

# Bridge Inspection Report

**M1324**  
**US 70 Coleman**  
**over**  
**COLEMAN CREEK**



**Inspection Date:**

**Inspected By:**

**Inspection Type(s):**

## TABLE OF CONTENTS

	PAGE NUMBER
LOCATION MAP	3
NATIONAL BRIDGE INVENTORY	7
ELEMENTS	8
PICTURES	9
SKETCHES	11

Inspector:

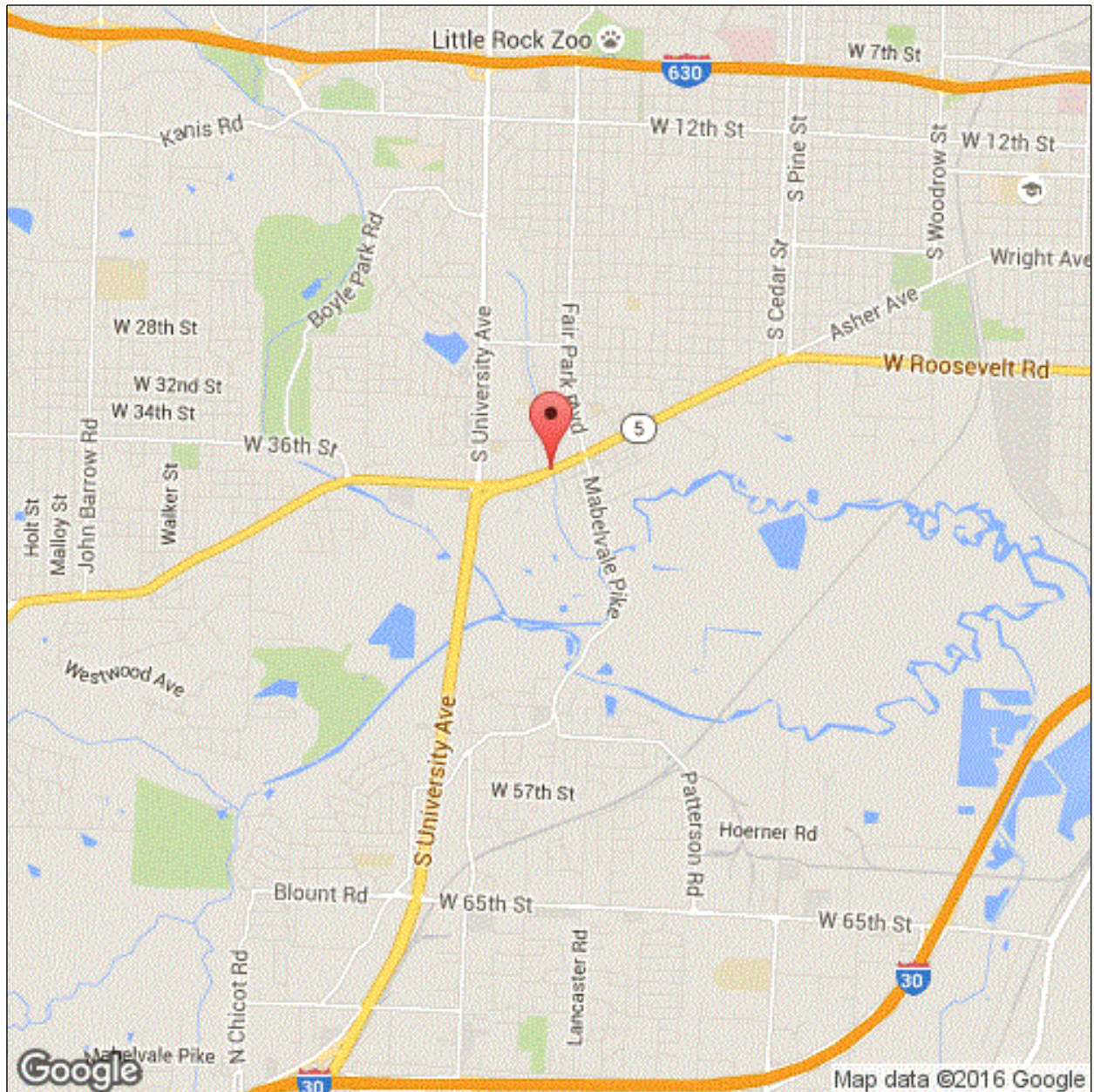
Structure Number: M1324

Inspection Date:

Facility Carried: US 70 Coleman

## Bridge Inspection Report

### Location Map



Latitude: 34.71855

Longitude: -92.33649



Inspector:

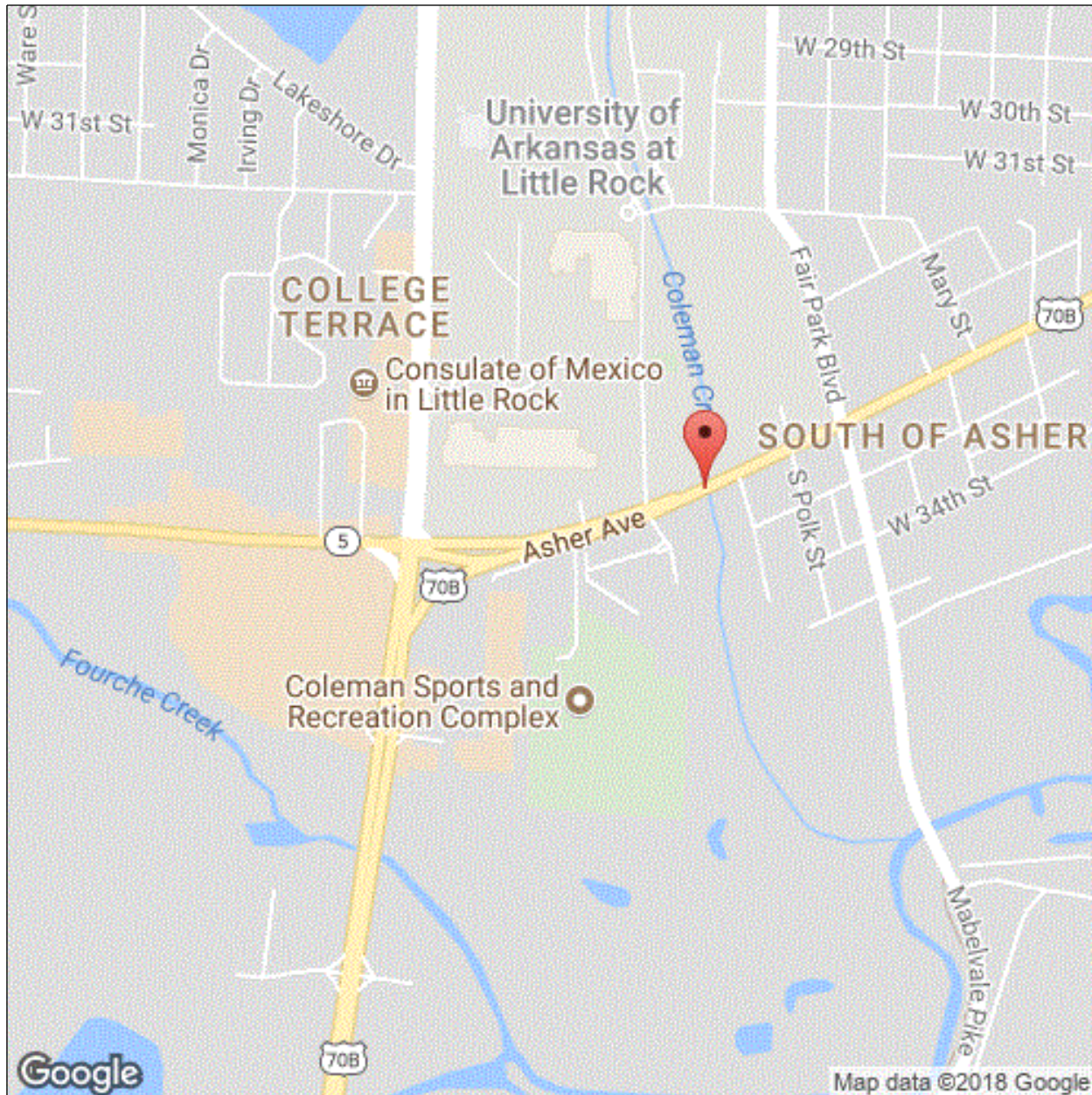
Structure Number: M1324

Inspection Date:

Facility Carried: US 70 Coleman

## Bridge Inspection Report

### Location Map



Latitude: 34.71855

Longitude: -92.33649



Inspector:

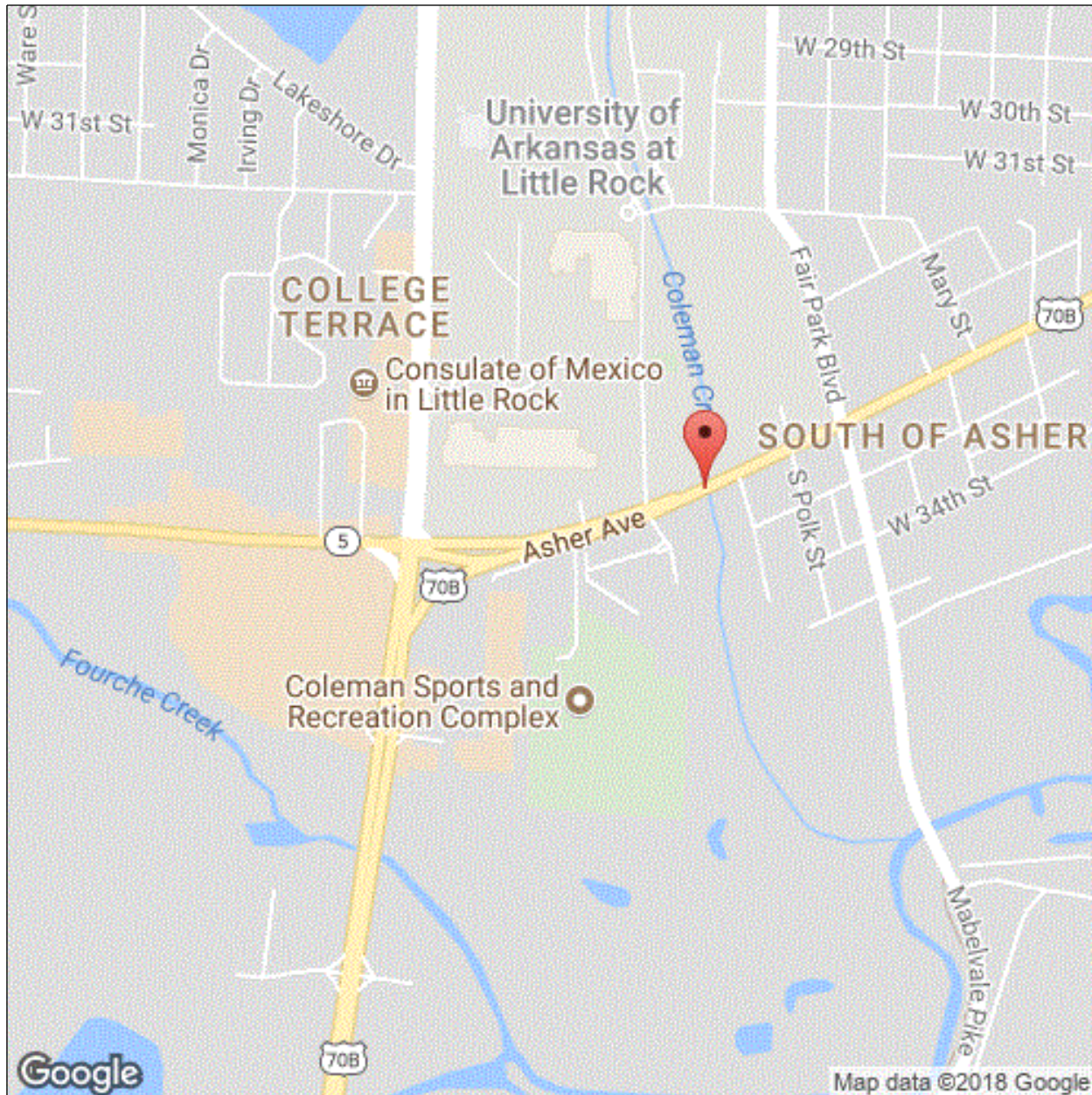
Structure Number: M1324

Inspection Date:

Facility Carried: US 70 Coleman

## Bridge Inspection Report

### Location Map



Latitude: 34.71855

Longitude: -92.33649

**Inspector:**

**Inspection Date:**

**Structure Number:** M1324

**Facility Carried:** US 70 Coleman

## **Bridge Inspection Report**

### **Executive Summary**

Logged east bound.

Inspector:

Structure Number: M1324

Inspection Date:

Facility Carried: US 70 Coleman

## Bridge Inspection Report

## National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	04/11/2018
(8) STRUCTURE NUMBER	M1324	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 2 1 70 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	COLEMAN CREEK	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	US 70 Coleman		
(9) LOCATION	.3 MI E OF SH 5		
(11) MILEPOINT 3.290	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000070120 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 34.71855	(17) LONGITUDE -92.33649		
(98A) BORDER BRIDGE CODE			
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT		
STRUCTURE TYPE AND MATERIAL		CONDITION	
(43) STRUCTURE TYPE, MAIN		(58) DECK	N
A) KIND OF MATERIAL/DESIGN: 1 - Concrete		(59) SUPERSTRUCTURE	N
B) TYPE OF DESIGN/CONSTR: 19 - Culvert (includes frame culverts)		(60) SUBSTRUCTURE	N
(44) STRUCTURE TYPE, APPROACH SPANS		(61) CHANNEL & CHANNEL PROTECTION	7
A) KIND OF MATERIAL/DESIGN: 0 - Other		(62) CULVERT	6
B) TYPE OF DESIGN/CONSTR: 00 - Other			
(45) NUMBER OF SPANS IN MAIN 4	(46) NUMBER OF APPROACH 0		
(107) DECK STRUCTURE TYPE N	(108A) WEARING SURFACE N		
(108B) DECK MEMBRANE N	(108C) DECK PROTECTION N		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT 1930	(106) YEAR RECONSTRUCTED 1979	(31) DESIGN LOAD	2
(42) TYPE OF SERVICE ON 1 UNDER 5		(63) METHOD USED TO DETERMINE OPERATING RATING	1
(28) LANES ON 05 UNDER 00		(64) OPERATING RATING	35
(29) AVERAGE DAILY TRAFFIC 22000	(19) BYPASS DETOUR LENGTH 12	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC 2014		(66) INVENTORY RATING	21
(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.) 12.2	(49) STRUCTURE LENGTH (ft.) 53	(67) STRUCTURAL EVALUATION	4
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0 RIGHT 0		(68) DECK GEOMETRY	2
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.) 60.0		(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.) 86.5		(71) WATERWAY ADEQUACY	8
(32) APPROACH ROADWAY WIDTH (ft.) 60.0		(72) APPROACH ROADWAY ALIGNMENT	8
(33) BRIDGE MEDIAN 0	(34) SKEW (DEG.) 0	(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.) 99.9		36B) TRANSITIONS:	N
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.) 99.99		36C) APPROACH GUARDRAIL:	N
(54) VERTICAL UNDER CLEARANCE (ft.) N 0		36D) APPROACH GUARDRAIL ENDS:	N
(55) LATERAL UNDER CLEARANCE RIGHT (ft.) N 99.9		(113) SCOUR CRITICAL BRIDGES	8
(56) MIN LATERAL UNDER CLEARANCE (ft.) 0		SUFFICIENCY RATING 63.0	STATUS 2
PROPOSED IMPROVEMENTS		CLASSIFICATION	
(75A) TYPE OF WORK PROPOSED	(75B) WORK DONE BY	(112) NBIS BRIDGE LENGTH	Y
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.) 0		(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	1
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	14
(95) ROADWAY IMPROVEMENT COST (\$)	0	(100) STRAHNET HIGHWAY DESIGNATION	0
(96) TOTAL PROJECT COST	0	(101) PARALLEL STRUCTURE DESIGNATION	N
(97) YEAR OF IMPROVEMENT COST ESTIMATE		(102) DIRECTION OF TRAFFIC	2
(114) FUTURE ADT 34997	(115) YEAR OF FUTURE ADT 2028	(103) TEMP STRUCTURE	
		(105) FEDERAL LANDS HIGHWAYS	0
		(110) DESIGNATED NATIONAL NETWORK	1
		(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: M1324

Inspection Date:

Facility Carried: US 70 Coleman

### Bridge Inspection Report

### Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
<b>241 - Reinforced Concrete Culvert</b>	1- Ben.	308	ft.	0	289	19	0
	All barrels have spalls and spalls with exposed rebar in the top of culvert. All barrels have scattered cracks in the walls and abrasion along the the flow line up to a foot tall.						
1080 - Delamination/Spall/Patched Area		3				3	
1090 - Exposed Rebar		7				7	
1130 - Cracking (RC and Other)		51			51		
1190 - Abrasion/Wear (PSC/RC)		247			238	9	



**Inspector:**

**Inspection Date:**

**Structure Number:** M1324

**Facility Carried:** US 70 Coleman

**Bridge Inspection Report**

**Pictures**

PHOTO 1

Description

PHOTO 2

Description

**Inspector:**

**Inspection Date:**

**Structure Number:** M1324

**Facility Carried:** US 70 Coleman

**Bridge Inspection Report**

**Pictures**

PHOTO 2

Description

**Inspector:**

**Inspection Date:**

**Structure Number:** M1324

**Facility Carried:** US 70 Coleman

**Bridge Inspection Report**

**Sketches**



**Inspector:**

**Inspection Date:**

**Structure Number:** M1324

**Facility Carried:** US 70 Coleman

**Bridge Inspection Report**

**Maintenance Needs**