

Bridge Inspection Report

02823
SH 9
over
DRY FORK CREEK



Inspection Date:

Inspected By:

Inspection Type(s):



Inspector:

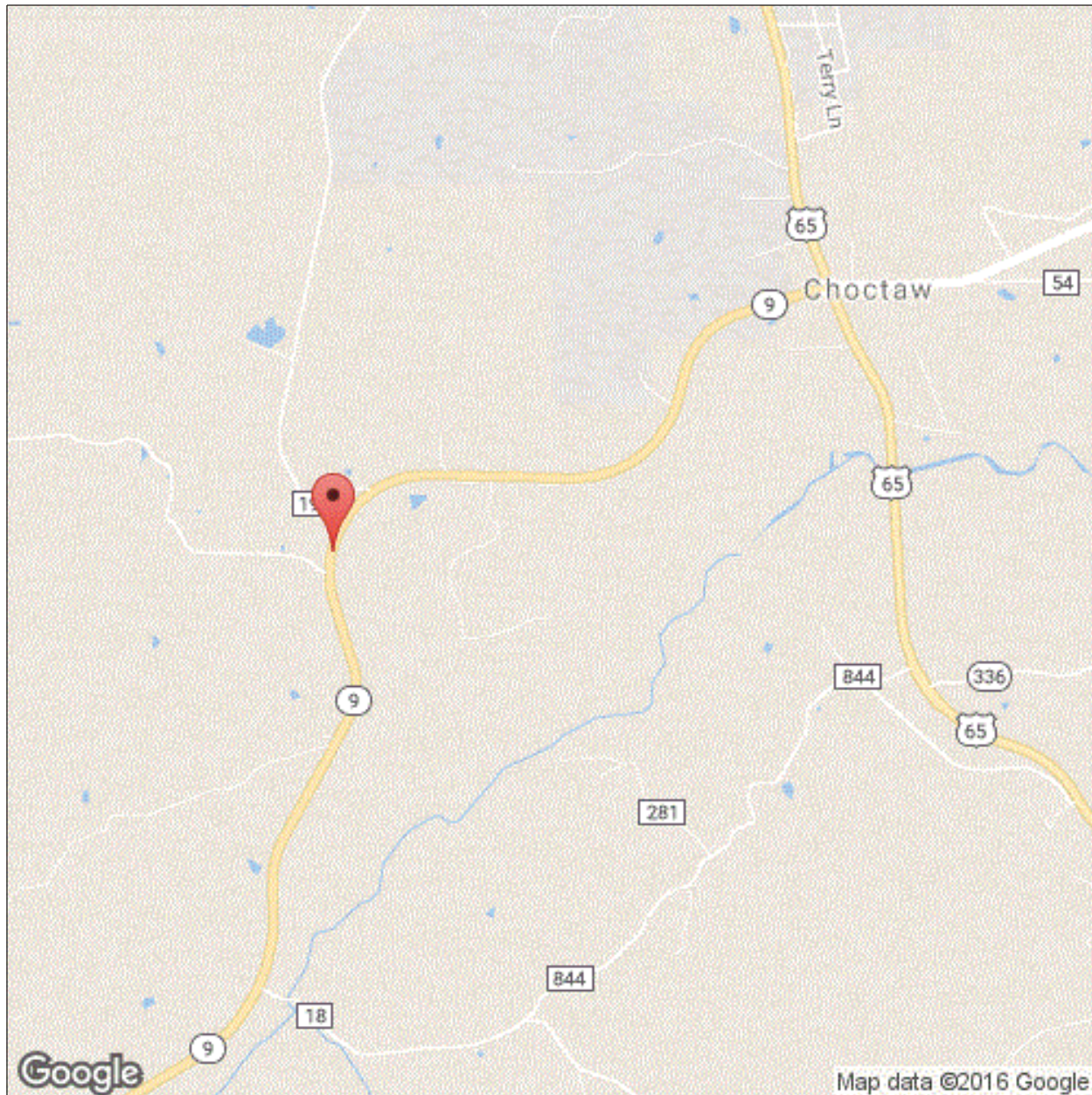
Structure Number: 02823

Inspection Date:

Facility Carried: SH 9

Bridge Inspection Report

Location Map



Latitude: 35.51916

Longitude: -92.46097

Inspector:

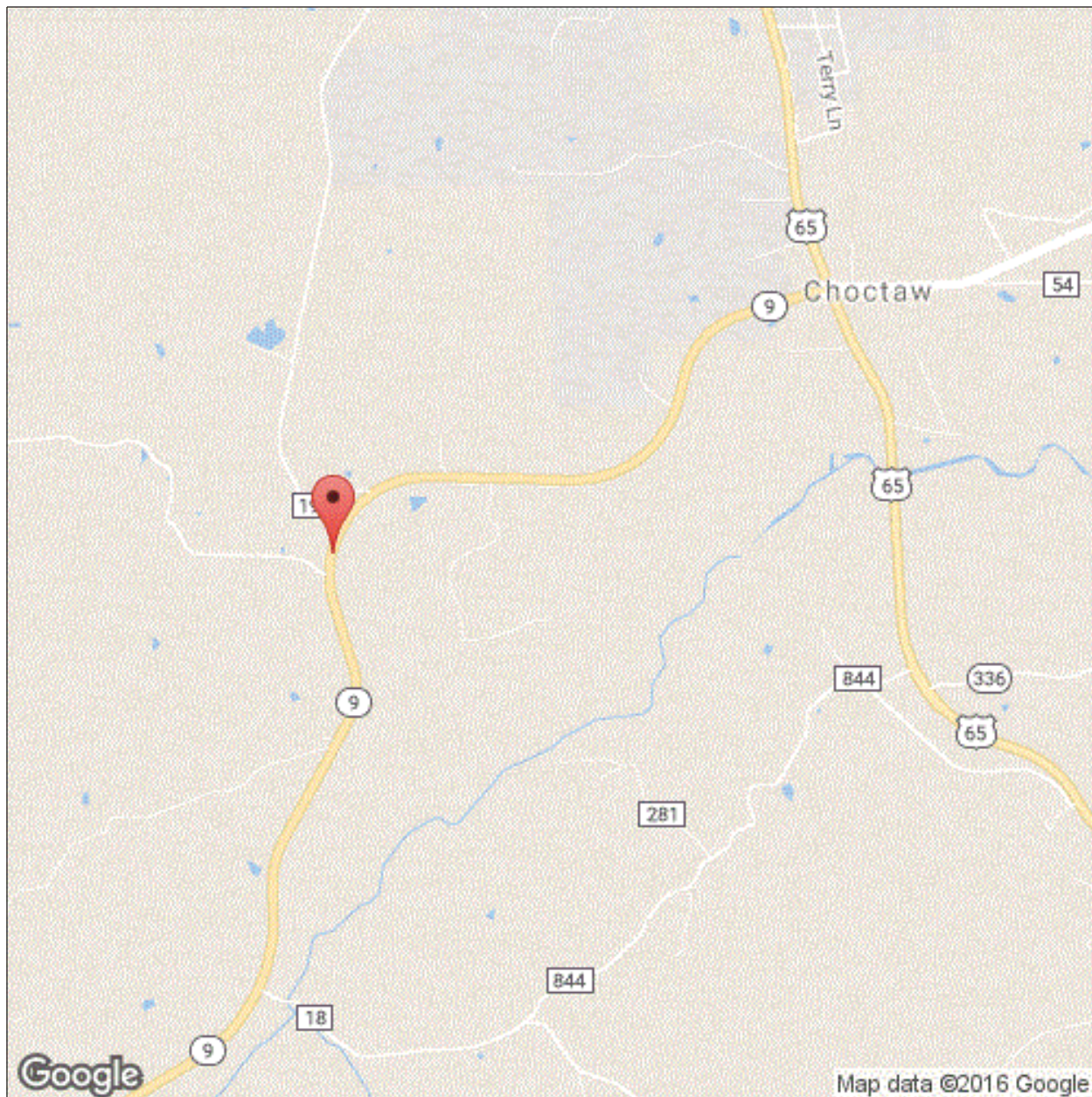
Structure Number: 02823

Inspection Date:

Facility Carried: SH 9

Bridge Inspection Report

Location Map



Latitude: 35.51916

Longitude: -92.46097

Inspector:

Structure Number: 02823

Inspection Date:

Facility Carried: SH 9

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	10/26/2016
(8) STRUCTURE NUMBER	02823	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 9 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	08 (3) COUNTY CODE 141	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	DRY FORK CREEK	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 9		
(9) LOCATION	5.85 MI N OF CONWAY CO		
(11) MILEPOINT 5.849	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000009090 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 35.51916	(17) LONGITUDE -92.46097		
(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	5 (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 4	(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 1952	(106) YEAR RECONSTRUCTED 0000	(31) DESIGN LOAD	2
(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	42.0
(29) AVERAGE DAILY TRAFFIC 2000	(19) BYPASS DETOUR LENGTH 12	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC 2014		(66) INVENTORY RATING	25.0
(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.) 25	(49) STRUCTURE LENGTH (ft.) 100	(67) STRUCTURAL EVALUATION	6
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0 RIGHT 0		(68) DECK GEOMETRY	4
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.) 24.3		(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.) 26.7		(71) WATERWAY ADEQUACY	7
(32) APPROACH ROADWAY WIDTH (ft.) 25.7		(72) APPROACH ROADWAY ALIGNMENT	5
(33) BRIDGE MEDIAN 0	(34) SKEW (DEG.) 30	(36) TRAFFIC SAFETY FEATURE	
(35) STRUCTURE FLARED 0	(10) INV RTE, MIN VERT CLEAR (ft.) 99.99	36A) BRIDGE RAILINGS:	0
(47) TOTAL HORIZONTAL CLEARANCE (ft.) 25.9		36B) TRANSITIONS:	0
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.) 99.99		36C) APPROACH GUARDRAIL:	0
(54) VERTICAL UNDER CLEARANCE (ft.) N 0		36D) APPROACH GUARDRAIL ENDS:	0
(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 66.5
PROPOSED IMPROVEMENTS		CLASSIFICATION	
(75A) TYPE OF WORK PROPOSED 31	(75B) WORK DONE BY 1	(112) NBIS BRIDGE LENGTH	Y
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.) 127.0		(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(94) BRIDGE IMPROVEMENT COST (\$) 0		(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	06
(95) ROADWAY IMPROVEMENT COST (\$) 156		(100) STRAHNET HIGHWAY DESIGNATION	0
(96) TOTAL PROJECT COST 457		(101) PARALLEL STRUCTURE DESIGNATION	N
(97) YEAR OF IMPROVEMENT COST ESTIMATE 2003		(102) DIRECTION OF TRAFFIC	2
(114) FUTURE ADT 4546	(115) YEAR OF FUTURE ADT 2028	(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

Inspector:

Structure Number: 02823

Inspection Date:

Facility Carried: SH 9

Bridge Inspection Report

Maintenance Needs

Date Reported: 10/26/2016

Priority: C - Important

Work Code:

Deficiency Description:

Undermining of cap at abutment 1 & 2 , settlement of approach pavement, scour to slopes. riprap ineffective over 50% of both abutments

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description Undermining of cap. 2' behind face

Stage: Open



PHOTO 2 Description Riprap abutment 2

Inspector:

Inspection Date:

Structure Number: 02823

Facility Carried: SH 9

Bridge Inspection Report

Maintenance Needs

Stage: Open



PHOTO 3 Description Riprap abutment 1

Inspector:

Structure Number: 02823

Inspection Date:

Facility Carried: SH 9

Bridge Inspection Report

Maintenance Needs

Date Reported: 10/29/2012 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Channel, upstream side at pier # 2

Moderate drift is restricting flow.
4' scour hole in span 2

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description Drift on pier 2 upstream face

Stage: Monitor



PHOTO 2 Description Scour span 2

Inspector:

Structure Number: 02823

Inspection Date:

Facility Carried: SH 9

Bridge Inspection Report

Maintenance Needs

Stage: Monitor



PHOTO 3 Description Riprap abutment 1

Inspector:

Structure Number: 02823

Inspection Date:

Facility Carried: SH 9

Bridge Inspection Report

Maintenance Needs

Date Reported: 10/29/2012 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Guard rail post over caps and the end post on the right side at abutment #2

Posts over caps have minor spalling, minor to moderate delamination and cracking. End post has damage from traffic impact.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Inspector:

Structure Number: 02823

Inspection Date:

Facility Carried: SH 9

Bridge Inspection Report

Maintenance Needs

Date Reported: 10/29/2012 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

End of caps at pier #s 1, 2 & 3

Right end of caps have minor spalling (no rebar exposed) and moderate delamination and cracking, also left end of caps have minor to moderate delamination and cracking.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description Downstream end of cap pier 1

Stage: Monitor



PHOTO 2 Description Spall pier 1 span 1 downstream

Inspector:

Structure Number: 02823

Inspection Date:

Facility Carried: SH 9

Bridge Inspection Report

Maintenance Needs

Date Reported: 10/29/2012 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Channel at pier # 2 and in span # 2

Minor to moderate scour.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description Scour span 2