

# Bridge Inspection Report

**04198**  
**SH 338-1 Log 0.45**  
**over**  
**OTTER CREEK**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

Inspector:

Structure Number: 04198

Inspection Date:

Facility Carried: SH 338-1 Log 0.45

## Bridge Inspection Report

## National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	03/23/2016
(8) STRUCTURE NUMBER	04198	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 338 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	06 (3) COUNTY CODE 119	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	39020	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	OTTER CREEK	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 338-1 Log 0.45		
(9) LOCATION	0.49 MI E JCT SH 5		
(11) MILEPOINT 0.450	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000338010 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE	34.67104 (17) LONGITUDE -92.41018		
(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: 1 - Concrete		(59) SUPERSTRUCTURE	7 (60) SUBSTRUCTURE 7
B) TYPE OF DESIGN/CONSTR: 01 - Slab		(61) CHANNEL & CHANNEL PROTECTION	6 (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	3 (46) NUMBER OF APPROACH	0	
(107) DECK STRUCTURE TYPE	1 (108A) WEARING SURFACE	6	
(108B) DECK MEMBRANE	0 (108C) DECK PROTECTION	0	
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT	1964 (106) YEAR RECONSTRUCTED	0000	
(42) TYPE OF SERVICE	ON 1 UNDER 5		
(28) LANES	ON 02 UNDER 00		
(29) AVERAGE DAILY TRAFFIC	9700 (19) BYPASS DETOUR LENGTH	4	
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014		
(109) AVERAGE DAILY TRUCK TRAFFIC	1		
GEOMETRIC DATA		APPRAISAL	
(48) LENGTH OF MAX SPAN (ft.)	30 (49) STRUCTURE LENGTH (ft.)	90	
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 1.5 RIGHT 1.5		
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	27.9		
(52) DECK WIDTH, OUT-TO-OUT (ft.)	31		
(32) APPROACH ROADWAY WIDTH (ft.)	32.2		
(33) BRIDGE MEDIAN	0 (34) SKEW (DEG.)	0	
(35) STRUCTURE FLARED	0 (10) INV RTE, MIN VERT CLEAR (ft.)	99.99	
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	31.2		
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99		
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0		
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9		
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0		
PROPOSED IMPROVEMENTS		STATUS	
(75A) TYPE OF WORK PROPOSED	31 (75B) WORK DONE BY	1	
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	117.0		
(94) BRIDGE IMPROVEMENT COST (\$)	0		
(95) ROADWAY IMPROVEMENT COST (\$)	324		
(96) TOTAL PROJECT COST	724		
(97) YEAR OF IMPROVEMENT COST ESTIMATE	2002		
(114) FUTURE ADT	12314 (115) YEAR OF FUTURE ADT	2028	
		CLASSIFICATION	
		(112) NBIS BRIDGE LENGTH	Y
		(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
		(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	14
		(100) STRAHNET HIGHWAY DESIGNATION	0
		(101) PARALLEL STRUCTURE DESIGNATION	N
		(102) DIRECTION OF TRAFFIC	2
		(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	0
		(111) PIER OR ABUTMENT PROTECTION	1
		(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
38 - Reinforced Concrete Slab	1- Ben.	2790	sq. ft.	2785	4	1	0
	Delam on left side of span 3 at bent 3. Span 1 spall with exposed rebar at right scupper drain.						
1080 - Delamination/Spall/Patched Area		1			1		
1090 - Exposed Rebar		1				1	
1130 - Cracking (RC and Other)		3			3		
510 - Wearing Surfaces		2520	sq. ft.	2240	280	0	0
3220 - Crack (Wearing Surface)		280			280		
205 - Reinforced Concrete Column	1- Ben.	4	each	0	4	0	0
	All columns have minor abrasion at water line.						
1190 - Abrasion/Wear (PSC/RC)		4			4		
215 - Reinforced Concrete Abutment	1- Ben.	68	ft.	62	6	0	0
1090 - Exposed Rebar		1			1		
1130 - Cracking (RC and Other)		5			5		
234 - Reinforced Concrete Pier Cap	1- Ben.	56	ft.	53	3	0	0
1130 - Cracking (RC and Other)		3			3		
333 - Other Bridge Railing	1- Ben.	180	ft.	0	180	0	0
1000 - Corrosion		180			180		



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### Pictures



2 inches of asphalt  
overlay on the bridge  
deck.

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### Maintenance Needs

Date Reported: 3/28/2012 12:00:00 AM

Priority: C - Important

Work Code:

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Deficiency Description:

Scour action has undercut the channel bank on the east side.

Work Description:

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Date Repairs Completed:

Maintenance Comments:

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