

# Bridge Inspection Report

**A6524**  
**US 65 SB LM 10.39**  
**over**  
**Jacks Bayou**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

Inspector:

Structure Number: A6524

Inspection Date:

Facility Carried: US 65 SB 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	A6524			(91) DESIGNATED INSPECTION FREQUENCY	24		
(5) INV. ROUTE (ON/UNDER)	1	2	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 SB LM 10.39			CONDITION			
(9) LOCATION	0.3 Mi NW SH 199-Moscow			(58) DECK	7		
(11) MILEPOINT	10.390	(12) BASE HIGHWAY NETWORK	1	(59) SUPERSTRUCTURE	8	(60) SUBSTRUCTURE	8
(13A) LRS INVENTORY ROUTE	0000065150	(13B) SUBROUTE NUMBER	00	(61) CHANNEL & CHANNEL PROTECTION	8	(62) CULVERT	N
(16) LATITUDE	34.15475	(17) LONGITUDE	-91.80352	LOAD RATING AND POSTING			
(98A) BORDER BRIDGE CODE				(31) DESIGN LOAD	5		
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT			(63) METHOD USED TO DETERMINE OPERATING RATING	1		
STRUCTURE TYPE AND MATERIAL				(64) OPERATING RATING	60.0		
(43) STRUCTURE TYPE, MAIN				(65) METHOD USED TO DETERMINE INVENTORY RATING	1		
A) KIND OF MATERIAL/DESIGN:	3 - Steel			(66) INVENTORY RATING	36.0		
B) TYPE OF DESIGN/CONSTR:	02 - Stringer/Multi-beam or Girder			(70) BRIDGE POSTING	5		
(44) STRUCTURE TYPE, APPROACH SPANS				(41) STRUCTURE OPEN/POSTED/CLOSED	A		
A) KIND OF MATERIAL/DESIGN:	0 - Other			APPRAISAL			
B) TYPE OF DESIGN/CONSTR:	00 - Other			(67) STRUCTURAL EVALUATION	8		
(45) NUMBER OF SPANS IN MAIN	1	(46) NUMBER OF APPROACH	0	(68) DECK GEOMETRY	7		
(107) DECK STRUCTURE TYPE	1	(108A) WEARING SURFACE	1	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N		
(108B) DECK MEMBRANE	0	(108C) DECK PROTECTION	0	(71) WATERWAY ADEQUACY	8		
AGE OF SERVICE				(72) APPROACH ROADWAY ALIGNMENT	8		
(27) YEAR BUILT	1997	(106) YEAR RECONSTRUCTED	0000	(36) TRAFFIC SAFETY FEATURE			
(42) TYPE OF SERVICE	ON 1	UNDER 5		36A) BRIDGE RAILINGS:	1		
(28) LANES	ON 02	UNDER 00		36B) TRANSITIONS:	1		
(29) AVERAGE DAILY TRAFFIC	6900	(19) BYPASS DETOUR LENGTH	50	36C) APPROACH GUARDRAIL:	1		
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014			36D) APPROACH GUARDRAIL ENDS:	1		
(109) AVERAGE DAILY TRUCK TRAFFIC	1			(113) SCOUR CRITICAL BRIDGES	8		
GEOMETRIC DATA				SUFFICIENCY RATING	0	STATUS	84.7
(48) LENGTH OF MAX SPAN (ft.)	60	(49) STRUCTURE LENGTH (ft.)	62	CLASSIFICATION			
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0	RIGHT 0		(112) NBIS BRIDGE LENGTH	Y		
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	40.0			(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1		
(52) DECK WIDTH, OUT-TO-OUT (ft.)	42.8			(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	02		
(32) APPROACH ROADWAY WIDTH (ft.)	40.0			(100) STRAHNET HIGHWAY DESIGNATION	2		
(33) BRIDGE MEDIAN	0	(34) SKEW (DEG.)	9	(101) PARALLEL STRUCTURE DESIGNATION	R		
(35) STRUCTURE FLARED	0	(10) INV RTE, MIN VERT CLEAR (ft.)	99.99	(102) DIRECTION OF TRAFFIC	1		
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	41.3			(103) TEMP STRUCTURE			
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99			(105) FEDERAL LANDS HIGHWAYS	0		
(54) VERTICAL UNDER CLEARANCE (ft.)	N		0	(110) DESIGNATED NATIONAL NETWORK	1		
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N		99.9	(20) TOLL	3		
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0			(21) MAINTENANCE RESPONSIBILITY	01		
PROPOSED IMPROVEMENTS				(22) OWNER	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	0		
(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	4307	(115) YEAR OF FUTURE ADT	2028	(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
<b>12 - Reinforced Concrete Deck</b>	1- Ben.	2654	sq. ft.	2468	124	62	0
	Deck: 42.8' wide x 62' long. Unsealed, minor- to moderate-sized longitudinal crack right of centerline (along Girder 3) - full-length of bridge (62 - CS3). Scattered, unsealed, hairline- to minor-sized longitudinal cracks left of centerline (along Girder 2) and near right edge line (along Girder 4) (124 - CS2).						
1130 - Cracking (RC and Other)		186			124	62	
<b>107 - Steel Open Girder/Beam</b>	1- Ben.	300	ft.	300	0	0	0
	Girders: 5 per span / 60' total span. Coating: (W30 x 191) 8.66 square feet per linear feet of girder. Girder 3 right: Loose bolt/nut at Diaphragm 5 connection. Girder 4 left side: Some minor flaking in spots on web just above bottom flange (very little or no section loss).						
515 - Steel Protective Coating		2598	sq. ft.	2598	0	0	0
<b>215 - Reinforced Concrete Abutment</b>	1- Ben.	84	ft.	84			
	Abutments: 42' each / Bents 1 & 2.						
<b>303 - Assembly Joint with Seal</b>	1- Ben.	82	ft.	82			
	Joints: 41' each / Bents 1 & 2.						
<b>310 - Elastomeric Bearing</b>	1- Ben.	10	each	10			
	Bearings: 5 per bent / Bents 1 & 2.						
<b>321 - Reinforced Concrete Approach Slab</b>	1- Ben.	2880	sq. ft.	2840	0	40	0
	Approach slabs: 1440 square feet each end / Bents 1 & 2. Bent 2: One unsealed, moderate-sized transverse crack across slab (40 - CS3).						
1130 - Cracking (RC and Other)		40				40	
<b>331 - Reinforced Concrete Bridge Railing</b>	1- Ben.	124	ft.	124			
	Railing: 62' each side. Minor map cracking along top of railing and on transition panels.						