

Bridge Inspection Report

B6524
US 65 NB LM 10.39
over
Jacks Bayou



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

Structure Number: B6524

Inspection Date:

Facility Carried: US 65 NB LM 10.39

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	02/08/2017
(8) STRUCTURE NUMBER	B6524	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 2 1 65 1	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	02 (3) COUNTY CODE 069	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	Jacks Bayou	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	US 65 NB LM 10.39		
(9) LOCATION	0.3 Mi NW SH 199-Moscow		
(11) MILEPOINT 10.390	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000065150 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 34.15499	(17) LONGITUDE -91.80350		
(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: 3 - Steel		(59) SUPERSTRUCTURE	8
B) TYPE OF DESIGN/CONSTR: 02 - Stringer/Multi-beam or Girder		(60) SUBSTRUCTURE	7
(44) STRUCTURE TYPE, APPROACH SPANS		(61) CHANNEL & CHANNEL PROTECTION	8
A) KIND OF MATERIAL/DESIGN: 0 - Other		(62) CULVERT	N
B) TYPE OF DESIGN/CONSTR: 00 - Other			
(45) NUMBER OF SPANS IN MAIN 1	(46) NUMBER OF APPROACH 0		
(107) DECK STRUCTURE TYPE 1	(108A) WEARING SURFACE 1		
(108B) DECK MEMBRANE 0	(108C) DECK PROTECTION 1		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT 1997	(106) YEAR RECONSTRUCTED 0000	(31) DESIGN LOAD	5
(42) TYPE OF SERVICE ON 1	UNDER 5	(63) METHOD USED TO DETERMINE OPERATING RATING	1
(28) LANES ON 02	UNDER 00	(64) OPERATING RATING	60.0
(29) AVERAGE DAILY TRAFFIC 8568	(19) BYPASS DETOUR LENGTH 50	(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 1		(70) BRIDGE POSTING	5
		(41) STRUCTURE OPEN/POSTED/CLOSED	A
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.) 60	(49) STRUCTURE LENGTH (ft.) 62	(67) STRUCTURAL EVALUATION	7
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0	RIGHT 0	(68) DECK GEOMETRY	7
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	40.0	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.)	42.8	(71) WATERWAY ADEQUACY	8
(32) APPROACH ROADWAY WIDTH (ft.)	40.0	(72) APPROACH ROADWAY ALIGNMENT	8
(33) BRIDGE MEDIAN 0	(34) SKEW (DEG.) 8	(36) TRAFFIC SAFETY FEATURE	
(35) STRUCTURE FLARED 0	(10) INV RTE, MIN VERT CLEAR (ft.) 99.99	36A) BRIDGE RAILINGS:	1
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	41.3	36B) TRANSITIONS:	1
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	36C) APPROACH GUARDRAIL:	1
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	36D) APPROACH GUARDRAIL ENDS:	1
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	(113) SCOUR CRITICAL BRIDGES	8
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	SUFFICIENCY RATING	0
		STATUS	84.7
PROPOSED IMPROVEMENTS		CLASSIFICATION	
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY	(112) NBIS BRIDGE LENGTH	Y
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	0	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	02
(95) ROADWAY IMPROVEMENT COST (\$)	0	(100) STRAHNET HIGHWAY DESIGNATION	2
(96) TOTAL PROJECT COST	0	(101) PARALLEL STRUCTURE DESIGNATION	L
(97) YEAR OF IMPROVEMENT COST ESTIMATE		(102) DIRECTION OF TRAFFIC	1
(114) FUTURE ADT 4307	(115) YEAR OF FUTURE ADT 2028	(103) TEMP STRUCTURE	
		(105) FEDERAL LANDS HIGHWAYS	0
		(110) DESIGNATED NATIONAL NETWORK	1
		(20) TOLL	3
		(21) MAINTENANCE RESPONSIBILITY	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
12 - Reinforced Concrete Deck	1- Ben.	2654	sq. ft.	2592	0	62	0
	Deck: 42.8' wide x 62' long. Unsealed, minor- to moderate-sized longitudinal crack left of centerline (along Girder 3) - full-length of bridge (62 - CS3).						
1130 - Cracking (RC and Other)		62				62	
107 - Steel Open Girder/Beam	1- Ben.	300	ft.	300			
	Girders: 5 per span / 60' total span. Coating (W30 x 191) 8.66 square feet per linear feet of girder.						
515 - Steel Protective Coating		2598	sq. ft.	2598			
215 - Reinforced Concrete Abutment	1- Ben.	84	ft.	79	5	0	0
	Abutments: 42' each / Bents 1 & 2. Bent 2: Horizontal crack across top of cap, left of Girders 4 & 5 (5 - CS2).						
1130 - Cracking (RC and Other)		5			5		
303 - Assembly Joint with Seal	1- Ben.	82	ft.	82	0	0	0
	Joints: 41' each / Bents 1 & 2. Bent 2: A couple places with minor sagging.						
310 - Elastomeric Bearing	1- Ben.	10	each	10			
	Bearings: 5 per bent / Bents 1 & 2.						
321 - Reinforced Concrete Approach Slab	1- Ben.	2880	sq. ft.	2800	0	80	0
	Approach slabs: 1440 square feet each end / Bents 1 & 2. Bents 1 & 2: One unsealed, minor- to moderate-sized transverse crack across each slab (80 - CS3).						
1130 - Cracking (RC and Other)		80				80	
331 - Reinforced Concrete Bridge Railing	1- Ben.	124	ft.	124			
	Railing: 62' each side. Minor map cracking along top of railing and on transition panels.						