

# Bridge Inspection Report

**B5446**  
**I-555SB-02-LM16.51**  
**over**  
**DITCH NO 61**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

Inspector:

Structure Number: B5446

Inspection Date:

Facility Carried: I-555SB-02-  
LM16.51

## Bridge Inspection Report

## National Bridge Inventory

IDENTIFICATION				INSPECTIONS			
(1) STATE CODE	056 - Arkansas			(90) INSPECTION DATE	11/17/2015		
(8) STRUCTURE NUMBER	B5446			(91) DESIGNATED INSPECTION FREQUENCY	24		
(5) INV. ROUTE (ON/UNDER)	1	1	1	(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	DITCH NO 61			C. OTHER SPECIAL	N		
(7) FACILITY CARRIED	I-555SB-02-LM16.51			CONDITION			
(9) LOCATION	1.3 MI E JCT SH 14 & 63			(58) DECK	6		
(11) MILEPOINT	16.51	(12) BASE HIGHWAY NETWORK	1	(59) SUPERSTRUCTURE	6	(60) SUBSTRUCTURE	6
(13A) LRS INVENTORY ROUTE	0000063080	(13B) SUBROUTE NUMBER	00	(61) CHANNEL & CHANNEL PROTECTION	7	(62) CULVERT	N
(16) LATITUDE	35.53562	(17) LONGITUDE	-90.47805	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		
(43) STRUCTURE TYPE, MAIN				(65) METHOD USED TO DETERMINE INVENTORY RATING	1		
A) KIND OF MATERIAL/DESIGN:	3 - Steel			(66) INVENTORY RATING	36		
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	6		
(45) NUMBER OF SPANS IN MAIN	17	(46) NUMBER OF APPROACH	0	(68) DECK GEOMETRY	5		
(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	9		
AGE OF SERVICE				(72) APPROACH ROADWAY ALIGNMENT	8		
(27) YEAR BUILT	1973	(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	15375	(19) BYPASS DETOUR LENGTH	1	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	5		
GEOMETRIC DATA				SUFFICIENCY RATING	0	STATUS	95.5
(48) LENGTH OF MAX SPAN (ft.)	80	(49) STRUCTURE LENGTH (ft.)	722	CLASSIFICATION			
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0	RIGHT	0	(112) NBIS BRIDGE LENGTH	Y		
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	37.1			(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1		
(52) DECK WIDTH, OUT-TO-OUT (ft.)	39.7			(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	01		
(32) APPROACH ROADWAY WIDTH (ft.)	38.1			(100) STRAHNET HIGHWAY DESIGNATION	1		
(33) BRIDGE MEDIAN	0	(34) SKEW (DEG.)	0	(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.)	38.1			(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	8692	(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.	28663	sq. ft.	26492	1888	283	0
1080 - Delamination/Spall/Patched Area		283				283	
1090 - Exposed Rebar		48			48		
1120 - Efflorescence/Rust Staining		1433			1433		
1130 - Cracking (RC and Other)		407			407		
<b>107 - Steel Open Girder/Beam</b>	1- Ben.	3600	ft.	3090		507	3
1000 - Corrosion		510				507	3
<b>205 - Reinforced Concrete Column</b>	1- Ben.	8	each	7		1	0
1090 - Exposed Rebar		1				1	
<b>215 - Reinforced Concrete Abutment</b>	1- Ben.	84	ft.	84			
<b>220 - Reinforced Concrete Pile Cap/Footing</b>	1- Ben.	70	ft.	70			
<b>302 - Compression Joint Seal</b>	1- Ben.	667	ft.	599	68		0
2330 - Seal Damage		68			68		
<b>311 - Movable Bearing</b>	1- Ben.	85	each	0		85	0
1000 - Corrosion		85				85	
<b>313 - Fixed Bearing</b>	1- Ben.	85	each	0		85	0
1000 - Corrosion		85				85	
<b>331 - Reinforced Concrete Bridge Railing</b>	1- Ben.	1444	ft.	1444			