

# Bridge Inspection Report

**05715**  
**SH 35-03 LM 2.74**  
**over**  
**Camp Creek**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

Inspector:

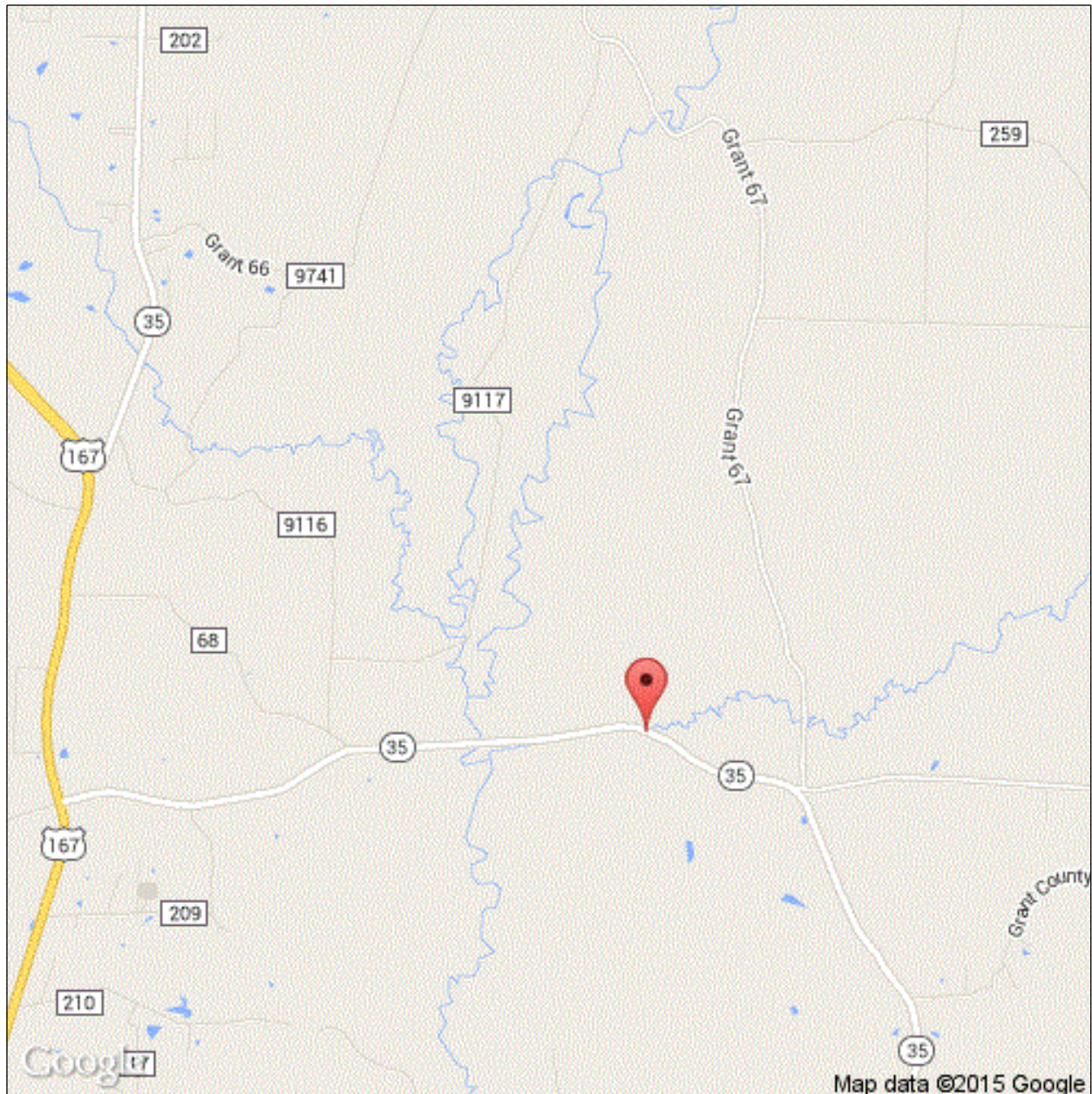
Structure Number: 05715

Inspection Date:

Facility Carried: SH 35-03 LM 2.74

## Bridge Inspection Report

### Location Map



Latitude: 34.229429364302426

Longitude: -92.35918940757642

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### Executive Summary

Bridge is logged from west to east.

09-05-2007, Dropping UW inspection due to sub-str. elements are not continuously submerged. High water events occur. Rock riprap on slopes at Abt's. NBI Items #60 and #61 will represent all elements that occasionally stand in water. RLW.



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## National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	08/02/2017
(8) STRUCTURE NUMBER	05715	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 35 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	02 (3) COUNTY CODE 053	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	Camp Creek	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 35-03 LM 2.74	CONDITION	
(9) LOCATION	2.74 Mi E US 167-Crossrds	(58) DECK	7
(11) MILEPOINT 2.740	(12) BASE HIGHWAY NETWORK 0	(59) SUPERSTRUCTURE	7 (60) SUBSTRUCTURE 7
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00	(61) CHANNEL & CHANNEL PROTECTION	8 (62) CULVERT N
(16) LATITUDE 34.229429364302426	(17) LONGITUDE -92.35918940757642	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:	1 - Concrete	(66) INVENTORY RATING	36.0
B) TYPE OF DESIGN/CONSTR:	01 - Slab	(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	7
(45) NUMBER OF SPANS IN MAIN	3 (46) NUMBER OF APPROACH	(68) DECK GEOMETRY	6
(107) DECK STRUCTURE TYPE	1 (108A) WEARING SURFACE	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(108B) DECK MEMBRANE	0 (108C) DECK PROTECTION	(71) WATERWAY ADEQUACY	8
AGE OF SERVICE		(72) APPROACH ROADWAY ALIGNMENT	7
(27) YEAR BUILT	1977 (106) YEAR RECONSTRUCTED	(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	1200 (19) BYPASS DETOUR LENGTH	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 94.0
(48) LENGTH OF MAX SPAN (ft.)	30 (49) STRUCTURE LENGTH (ft.)	CLASSIFICATION	
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0 RIGHT 0	(112) NBIS BRIDGE LENGTH	Y
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	34.4	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(52) DECK WIDTH, OUT-TO-OUT (ft.)	37	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	07
(32) APPROACH ROADWAY WIDTH (ft.)	38.1	(100) STRAHNET HIGHWAY DESIGNATION	0
(33) BRIDGE MEDIAN	0 (34) SKEW (DEG.)	(101) PARALLEL STRUCTURE DESIGNATION	N
(35) STRUCTURE FLARED	0 (10) INV RTE, MIN VERT CLEAR (ft.)	(102) DIRECTION OF TRAFFIC	2
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	35.4	(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	0
(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

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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.	3330	sq. ft.	1650	0	1680	0
	Deck: 37' wide x 90' long. Some minor map cracking, especially Span 3 right side. Span 1: Moderate-sized longitudinal crack along centerline, with several more minor- to moderate-sized longitudinal cracks in travel lanes. Gutterlines - both sides: Gutters and drains are filled with build-up of dirt and other debris (tree bark), restricting stormwater from flowing off bridge - heaviest build-up on right side.						
1130 - Cracking (RC and Other)		1680				1680	
215 - Reinforced Concrete Abutment	1- Ben.	82	ft.	81	1	0	0
	Abutments: 41' each / Bents 1 & 4. Bent 4 small spall left end.						
1080 - Delamination/Spall/Patched Area		1			1		
227 - Reinforced Concrete Pile	1- Ben.	12	each	11	1	0	0
	Piling: 6 per bent / Bents 2 & 3. Bent 3 Pile 1: Very minor (1') spall next to cap on left back side.						
1080 - Delamination/Spall/Patched Area		1			1		
234 - Reinforced Concrete Pier Cap	1- Ben.	74	ft.	55	19	0	0
	Caps: 37' each / Bents 2 & 3. Cap - Bent 3 back side: Spalling near ends with little steel exposed (very little section loss). 10' on left end / 6' on right end (2' total with steel exposed) Bent 2 bottom of cap has small spalls with exposed rebar.						
1080 - Delamination/Spall/Patched Area		14			14		
1090 - Exposed Rebar		5			5		
301 - Pourable Joint Seal	1- Ben.	136	ft.	0	0	136	0
	Joints: 34" each / Bents 1-4. Bents 1-4: Poured joint material is mostly intact, but has lost adhesion in most places - allowing stormwater to leak through joint and onto cap.						
2320 - Seal Adhesion		136				136	
321 - Reinforced Concrete Approach Slab	1- Ben.	2450	sq. ft.	2274	0	176	0
	Approach slabs: 1 each end / Bents 1 & 4. Bent 1: A couple minor- to moderate-sized transverse and longitudinal cracks. Bent 4: One moderate-sized transverse crack.						
1130 - Cracking (RC and Other)		176				176	
331 - Reinforced Concrete Bridge Railing	1- Ben.	180	ft.	177	3	0	0
	Railing: 90' each side. Bent 3 right: Small spall on top of railing with some steel exposed (no section loss).						
1090 - Exposed Rebar		3			3		

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### Maintenance Needs

Date Reported: 9/1/2011 12:00:00 AM

Priority: D - Routine

Work Code: N/A

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#### Deficiency Description:

Cap – Bent 3 back side:

Spalling near ends with little steel exposed (very little section loss) - 10' on left end / 6' on right end.

#### Work Description:

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Date Repairs Completed:

Maintenance Comments:

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Stage: Monitor



PHOTO 1      Description      Bent 3 spalls and spall with exposed rebar.

Stage: Monitor



PHOTO 2      Description

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Date Reported: 9/1/2011 12:00:00 AM

Priority: D - Routine

Work Code: N/A

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#### Deficiency Description:

Joints – Bents 1-4:

Poured joint material is mostly intact, but has lost adhesion in most places – allowing stormwater to leak through joint and onto cap.

Work Description:

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Date Repairs Completed:

Maintenance Comments:

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Stage: Monitor



PHOTO 1      Description      Joint - Bent 1: Loss of adhesion



