

Bridge Inspection Report

06230
SH 63-08 B-LM 0.07
over
I-555-08- LM 16.96



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

Structure Number: 06230

Inspection Date:

Facility Carried: SH 63-08 B-LM 0.07

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	10/10/2016
(8) STRUCTURE NUMBER	06230	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 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-555-08- LM 16.96	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 63-08 B-LM 0.07		
(9) LOCATION	Jct I-555 AND 63/B	CONDITION	
(11) MILEPOINT 0.070	(12) BASE HIGHWAY NETWORK 1	(58) DECK	8
(13A) LRS INVENTORY ROUTE	000006308B (13B) SUBROUTE NUMBER 00	(59) SUPERSTRUCTURE	7 (60) SUBSTRUCTURE 7
(16) LATITUDE 35.52580	(17) LONGITUDE -90.43078	(61) CHANNEL & CHANNEL PROTECTION	N (62) CULVERT N
(98A) BORDER BRIDGE CODE		LOAD RATING AND POSTING	
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT	(31) DESIGN LOAD	6
STRUCTURE TYPE AND MATERIAL		(63) METHOD USED TO DETERMINE OPERATING RATING	1
(43) STRUCTURE TYPE, MAIN		(64) OPERATING RATING	54.0
A) KIND OF MATERIAL/DESIGN:	4 - Steel continuous	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
B) TYPE OF DESIGN/CONSTR:	02 - Stringer/Multi-beam or Girder	(66) INVENTORY RATING	32.0
(44) STRUCTURE TYPE, APPROACH SPANS		(70) BRIDGE POSTING	5
A) KIND OF MATERIAL/DESIGN:	0 - Other	(41) STRUCTURE OPEN/POSTED/CLOSED	A
B) TYPE OF DESIGN/CONSTR:	00 - Other	APPRAISAL	
(45) NUMBER OF SPANS IN MAIN	2 (46) NUMBER OF APPROACH	(67) STRUCTURAL EVALUATION	7
(107) DECK STRUCTURE TYPE	1 (108A) WEARING SURFACE	(68) DECK GEOMETRY	5
(108B) DECK MEMBRANE	0 (108C) DECK PROTECTION	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	6
AGE OF SERVICE		(71) WATERWAY ADEQUACY	N
(27) YEAR BUILT	1988 (106) YEAR RECONSTRUCTED	(72) APPROACH ROADWAY ALIGNMENT	8
(42) TYPE OF SERVICE	ON 6 UNDER 1	(36) TRAFFIC SAFETY FEATURE	
(28) LANES	ON 02 UNDER 04	36A) BRIDGE RAILINGS:	1
(29) AVERAGE DAILY TRAFFIC	7400 (19) BYPASS DETOUR LENGTH	36B) TRANSITIONS:	1
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	36C) APPROACH GUARDRAIL:	1
(109) AVERAGE DAILY TRUCK TRAFFIC	1	36D) APPROACH GUARDRAIL ENDS:	1
GEOMETRIC DATA		(113) SCOUR CRITICAL BRIDGES	N
(48) LENGTH OF MAX SPAN (ft.)	100 (49) STRUCTURE LENGTH (ft.)	SUFFICIENCY RATING	0 STATUS 92.0
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0 RIGHT 0	CLASSIFICATION	
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	40.0	(112) NBIS BRIDGE LENGTH	Y
(52) DECK WIDTH, OUT-TO-OUT (ft.)	42.8	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(32) APPROACH ROADWAY WIDTH (ft.)	43.0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	06
(33) BRIDGE MEDIAN	0 (34) SKEW (DEG.)	(100) STRAHNET HIGHWAY DESIGNATION	0
(35) STRUCTURE FLARED	0 (10) INV RTE, MIN VERT CLEAR (ft.)	(101) PARALLEL STRUCTURE DESIGNATION	N
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	41.3	(102) DIRECTION OF TRAFFIC	2
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	(103) TEMP STRUCTURE	
(54) VERTICAL UNDER CLEARANCE (ft.)	H 16.66	(105) FEDERAL LANDS HIGHWAYS	0
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	H 34	(110) DESIGNATED NATIONAL NETWORK	1
(56) MIN LATERAL UNDER CLEARANCE (ft.)	8.3	(20) TOLL	3
PROPOSED IMPROVEMENTS		(21) MAINTENANCE RESPONSIBILITY	01
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY	(37) HISTORICAL	5
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	0	NAVIGATION DATA	
(94) BRIDGE IMPROVEMENT COST (\$)	0	(38) NAVIGATION CONTROL	N
(95) ROADWAY IMPROVEMENT COST (\$)	0	(111) PIER OR ABUTMENT PROTECTION	5
(96) TOTAL PROJECT COST	0	(39) NAV VERT CLEARANCE (ft.)	0
(97) YEAR OF IMPROVEMENT COST ESTIMATE		(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0
(114) FUTURE ADT	9189 (115) YEAR OF FUTURE ADT	(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	SH 63-08 B-LM 0.07
(3) COUNTY CODE	111	(8) STRUCTURE NUMBER	06230
(4) PLACE CODE	00000	(9) LOCATION	Jct I-555 AND 63/B
(5) INV. ROUTE (ON/UNDER)	A 1 1 555 3	(11) MILEPOINT	13.72 (12) BASE HIGHWAY NETWORK 1
(6) FEATURES INTERSECTED	I-555-08- LM 13.72	(13A) LRS INVENTORY ROUTE	000006308B (13B) SUBROUTE NUMBER 00
		(16) LATITUDE	35.5258333 (17) LONGITUDE -90.43075

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	1988	(42) TYPE OF SERVICE	ON 6 UNDER 1
(28) LANES	ON 04 UNDER 02	(109) AVERAGE DAILY TRUCK TRAFFIC	1
(29) AVERAGE DAILY TRAFFIC	6500		

GEOMETRIC DATA

(10) INV RTE, MIN VERT CLEARANCE	16.9	(48) LENGTH OF MAXIMUM SPAN	100 (49) STRUCTURE LENGTH 202
(47) TOTAL HORIZONTAL CLEARANCE	66.3		

CLASSIFICATION

(20) TOLL	3	(102) DIRECTION OF TRAFFIC	2
(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	SH 63-08 B-LM 0.07
(3) COUNTY CODE	111	(8) STRUCTURE NUMBER	06230
(4) PLACE CODE	00000	(9) LOCATION	Jct I-555 AND 63/B
(5) INV. ROUTE (ON/UNDER)	B 1 1 555 1	(11) MILEPOINT	13.72 (12) BASE HIGHWAY NETWORK 1
(6) FEATURES INTERSECTED	I-555-08- LM 13.72	(13A) LRS INVENTORY ROUTE	000006308B (13B) SUBROUTE NUMBER 00
		(16) LATITUDE	35.5258333333333 (17) LONGITUDE -90.43075

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(27) YEAR BUILT	1988	(42) TYPE OF SERVICE	ON 6 UNDER 1
(28) LANES	ON 04 UNDER 02	(109) AVERAGE DAILY TRUCK TRAFFIC	1
(29) AVERAGE DAILY TRAFFIC	6500		

GEOMETRIC DATA

(10) INV RTE, MIN VERT CLEARANCE	17.0	(48) LENGTH OF MAXIMUM SPAN	100 (49) STRUCTURE LENGTH 202
(47) TOTAL HORIZONTAL CLEARANCE	66.7		

CLASSIFICATION

(20) TOLL	3	(102) DIRECTION OF TRAFFIC	2
(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.	8704	sq. ft.	8342	362	0	0
1130 - Cracking (RC and Other)		362			362		
107 - Steel Open Girder/Beam	1- Ben.	1200	ft.	1200			
515 - Steel Protective Coating		16830	sq. ft.	15988	842	0	0
3440 - Effectiveness (Steel Protective Coatings)		842			842		
205 - Reinforced Concrete Column	1- Ben.	3	each	3			
215 - Reinforced Concrete Abutment	1- Ben.	234	ft.	234			
234 - Reinforced Concrete Pier Cap	1- Ben.	46	ft.	46			
302 - Compression Joint Seal	1- Ben.	89	ft.	89			
310 - Elastomeric Bearing	1- Ben.	18	each	18			
321 - Reinforced Concrete Approach Slab	1- Ben.	1584	sq. ft.	1584			
331 - Reinforced Concrete Bridge Railing	1- Ben.	404	ft.	404			