

Bridge Inspection Report

06549
US 67-17- LM 15.14
over
VILLAGE 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	12

Inspector:

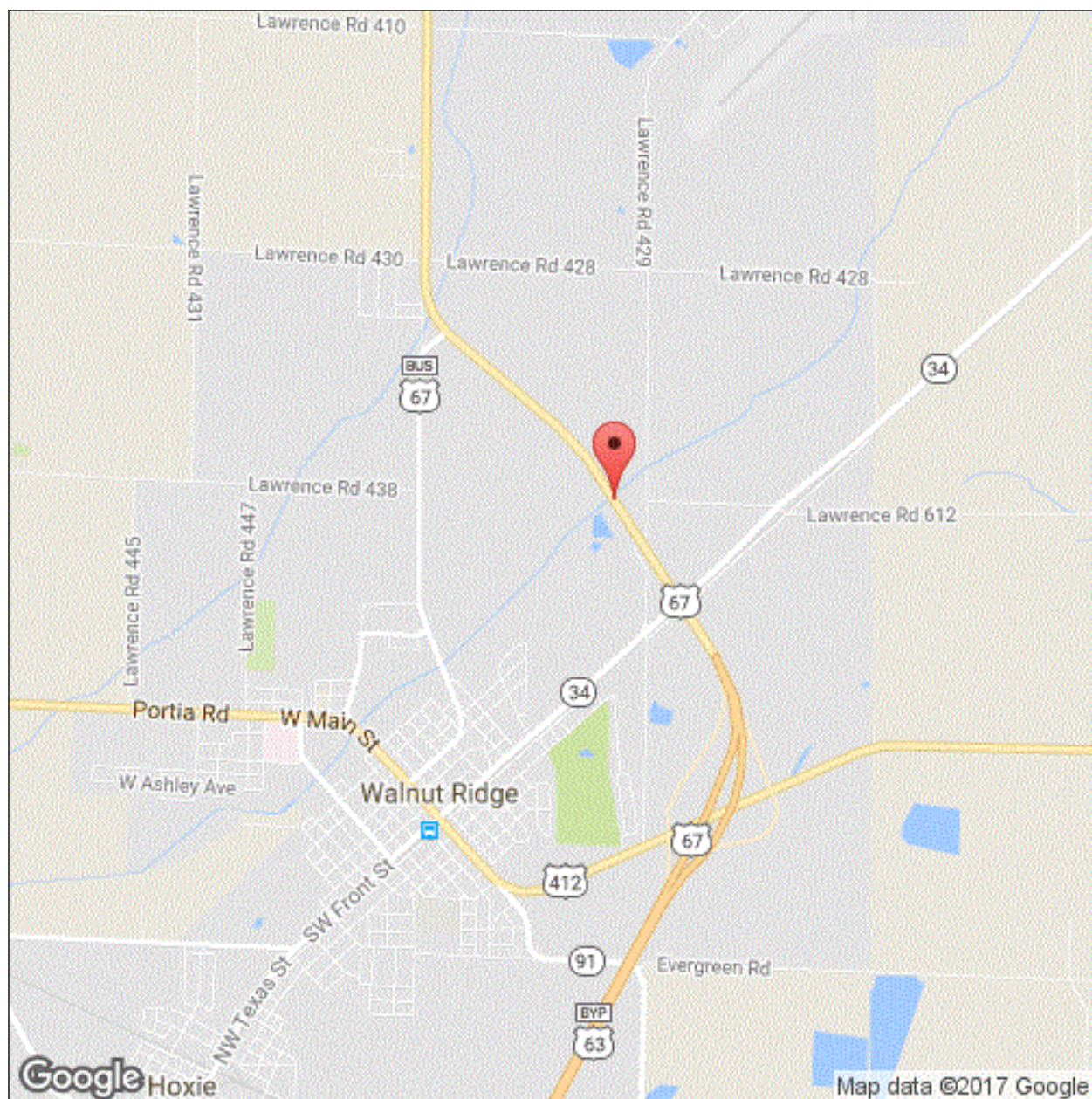
Structure Number: 06549

Inspection Date:

Facility Carried: US 67-17- LM 15.14

Bridge Inspection Report

Location Map



Latitude: 36.08856724519199

Longitude: -90.94206091368989

Inspector:

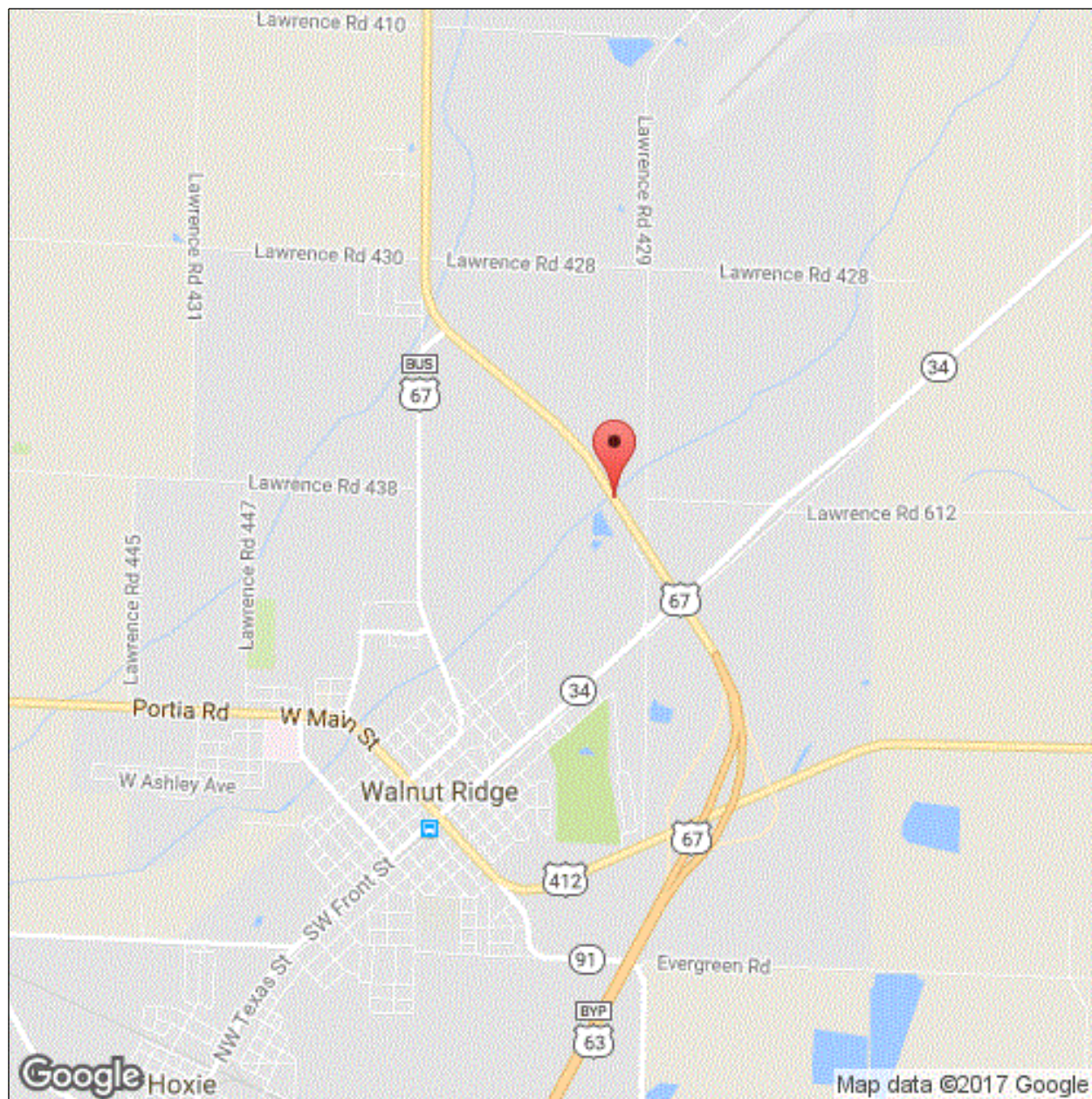
Structure Number: 06549

Inspection Date:

Facility Carried: US 67-17- LM 15.14

Bridge Inspection Report

Location Map



Latitude: 36.08856724519199

Longitude: -90.94206091368989

Inspector:

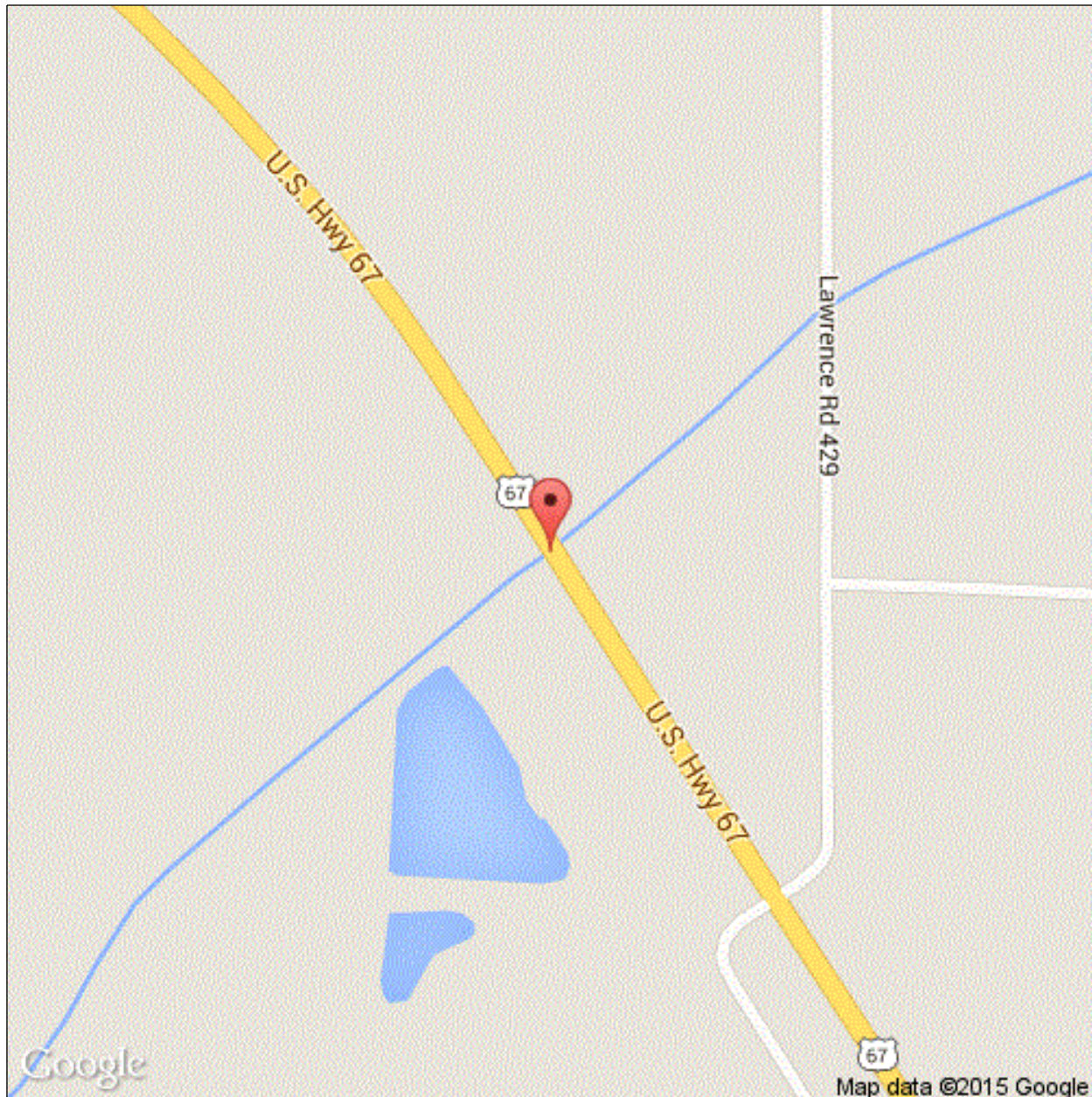
Structure Number: 06549

Inspection Date:

Facility Carried: US 67-17- LM 15.14

Bridge Inspection Report

Location Map



Latitude: 36.08856724519199

Longitude: -90.94206091368989

Inspector:

Inspection Date:

Structure Number: 06549

Facility Carried: US 67-17- LM 15.14

Bridge Inspection Report

Executive Summary

Inspector:

Structure Number: 06549

Inspection Date:

Facility Carried: US 67-17- LM 15.14

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION		INSPECTIONS	
(1) STATE CODE	056 - Arkansas	(90) INSPECTION DATE	07/10/2017
(8) STRUCTURE NUMBER	06549	(91) DESIGNATED INSPECTION FREQUENCY	24
(5) INV. ROUTE (ON/UNDER)	1 2 1 67 0	(92) CRITICAL FEATURE INSPECTION	(93) CFI DATE
(2) HIGHWAY AGENCY	10 (3) COUNTY CODE 075	A. FRACTURE CRITICAL DETAIL	N
(4) PLACE CODE	00000	B. UNDERWATER INSPECTION	N
(6) FEATURES INTERSECTED	VILLAGE CREEK	C. OTHER SPECIAL	N
(7) FACILITY CARRIED	US 67-17- LM 15.14		
(9) LOCATION	0.6 MI N JCT US 67 & SH34		
(11) MILEPOINT 15.14	(12) BASE HIGHWAY NETWORK 1		
(13A) LRS INVENTORY ROUTE	0000067170 (13B) SUBROUTE NUMBER 00		
(16) LATITUDE 36.08856724519199	(17) LONGITUDE -90.94206091368989		
(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 8
B) TYPE OF DESIGN/CONSTR: 01 - Slab		(61) CHANNEL & CHANNEL PROTECTION	8 (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 3	(46) NUMBER OF APPROACH 0		
(107) DECK STRUCTURE TYPE 1	(108A) WEARING SURFACE 1		
(108B) DECK MEMBRANE 0	(108C) DECK PROTECTION 0		
AGE OF SERVICE		LOAD RATING AND POSTING	
(27) YEAR BUILT 1999	(106) YEAR RECONSTRUCTED 0000	(31) DESIGN LOAD	5
(42) TYPE OF SERVICE ON 1 UNDER 5		(63) METHOD USED TO DETERMINE OPERATING RATING	1
(28) LANES ON 04 UNDER 00		(64) OPERATING RATING	60
(29) AVERAGE DAILY TRAFFIC 8076	(19) BYPASS DETOUR LENGTH 2	(65) METHOD USED TO DETERMINE INVENTORY RATING	1
(30) YEAR OF AVERAGE DAILY TRAFFIC 2014		(66) INVENTORY RATING	36
(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.) 35	(49) STRUCTURE LENGTH (ft.) 105	(67) STRUCTURAL EVALUATION	7
(50) CURB/SIDEWALK WIDTHS (ft.) LEFT 0 RIGHT 0		(68) DECK GEOMETRY	9
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.) 70.0		(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL	N
(52) DECK WIDTH, OUT-TO-OUT (ft.) 72.8		(71) WATERWAY ADEQUACY	9
(32) APPROACH ROADWAY WIDTH (ft.) 69.9		(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:	1
(47) TOTAL HORIZONTAL CLEARANCE (ft.) 71.2		36B) TRANSITIONS:	0
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.) 99.99		36C) APPROACH GUARDRAIL:	1
(54) VERTICAL UNDER CLEARANCE (ft.) N 0		36D) APPROACH GUARDRAIL ENDS:	1
(55) LATERAL UNDER CLEARANCE RIGHT (ft.) N 99.9		(113) SCOUR CRITICAL BRIDGES	5
(56) MIN LATERAL UNDER CLEARANCE (ft.) 0		SUFFICIENCY RATING	98.9 STATUS 0
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	02
(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 7123	(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	5
		(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: 06549

Inspection Date:

Facility Carried: US 67-17- LM 15.14

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.	7644	sq. ft.	5871	1330	443	0
1090 - Exposed Rebar		3				3	
1120 - Efflorescence/Rust Staining		440				440	
1130 - Cracking (RC and Other)		1330			1330		
215 - Reinforced Concrete Abutment	1- Ben.	160	ft.	14	146	0	0
6000 - Scour		146			146		
226 - Prestressed Concrete Pile	1- Ben.	20	each	20			
234 - Reinforced Concrete Pier Cap	1- Ben.	146	ft.	140	0	6	0
1080 - Delamination/Spall/Patched Area		6				6	
321 - Reinforced Concrete Approach Slab	1- Ben.	3942	sq. ft.	3234	0	708	0
1130 - Cracking (RC and Other)		708				708	
333 - Other Bridge Railing	1- Ben.	210	ft.	210			

Inspector:

Inspection Date:

Structure Number: 06549

Facility Carried: US 67-17- LM 15.14

Bridge Inspection Report

Pictures

PHOTO 1

Description

PHOTO 2

Description

Inspector:

Inspection Date:

Structure Number: 06549

Facility Carried: US 67-17- LM 15.14

Bridge Inspection Report

Pictures

PHOTO 2

Description

PHOTO 3

Description

Inspector:

Inspection Date:

Structure Number: 06549

Facility Carried: US 67-17- LM 15.14

Bridge Inspection Report

Pictures

PHOTO 4

Description

Inspector:

Inspection Date:

Structure Number: 06549

Facility Carried: US 67-17- LM 15.14

Bridge Inspection Report

Sketches

Inspector:

Structure Number: 06549

Inspection Date:

Facility Carried: US 67-17- LM 15.14

Bridge Inspection Report

Maintenance Needs

Date Reported: 8/11/2011 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Concrete Approach slabs
Several open unsealed cracks.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 7/30/2013 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Top of Slab has several longitudinal cracks.
Bottom of Slab has some spalled area with exposed rebar and cracks with efflorescence and stains.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Date Reported: 7/30/2013 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Top of Slab sawed joints are separating and loosing joint material allowing leakage onto caps.

Work Description:

Date Repairs Completed:

Maintenance Comments:
