

Bridge Inspection Report

06936

US63B-08/B LM 2.12

over

I-555



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

Structure Number: 06936

Inspection Date:

Facility Carried: US63B-08/B LM
2.12

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	10/10/2016
(8) STRUCTURE NUMBER	06936	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 2 6 63 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	10 (3) COUNTY CODE 111	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	I-555	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	US63B-08/B LM 2.12		
(9) LOCATION	Jct. 555/149/63B		
(11) MILEPOINT 2.120	(12) BASE HIGHWAY NETWORK 0		
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 35.51951	(17) LONGITUDE -90.41234		
(98A) BORDER BRIDGE CODE			
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT		
STRUCTURE TYPE AND MATERIAL		CONDITION	
(43) STRUCTURE TYPE, MAIN		(58) DECK	8
A) KIND OF MATERIAL/DESIGN: 4 - Steel continuous		(59) SUPERSTRUCTURE	8 (60) SUBSTRUCTURE 9
B) TYPE OF DESIGN/CONSTR: 02 - Stringer/Multi-beam or Girder		(61) CHANNEL & CHANNEL PROTECTION	N (62) CULVERT N
(44) STRUCTURE TYPE, APPROACH SPANS			
A) KIND OF MATERIAL/DESIGN: 0 - Other			
B) TYPE OF DESIGN/CONSTR: 00 - Other			
(45) NUMBER OF SPANS IN MAIN 4	(46) NUMBER OF APPROACH 0		
(107) DECK STRUCTURE TYPE 1	(108A) WEARING SURFACE 2		
(108B) DECK MEMBRANE 0	(108C) DECK PROTECTION 1		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT 2005	(106) YEAR RECONSTRUCTED 0000	(31) DESIGN LOAD	5
(42) TYPE OF SERVICE ON 1 UNDER 1		(63) METHOD USED TO DETERMINE OPERATING RATING	1
(28) LANES ON 02 UNDER 04		(64) OPERATING RATING	60.0
(29) AVERAGE DAILY TRAFFIC 2660	(19) BYPASS DETOUR LENGTH 1	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC 2014		(66) INVENTORY RATING	36.0
(109) AVERAGE DAILY TRUCK TRAFFIC 13		(70) BRIDGE POSTING	5
		(41) STRUCTURE OPEN/POSTED/CLOSED	A
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.) 92	(49) STRUCTURE LENGTH (ft.) 292.2	(67) STRUCTURAL EVALUATION	8
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0 RIGHT 0		(68) DECK GEOMETRY	6
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.) 40.0		(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	5
(52) DECK WIDTH, OUT-TO-OUT (ft.) 43.2		(71) WATERWAY ADEQUACY	N
(32) APPROACH ROADWAY WIDTH (ft.) 40.0		(72) APPROACH ROADWAY ALIGNMENT	8
(33) BRIDGE MEDIAN 0 (34) SKEW (DEG.) 0		(36) TRAFFIC SAFETY FEATURE	
(35) STRUCTURE FLARED 0 (10) INV RTE, MIN VERT CLEAR (ft.) 99.01		36A) BRIDGE RAILINGS:	1
(47) TOTAL HORIZONTAL CLEARANCE (ft.) 41.3		36B) TRANSITIONS:	1
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.) 99.92		36C) APPROACH GUARDRAIL:	1
(54) VERTICAL UNDER CLEARANCE (ft.) H 16.22		36D) APPROACH GUARDRAIL ENDS:	1
(55) LATERAL UNDER CLEARANCE RIGHT (ft.) H 33.5		(113) SCOUR CRITICAL BRIDGES	N
(56) MIN LATERAL UNDER CLEARANCE (ft.) 8.2		SUFFICIENCY RATING	0 STATUS 98.8
PROPOSED IMPROVEMENTS		CLASSIFICATION	
(75A) TYPE OF WORK PROPOSED (75B) WORK DONE BY		(112) NBIS BRIDGE LENGTH	Y
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)		(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(94) BRIDGE IMPROVEMENT COST (\$)		(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	07
(95) ROADWAY IMPROVEMENT COST (\$)		(100) STRAHNET HIGHWAY DESIGNATION	0
(96) TOTAL PROJECT COST		(101) PARALLEL STRUCTURE DESIGNATION	N
(97) YEAR OF IMPROVEMENT COST ESTIMATE		(102) DIRECTION OF TRAFFIC	2
(114) FUTURE ADT 2235 (115) YEAR OF FUTURE ADT 2028		(103) TEMP STRUCTURE	
		(105) FEDERAL LANDS HIGHWAYS	0
		(110) DESIGNATED NATIONAL NETWORK	0
		(20) TOLL	3
		(21) MAINTENANCE RESPONSIBILITY	01
		(22) OWNER	01
		(37) HISTORICAL	5
		NAVIGATION DATA	
		(38) NAVIGATION CONTROL	N
		(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

Inspector:

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National Bridge Inventory

UNDER RECORD A

IDENTIFICATION

(1) STATE CODE	056 - Arkansas	(7) FACILITY CARRIED	US63B-02/B LM 2.12
(3) COUNTY CODE	111	(8) STRUCTURE NUMBER	06936
(4) PLACE CODE	00000	(9) LOCATION	Jct. 555/149/63B
(5) INV. ROUTE (ON/UNDER)	A 1 1 555 3	(11) MILEPOINT	12.59 (12) BASE HIGHWAY NETWORK 1
(6) FEATURES INTERSECTED	I-555	(13A) LRS INVENTORY ROUTE	0000063090 (13B) SUBROUTE NUMBER 00
		(16) LATITUDE	35.5195166 (17) LONGITUDE -90.4123333

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE, MAIN A) KIND OF MATERIAL/DESIGN: 4 - Steel continuous
B) TYPE OF DESIGN/CONSTR: 02 - Stringer/Multi-beam or Girder

AGE OF SERVICE

(19) BYPASS DETOUR LENGTH	0	(30) YEAR OF AVERAGE DAILY TRAFFIC	2014
(27) YEAR BUILT	2005	(42) TYPE OF SERVICE	ON 1 UNDER 1
(28) LANES	ON 02 UNDER 02	(109) AVERAGE DAILY TRUCK TRAFFIC	24
(29) AVERAGE DAILY TRAFFIC	5500		

GEOMETRIC DATA

(10) INV RTE, MIN VERT CLEARANCE	16.4	(48) LENGTH OF MAXIMUM SPAN	92 (49) STRUCTURE LENGTH 292.2
(47) TOTAL HORIZONTAL CLEARANCE	65.2		

CLASSIFICATION

(20) TOLL	3	(102) DIRECTION OF TRAFFIC	1
(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	01	(103) TEMP STRUCTURE	
(100) STRAHNET HIGHWAY DESIGNATION	1	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
(101) PARALLEL STRUCTURE DESIGNATION	N	(110) DESIGNATED NATIONAL NETWORK	1

UNDER RECORD B

IDENTIFICATION

(1) STATE CODE	056 - Arkansas	(7) FACILITY CARRIED	US63B-08/B LM 2.12
(3) COUNTY CODE	111	(8) STRUCTURE NUMBER	06936
(4) PLACE CODE	00000	(9) LOCATION	Jct. 555/149/63B
(5) INV. ROUTE (ON/UNDER)	B 1 1 555 1	(11) MILEPOINT	12.59 (12) BASE HIGHWAY NETWORK 1
(6) FEATURES INTERSECTED	I-555	(13A) LRS INVENTORY ROUTE	0000063090 (13B) SUBROUTE NUMBER 00
		(16) LATITUDE	35.51951666 (17) LONGITUDE -90.41233333

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE, MAIN A) KIND OF MATERIAL/DESIGN: 4 - Steel continuous
B) TYPE OF DESIGN/CONSTR: 02 - Stringer/Multi-beam or Girder

AGE OF SERVICE

(19) BYPASS DETOUR LENGTH	0	(30) YEAR OF AVERAGE DAILY TRAFFIC	2014
(27) YEAR BUILT	2005	(42) TYPE OF SERVICE	ON 1 UNDER 1
(28) LANES	ON 02 UNDER 02	(109) AVERAGE DAILY TRUCK TRAFFIC	24
(29) AVERAGE DAILY TRAFFIC	5500		

GEOMETRIC DATA

(10) INV RTE, MIN VERT CLEARANCE	16.6	(48) LENGTH OF MAXIMUM SPAN	92 (49) STRUCTURE LENGTH 292.2
(47) TOTAL HORIZONTAL CLEARANCE	77.4		

CLASSIFICATION

(20) TOLL	3	(102) DIRECTION OF TRAFFIC	1
(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	01	(103) TEMP STRUCTURE	
(100) STRAHNET HIGHWAY DESIGNATION	1	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
(101) PARALLEL STRUCTURE DESIGNATION	N	(110) DESIGNATED NATIONAL NETWORK	1

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Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12 - Reinforced Concrete Deck	1- Ben.	12609	sq. ft.	12609			
107 - Steel Open Girder/Beam	1- Ben.	1450	ft.	1450			
515 - Steel Protective Coating		13144	sq. ft.	13141	3	0	0
3420 - Peeling/Bubbling/Cracking (Steel Protective Coatings)		3			3		
205 - Reinforced Concrete Column	1- Ben.	6	each	6			
215 - Reinforced Concrete Abutment	1- Ben.	122	ft.	122			
234 - Reinforced Concrete Pier Cap	1- Ben.	120	ft.	120			
302 - Compression Joint Seal	1- Ben.	80	ft.	80			
310 - Elastomeric Bearing	1- Ben.	25	each	25			
321 - Reinforced Concrete Approach Slab	1- Ben.	1757	sq. ft.	1636	121	0	0
1130 - Cracking (RC and Other)		121			121		
331 - Reinforced Concrete Bridge Railing	1- Ben.	584	ft.	584			