEQUACY	8		
				(72) APPROACH ROADWAY ALIGNMENT	8		
				(36) TRAFFIC SAFETY FEATURE			
				36A) BRIDGE RAILINGS:	1		
				36B) TRANSITIONS:	1		
				36C) APPROACH GUARDRAIL:	1		
				36D) APPROACH GUARDRAIL ENDS:	1		
				(113) SCOUR CRITICAL BRIDGES	5		
				SUFFICIENCY RATING	0	STATUS	95.8
				CLASSIFICATION			
				(112) NBIS BRIDGE LENGTH	Y		
				(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1		
				(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	01		
				(100) STRAHNET HIGHWAY DESIGNATION	1		
				(101) PARALLEL STRUCTURE DESIGNATION	R		
				(102) DIRECTION OF TRAFFIC	1		
				(103) TEMP STRUCTURE			
				(105) FEDERAL LANDS HIGHWAYS	0		
				(110) DESIGNATED NATIONAL NETWORK	1		
				(20) TOLL	3		
				(21) MAINTENANCE RESPONSIBILITY	01		
				(22) OWNER	01		
				(37) HISTORICAL	5		
				NAVIGATION DATA			
				(38) NAVIGATION CONTROL	0		
				(111) PIER OR ABUTMENT PROTECTION	5		
				(39) NAV VERT CLEARANCE (ft.)	0		
				(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0		
				(40) NAV HORIZONTAL CLEARANCE (ft.)	0		

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Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
38 - Reinforced Concrete Slab	1- Ben.	5992	sq. ft.	5887	105	0	0
1120 - Efflorescence/Rust Staining		105			105		
215 - Reinforced Concrete Abutment	1- Ben.	119	ft.	0	119		
227 - Reinforced Concrete Pile	1- Ben.	21	each	0	21		
234 - Reinforced Concrete Pier Cap	1- Ben.	130	ft.	0	130		
331 - Reinforced Concrete Bridge Railing	1- Ben.	280	ft.	0	280		