

Bridge Inspection Report

03352

SH 149-06- LM 4.84

over

DRAINAGE DITCH NUMBER 47



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:

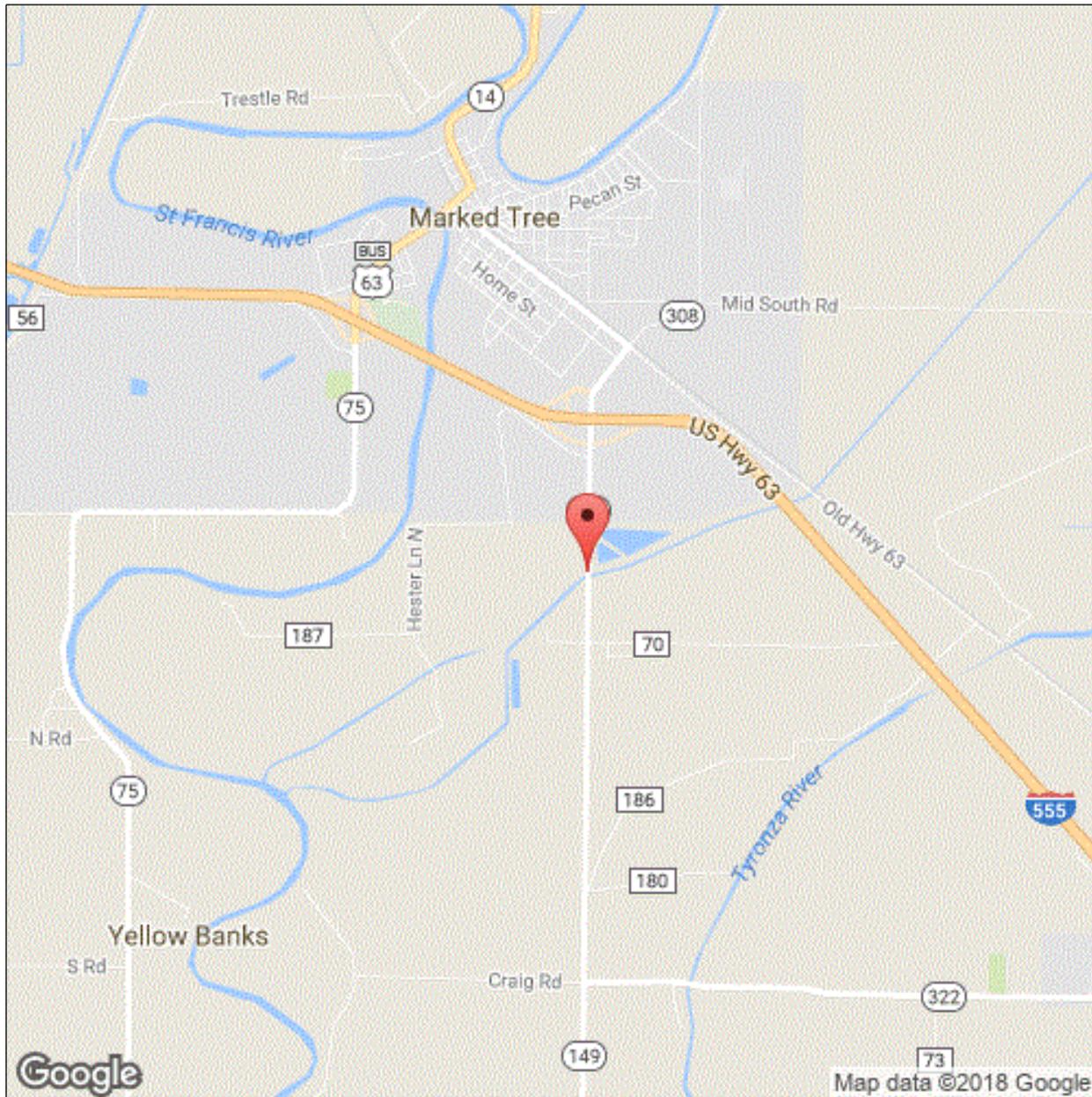
Structure Number: 03352

Inspection Date:

Facility Carried: SH 149-06- LM 4.84

Bridge Inspection Report

Location Map



Latitude: 35.51014

Longitude: -90.41245

Inspector:

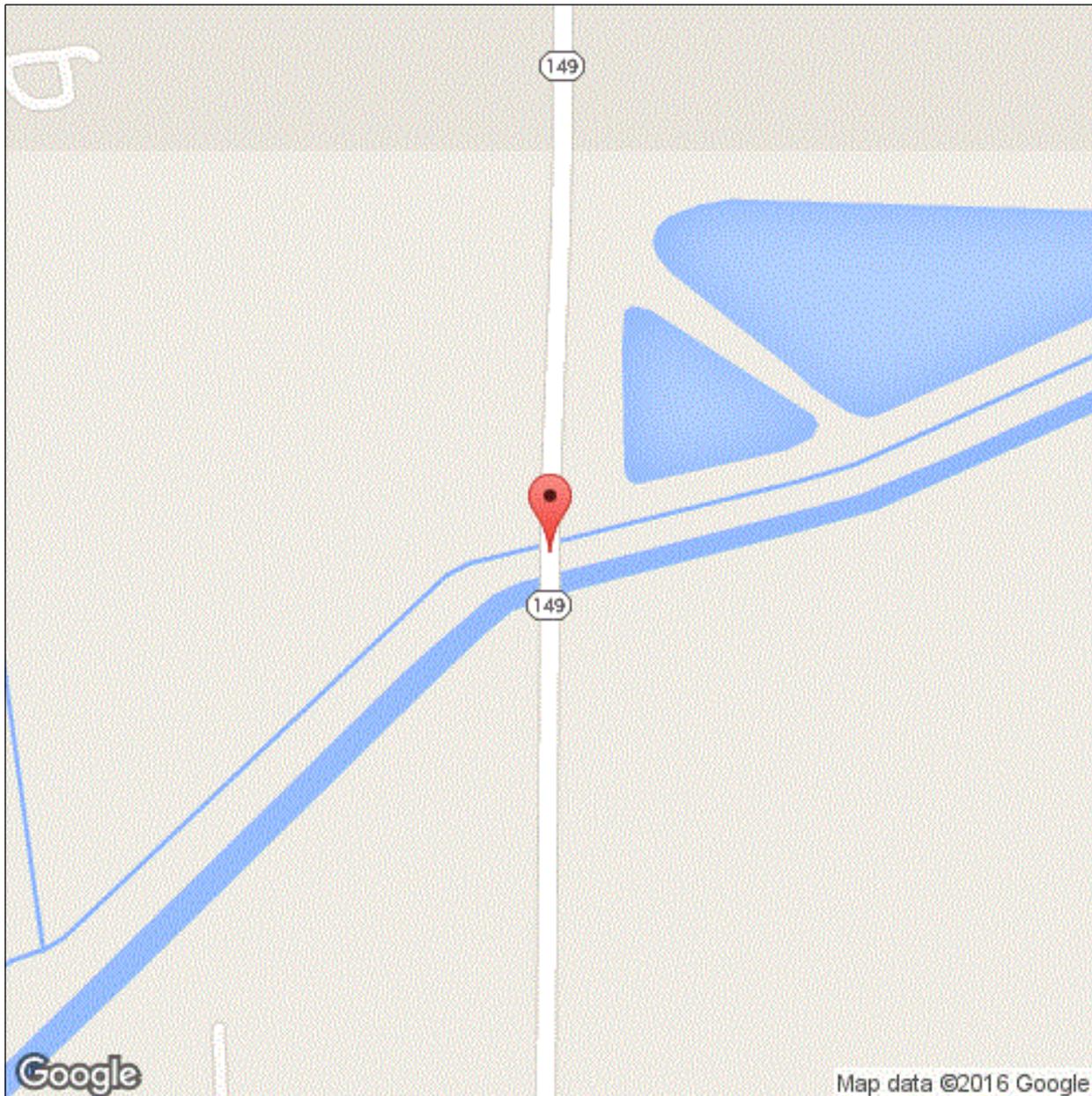
Structure Number: 03352

Inspection Date:

Facility Carried: SH 149-06- LM 4.84

Bridge Inspection Report

Location Map



Latitude: 35.51014
Longitude: -90.41245

Inspector:

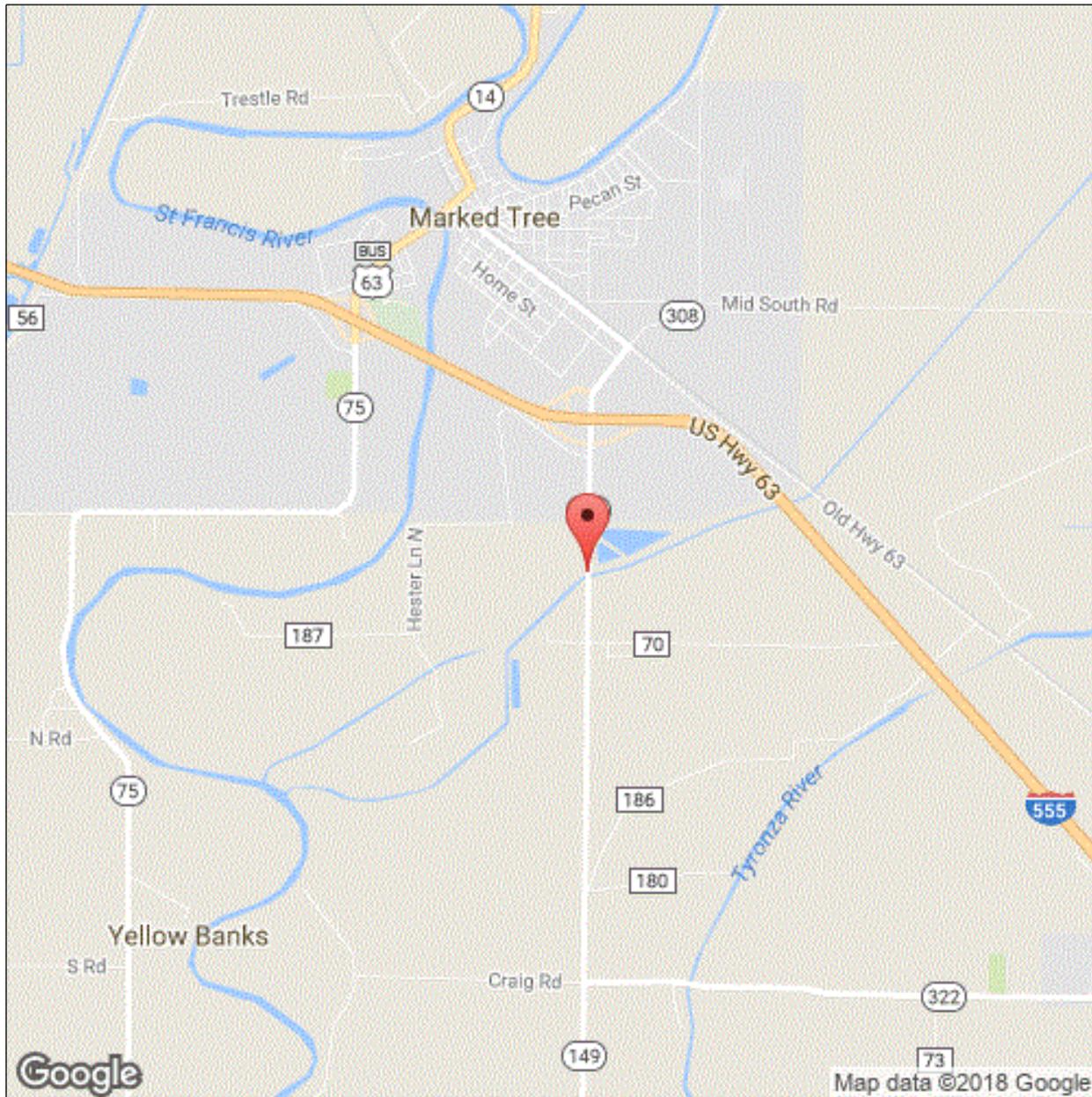
Structure Number: 03352

Inspection Date:

Facility Carried: SH 149-06- LM 4.84

Bridge Inspection Report

Location Map



Latitude: 35.51014

Longitude: -90.41245

Inspector:

Inspection Date:

Structure Number: 03352

Facility Carried: SH 149-06- LM 4.84

Bridge Inspection Report

Executive Summary

Inspector:

Structure Number: 03352

Inspection Date:

Facility Carried: SH 149-06- LM 4.84

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	01/18/2018
(8) STRUCTURE NUMBER	03352	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 3 1 149 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	10 (3) COUNTY CODE 111	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	DRAINAGE DITCH NUMBER 47	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	SH 149-06- LM 4.84	CONDITION	
(9) LOCATION	1.0 MI S JCT OF US 63	(58) DECK	7
(11) MILEPOINT 4.840	(12) BASE HIGHWAY NETWORK 0	(59) SUPERSTRUCTURE 7	(60) SUBSTRUCTURE 6
(13A) LRS INVENTORY ROUTE	0000000000 (13B) SUBROUTE NUMBER 00	(61) CHANNEL & CHANNEL PROTECTION 6	(62) CULVERT N
(16) LATITUDE 35.51014	(17) LONGITUDE -90.41245	LOAD RATING AND POSTING	
(98A) BORDER BRIDGE CODE		(31) DESIGN LOAD	2
PERCENT RESPONSIBILITY	(99) BORDER BRIDGE STRUCT	(63) METHOD USED TO DETERMINE OPERATING RATING	1
STRUCTURE TYPE AND MATERIAL		(64) OPERATING RATING	47.0
(43) STRUCTURE TYPE, MAIN		(65) METHOD USED TO DETERMINE INVENTORY RATING	1
A) KIND OF MATERIAL/DESIGN:	1 - Concrete	(66) INVENTORY RATING	28.0
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	6
(45) NUMBER OF SPANS IN MAIN 3	(46) NUMBER OF APPROACH 0	(68) DECK GEOMETRY	4
(107) DECK STRUCTURE TYPE 1	(108A) WEARING SURFACE 6	(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(108B) DECK MEMBRANE 0	(108C) DECK PROTECTION 0	(71) WATERWAY ADEQUACY	8
AGE OF SERVICE		(72) APPROACH ROADWAY ALIGNMENT	8
(27) YEAR BUILT 1961	(106) YEAR RECONSTRUCTED 0000	(36) TRAFFIC SAFETY FEATURE	
(42) TYPE OF SERVICE ON 1	UNDER 5	36A) BRIDGE RAILINGS:	0
(28) LANES ON 02	UNDER 00	36B) TRANSITIONS:	0
(29) AVERAGE DAILY TRAFFIC 1300	(19) BYPASS DETOUR LENGTH 5	36C) APPROACH GUARDRAIL:	0
(30) YEAR OF AVERAGE DAILY TRAFFIC 2014		36D) APPROACH GUARDRAIL ENDS:	0
(109) AVERAGE DAILY TRUCK TRAFFIC 1		(113) SCOUR CRITICAL BRIDGES	5
GEOMETRIC DATA		SUFFICIENCY RATING	0
(48) LENGTH OF MAX SPAN (ft.) 25	(49) STRUCTURE LENGTH (ft.) 75	STATUS	73.3
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0.9 RIGHT 0.9	CLASSIFICATION	
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)	24.0	(112) NBIS BRIDGE LENGTH	Y
(52) DECK WIDTH, OUT-TO-OUT (ft.)	26.5	(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0
(32) APPROACH ROADWAY WIDTH (ft.)	25.9	(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	07
(33) BRIDGE MEDIAN 0	(34) SKEW (DEG.) 0	(100) STRAHNET HIGHWAY DESIGNATION	0
(35) STRUCTURE FLARED 0	(10) INV RTE, MIN VERT CLEAR (ft.) 99.99	(101) PARALLEL STRUCTURE DESIGNATION	N
(47) TOTAL HORIZONTAL CLEARANCE (ft.)	25.9	(102) DIRECTION OF TRAFFIC	2
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)	99.99	(103) TEMP STRUCTURE	
(54) VERTICAL UNDER CLEARANCE (ft.)	N 0	(105) FEDERAL LANDS HIGHWAYS	0
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)	N 99.9	(110) DESIGNATED NATIONAL NETWORK	0
(56) MIN LATERAL UNDER CLEARANCE (ft.)	0	(20) TOLL	3
PROPOSED IMPROVEMENTS		(21) MAINTENANCE RESPONSIBILITY	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
(114) FUTURE ADT 1490	(115) YEAR OF FUTURE ADT 2028	(40) NAV HORIZONTAL CLEARANCE (ft.)	0

Inspector:

Structure Number: 03352

Inspection Date:

Facility Carried: SH 149-06- LM 4.84

Bridge Inspection Report

Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
38 - Reinforced Concrete Slab	1- Ben.	1988	sq. ft.	1908	68	12	0
1120 - Efflorescence/Rust Staining		15			15		
1130 - Cracking (RC and Other)		65			53	12	
510 - Wearing Surfaces		1800	sq. ft.	1702	46	52	0
3210 - Delamination/Spall/Patched Area/Pothole (Wearing Surfaces)		2				2	
3220 - Crack (Wearing Surface)		96			46	50	
227 - Reinforced Concrete Pile	1- Ben.	8	each	8			
234 - Reinforced Concrete Pier Cap	1- Ben.	129	ft.	119	1	9	0
1080 - Delamination/Spall/Patched Area		2			1	1	
1090 - Exposed Rebar		3				3	
1120 - Efflorescence/Rust Staining		5				5	
301 - Pourable Joint Seal	1- Ben.	48	ft.	48			
330 - Metal Bridge Railing	1- Ben.	150	ft.	74	75	1	0
1000 - Corrosion		75			75		
7000 - Damage		1				1	

Inspector:

Inspection Date:

Structure Number: 03352

Facility Carried: SH 149-06- LM 4.84

Bridge Inspection Report

Pictures

Inspector:

Inspection Date:

Structure Number: 03352

Facility Carried: SH 149-06- LM 4.84

Bridge Inspection Report

Sketches

Inspector:

Structure Number: 03352

Inspection Date:

Facility Carried: SH 149-06- LM 4.84

Bridge Inspection Report

Maintenance Needs

Date Reported: 1/3/2012 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Bent 1 cap is undermined for 10' on Rt end up to 1' down and 3' back under. Cap is undermined for 3' on Lt end up to 6" down and 1.5' back under.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Inspector:

Structure Number: 03352

Inspection Date:

Facility Carried: SH 149-06- LM 4.84

Bridge Inspection Report

Maintenance Needs

Date Reported: 1/3/2012 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Bent 3 cap is deteriorated on Lt and Rt ends with rebar exposed on Rt end.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description

Inspector:

Structure Number: 03352

Inspection Date:

Facility Carried: SH 149-06- LM 4.84

Bridge Inspection Report

Maintenance Needs

Date Reported: 1/3/2012 12:00:00 AM

Priority: G - General/ Preventive maintenance

Work Code:

Deficiency Description:

Channel

Small trees growing under bridge.

Work Description:

Date Repairs Completed: 01/18/2018

Maintenance Comments:

Trees have been removed.
