

Bridge Inspection Report

A0396
US 70-8 Log 2.59
over
LOST 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	10

Inspector:

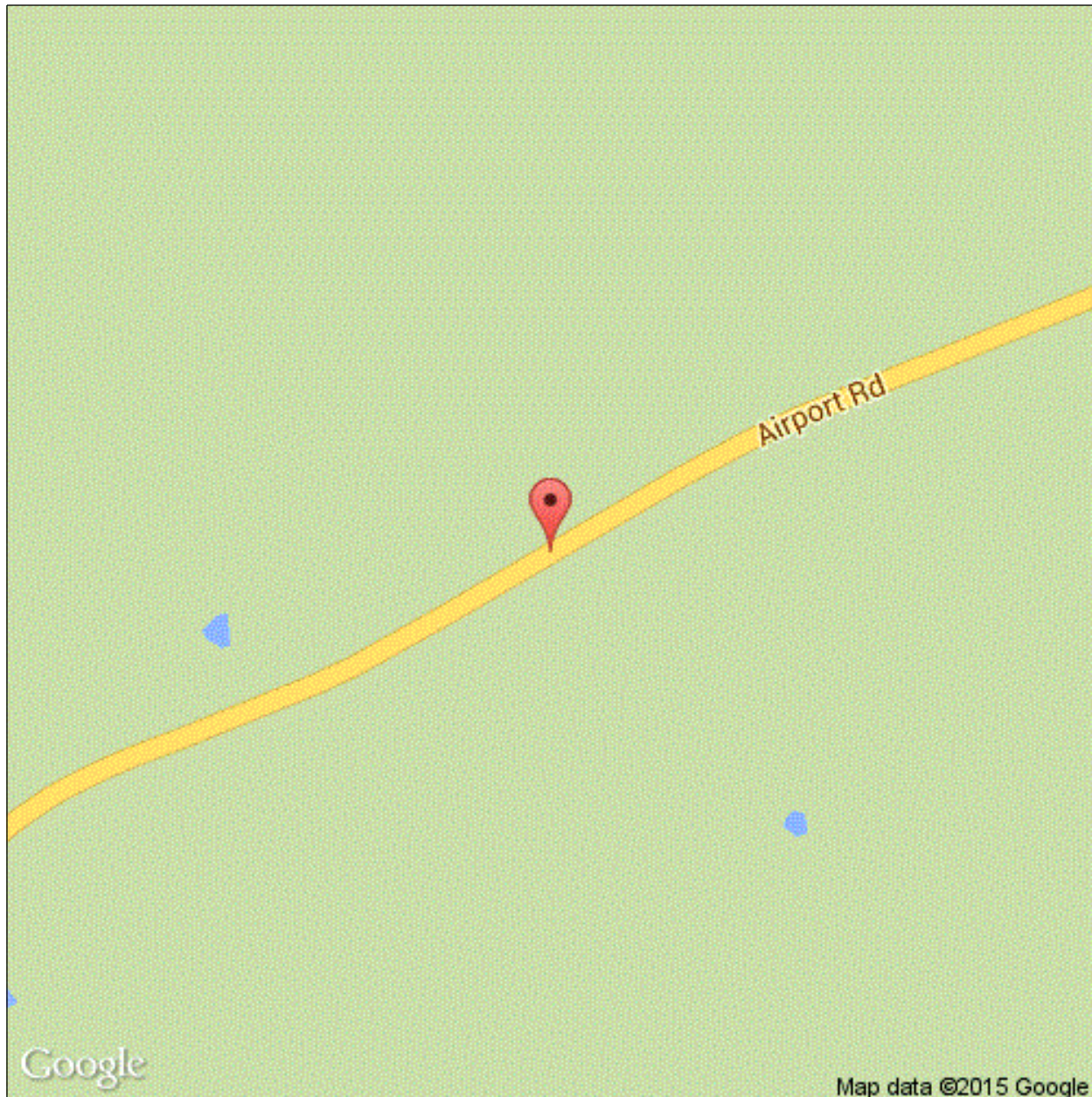
Inspection Date:

Structure Number: A0396

Facility Carried: US 70-8 Log 2.59

Bridge Inspection Report

Location Map



Latitude: 34.420261

Longitude: -93.316010

Inspector:

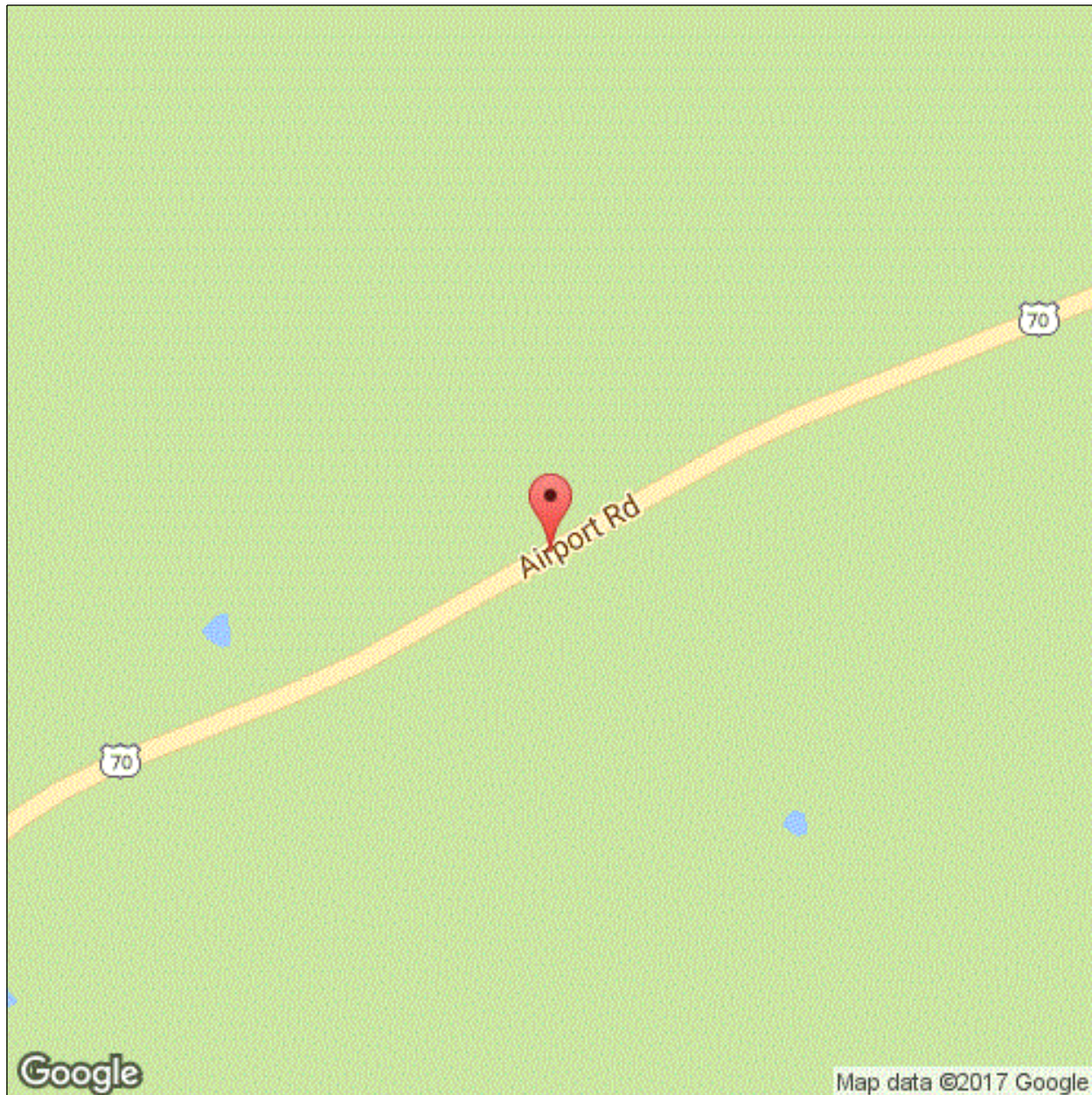
Inspection Date:

Structure Number: A0396

Facility Carried: US 70-8 Log 2.59

Bridge Inspection Report

Location Map



Latitude: 34.420261

Longitude: -93.316010

Inspector:

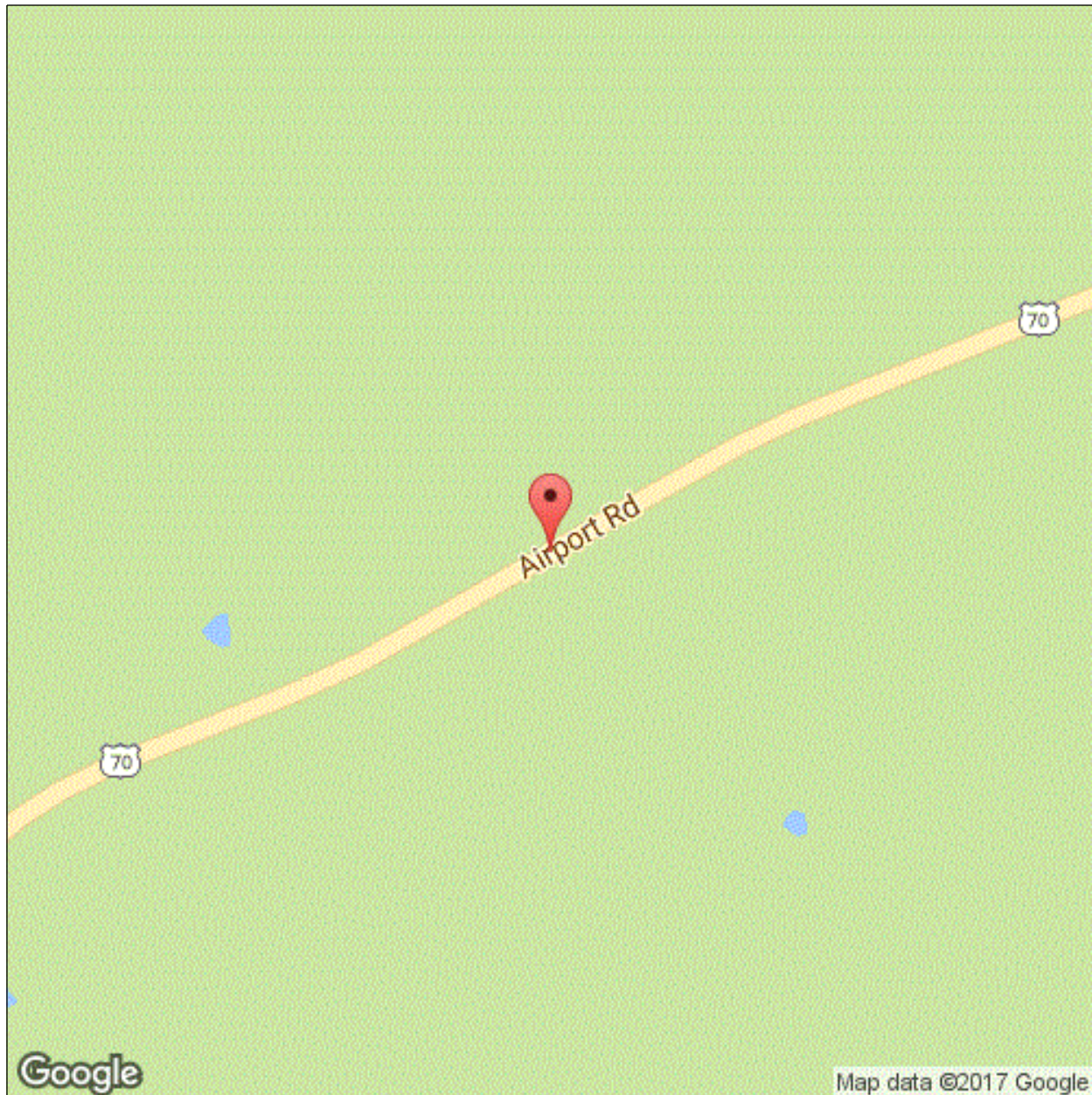
Inspection Date:

Structure Number: A0396

Facility Carried: US 70-8 Log 2.59

Bridge Inspection Report

Location Map



Latitude: 34.420261

Longitude: -93.316010

Inspector:

Inspection Date:

Structure Number: A0396

Facility Carried: US 70-8 Log 2.59

Bridge Inspection Report

Executive Summary

job 1450 dwg 18567. Layout 18567

approch looking east

Inspector:

Structure Number: A0396

Inspection Date:

Facility Carried: US 70-8 Log 2.59

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	08/21/2017
(8) STRUCTURE NUMBER	A0396	(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 051	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	LOST CREEK	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	US 70-8 Log 2.59		
(9) LOCATION	2.59 MI N HOT SPRING CO L		
(11) MILEPOINT 2.590	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000070080 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE	34.420261 (17) LONGITUDE -93.316010		
(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	6 (60) SUBSTRUCTURE 6
B) TYPE OF DESIGN/CONSTR: 04 - Tee Beam		(61) CHANNEL & CHANNEL PROTECTION	7 (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	2 (46) NUMBER OF APPROACH		
(107) DECK STRUCTURE TYPE	1 (108A) WEARING SURFACE		
(108B) DECK MEMBRANE	0 (108C) DECK PROTECTION		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT	1928 (106) YEAR RECONSTRUCTED	(31) DESIGN LOAD	4
(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	55
(29) AVERAGE DAILY TRAFFIC	5200 (19) BYPASS DETOUR LENGTH	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC	2014	(66) INVENTORY RATING	33
(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.)	39 (49) STRUCTURE LENGTH (ft.)	(67) STRUCTURAL EVALUATION	6
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0 RIGHT 0	(68) DECK GEOMETRY	3
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	30.2	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.)	32.8	(71) WATERWAY ADEQUACY	8
(32) APPROACH ROADWAY WIDTH (ft.)	32.2	(72) APPROACH ROADWAY ALIGNMENT	8
(33) BRIDGE MEDIAN	0 (34) SKEW (DEG.)	(36) TRAFFIC SAFETY FEATURE	
(35) STRUCTURE FLARED	0 (10) INV RTE, MIN VERT CLEAR (ft.)	36A) BRIDGE RAILINGS:	1
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	31.2	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	67.5 STATUS 2
PROPOSED IMPROVEMENTS		CLASSIFICATION	
(75A) TYPE OF WORK PROPOSED	31 (75B) WORK DONE BY	(112) NBIS BRIDGE LENGTH	Y
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	106.0	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(94) BRIDGE IMPROVEMENT COST (\$)	0	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	06
(95) ROADWAY IMPROVEMENT COST (\$)	265	(100) STRAHNET HIGHWAY DESIGNATION	0
(96) TOTAL PROJECT COST	699	(101) PARALLEL STRUCTURE DESIGNATION	N
(97) YEAR OF IMPROVEMENT COST ESTIMATE	2001	(102) DIRECTION OF TRAFFIC	2
(114) FUTURE ADT	5783 (115) YEAR OF FUTURE ADT	(103) TEMP STRUCTURE	
	2028	(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: A0396

Inspection Date:

Facility Carried: US 70-8 Log 2.59

Bridge Inspection Report

Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
16 - Reinforced Concrete Top Flange	1- Ben.	1398	sq. ft.	1396	2	0	0
Small crack with efflorescence in span 2. Wearing surface has small cracks.							
1120 - Efflorescence/Rust Staining		2		0	2	0	0
510 - Wearing Surfaces		1398	sq. ft.	1238	160	0	0
3210 - Delamination/Spall/Patched Area/Pothole (Wearing Surfaces)		10		0	10	0	0
3220 - Crack (Wearing Surface)		150		0	150	0	0
38 - Reinforced Concrete Slab	1- Ben.	944	sq. ft.	944	0	0	0
510 - Wearing Surfaces		753	sq. ft.	753	0	0	0
110 - Reinforced Concrete Open Girder/Beam	1- Ben.	240	ft.	237	3	0	0
Small spalls with exposed rebar in span 2 girders 1&3. All girders have hair line cracks.							
1090 - Exposed Rebar		3		0	3	0	0
205 - Reinforced Concrete Column	1- Ben.	4	each	0	4	0	0
Columns at bent 2 have light abrasion and tops footing are exposed.							
1190 - Abrasion/Wear (PSC/RC)		4		0	4	0	0
215 - Reinforced Concrete Abutment	1- Ben.	96	ft.	73	23	0	0
Footing exposed at bent 1 abutment. Small cracks in both abutments							
1130 - Cracking (RC and Other)		23		0	23	0	0
234 - Reinforced Concrete Pier Cap	1- Ben.	33	ft.	32	1	0	0
1120 - Efflorescence/Rust Staining		1		0	1	0	0
331 - Reinforced Concrete Bridge Railing	1- Ben.	160	ft.	145	15	0	0
Bridge rail has small cracks							
1130 - Cracking (RC and Other)		15		0	15	0	0

Inspector:

Inspection Date:

Structure Number: A0396

Facility Carried: US 70-8 Log 2.59

Bridge Inspection Report

Pictures

PHOTO 1

Description

PHOTO 2

Description

Inspector:

Inspection Date:

Structure Number: A0396

Facility Carried: US 70-8 Log 2.59

Bridge Inspection Report

Sketches

Inspector:

Inspection Date:

Structure Number: A0396

Facility Carried: US 70-8 Log 2.59

Bridge Inspection Report

Maintenance Needs