

Bridge Inspection Report

02871
SH 77-02- LM 6.83
over
LITTLE RIVER



Inspection Date:

Inspected By:

Inspection Type(s):

Inspector:

Structure Number: 02871

Inspection Date:

Facility Carried: SH 77-02- LM 6.83

Bridge Inspection Report

National Bridge Inventory

IDENTIFICATION						INSPECTIONS			
(1) STATE CODE	056 - Arkansas					(90) INSPECTION DATE	10/01/2015		
(8) STRUCTURE NUMBER	02871					(91) DESIGNATED INSPECTION FREQUENCY	24		
(5) INV. ROUTE (ON/UNDER)	1	3	1	77	0	(92) CRITICAL FEATURE INSPECTION		(93) CFI DATE	
(2) HIGHWAY AGENCY	10	(3) COUNTY CODE	093			A. FRACTURE CRITICAL DETAIL	N		
(4) PLACE CODE	00000					B. UNDERWATER INSPECTION	N		
(6) FEATURES INTERSECTED	LITTLE RIVER					C. OTHER SPECIAL	Y	24	10/11/2016
(7) FACILITY CARRIED	SH 77-02- LM 6.83					CONDITION			
(9) LOCATION	1.2 MI N JCT OF SH 158					(58) DECK	5		
(11) MILEPOINT	6.830	(12) BASE HIGHWAY NETWORK	0			(59) SUPERSTRUCTURE	4	(60) SUBSTRUCTURE	5
(13A) LRS INVENTORY ROUTE	0000000000	(13B) SUBROUTE NUMBER	00			(61) CHANNEL & CHANNEL PROTECTION	6	(62) CULVERT	N
(16) LATITUDE	35.77683	(17) LONGITUDE	-90.17809			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	46.0		
(43) STRUCTURE TYPE, MAIN						(65) METHOD USED TO DETERMINE INVENTORY RATING	1		
A) KIND OF MATERIAL/DESIGN:	3 - Steel					(66) INVENTORY RATING	28.0		
B) TYPE OF DESIGN/CONSTR:	02 - Stringer/Multi-beam or Girder					(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	4		
(45) NUMBER OF SPANS IN MAIN	8	(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	9		
AGE OF SERVICE						(72) APPROACH ROADWAY ALIGNMENT	8		
(27) YEAR BUILT	1954	(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	1700	(19) BYPASS DETOUR LENGTH	13			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	7		
GEOMETRIC DATA						SUFFICIENCY RATING	1	STATUS	44.8
(48) LENGTH OF MAX SPAN (ft.)	40	(49) STRUCTURE LENGTH (ft.)	322			CLASSIFICATION			
(50) CURB/SIDEWALK WIDTHS (ft.)	LEFT 0	RIGHT 0				(112) NBIS BRIDGE LENGTH	Y		
(51) BRDG RDWY WIDTH CURB-TO-CURB (ft.)		24.0				(104) HIGHWAY SYSTEM OF THE INVENTORY ROUTE	0		
(52) DECK WIDTH, OUT-TO-OUT (ft.)		28.7				(26) FUNCTIONAL CLASSIFICATION OF INVENTORY ROUTE	07		
(32) APPROACH ROADWAY WIDTH (ft.)		27.9				(100) STRAHNET HIGHWAY DESIGNATION	0		
(33) BRIDGE MEDIAN	0	(34) SKEW (DEG.)	0			(101) PARALLEL STRUCTURE DESIGNATION	N		
(35) STRUCTURE FLARED	0	(10) INV RTE, MIN VERT CLEAR (ft.)	99.99			(102) DIRECTION OF TRAFFIC	2		
(47) TOTAL HORIZONTAL CLEARANCE (ft.)		25.3				(103) TEMP STRUCTURE			
(53) VERTICAL CLEARANCE OVER BRIDGE ROADWAY (ft.)		99.99				(105) FEDERAL LANDS HIGHWAYS	0		
(54) VERTICAL UNDER CLEARANCE (ft.)		N	0			(110) DESIGNATED NATIONAL NETWORK	0		
(55) LATERAL UNDER CLEARANCE RIGHT (ft.)		N	99.9			(20) TOLL	3		
(56) MIN LATERAL UNDER CLEARANCE (ft.)		0				(21) MAINTENANCE RESPONSIBILITY	01		
PROPOSED IMPROVEMENTS						(22) OWNER	01		
(75A) TYPE OF WORK PROPOSED	35	(75B) WORK DONE BY	1			(37) HISTORICAL	5		
(76) LENGTH OF STRUCTURE IMPROVEMENT (ft.)	322.0					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		415				(39) NAV VERT CLEARANCE (ft.)	0		
(97) YEAR OF IMPROVEMENT COST ESTIMATE		2003				(116) MIN NAVIGATION VERT CLEARANCE, VERT LIFT BRIDGE (ft.)	0		
(114) FUTURE ADT	2074	(115) YEAR OF FUTURE ADT	2028			(40) NAV HORIZONTAL CLEARANCE (ft.)	0		

Inspector:

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Element Inspection

	Environment	Total Quantity	Units	Condition State 1	Condition State 2	Condition State 3	Condition State 4
12 - Reinforced Concrete Deck	1- Ben.	9244	sq. ft.	6967	0	2277	0
	<p>All Concrete Curbs has some deterioration with section loss. Top of Concrete Deck asphalt overlay has several areas cracked or has map cracking. Top of Concrete Deck has several concrete and asphalt patches. Concrete Deck with Asphalt Overlay, Previous reported deck spalls have been repaired but several are cracked. Span 2 Top of Deck near centerline has a 2ft. x 2.5ft. patch failure, broken and loose. Span 4 South Bound right lane Asphalt is rutted 1 1/2in. deep in right wheel path, with impending spalls has been repaired with asphalt. Span 5 left Gutterline has 28ft. of deterioration with some section loss with no exposed rebar. Bottom of Deck has heavy cracking with efflorescence, and leakage, thru overhangs. See 2015 Photo of Span 4 for typical. Left and right Overhangs have several shelled out areas with rebar exposed, see Span 8 left overhang for typical. Right Overhang Span 1 at Bent 2 has a 3ft. X 1ft. X 4in. deep spall with exposed rebar, See 2011 Deficiency Photo and 2015 photo of side view.</p>						
1080 - Delamination/Spall/Patched Area		679				679	
1090 - Exposed Rebar		3				3	
1120 - Efflorescence/Rust Staining		1595				1595	
510 - Wearing Surfaces		7730	sq. ft.	6226	0	1504	0
3210 - Delamination/Spall/Patched Area/Pothole (Wearing Surfaces)		33				33	
3220 - Crack (Wearing Surface)		1471				1471	

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Element Inspection

	concrete haunch, see 2016 photo. Span 6 Girder 2 over Bent 7 has a 1in. X 1/2in. hole rusted thru web at concrete haunch, see 2015 photo. Span 6 Girder 4 over Bent 7 has a 4in. X 1 1/2in. hole rusted thru web at concrete haunch, see 2016 photo. Span 7 Girder 1 over Bent 7 has a 1in. diameter hole rusted thru web at concrete haunch, see 2015 photo. Span 8 Girder 1 over Bent 8 has a 4in x 1in. hole and 2 each 1in. diameter holes in web near concrete haunch, see 2016 photo. Span 8 Girder 2 over Bent 9 has a 1in x 1/2in. hole in web near concrete haunch, see 2016 photo. Span 8 Girder 3 over Bent 9 has a 5in x 3/4in. hole in web near concrete haunch, see 2015 photo. Span 8 Girder 4 over Bent 9 has a 4in x 3/4in. hole in web near concrete haunch, see 2016 photo.						
1000 - Corrosion		1445			420	1023	2
515 - Steel Protective Coating		12040	sq. ft.	0	1185	3029	7826
3440 - Effectiveness (Steel Protective Coatings)		12040			1185	3029	7826
215 - Reinforced Concrete Abutment	1- Ben.	66	ft.	46	0	20	0
	Bent 9 Slope Erosion has up to 1.5ft. erosion at abutment and up to 2ft. back under Cap, see 2015 photo.						
6000 - Scour		20				20	
227 - Reinforced Concrete Pile	1- Ben.	35	each	35			
234 - Reinforced Concrete Pier Cap	1- Ben.	173	ft.	127	21	25	0
	Bent 2 Concrete Cap has a 3ft. x 2ft. spall bottom of cap and heavy deterioration with some section loss to rebar, See 2015 Photo of bottom of cap. Bent 2 Cap has a 2.5ft. x 1.5ft. x 6in. deep spall and deterioration on Span 2 side under Girder 5 Bearing with 10% loss of bearing, see 2015 photo. Bent 2 Cap has a 1ft. x 8in. x 6in. spall under Span 2 side under girder 4 with 5% loss of bearing, see 2015 photo. Cap Bent 3 has some cracking and abrasion wear. Cap Bent 4 has some cracking and spalling with rebar exposed due to lack of steel coverage. Left end of Bent 5 Concrete Cap near Girder 1 Bearing has a 2ft. X 9in. X up to 3 1/2in. deep spall and beginning to lose some bearing, see 2015 Photo. Bottom of Bent 5 Cap near Pile 3 has a shelled out area with rebar exposed, see 2015 photo. Cap Bent 6 has 2ft. of the right end near Girder 5 is deteriorated with up to 2in. deep section loss to cap with some rebar exposed, see 2015 photo. Cap Bent 7 has some delamination, cracks and some efflorescence. 3ft. right end of Cap Bent 8 is deteriorated with rebar exposed, see 2015 photo.						
1080 - Delamination/Spall/Patched Area		13				13	
1090 - Exposed Rebar		10				10	
1120 - Efflorescence/Rust Staining		2				2	
1130 - Cracking (RC and Other)		21			21		
304 - Open Expansion Joint	1- Ben.	234	ft.	234			

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311 - Movable Bearing	1- Ben.	40	each	0	0	40	0
	Bearings are rust covered with section loss.						
1000 - Corrosion		40				40	
313 - Fixed Bearing	1- Ben.	40	each	0	0	40	0
	Bearings are rust covered with section loss. Bent 2 Cap has a 2.5ft. x 1.5ft. x 6in. deep spall and deterioration on Span 2 side under Girder 5 Bearing with 10% loss of bearing, see 2015 photo. Bent 2 Cap has a 1ft. x 8in. x 6in. spall under Span 2 side under girder 4 with 5% loss of bearing, see 2015 photo. (6ft. rebar, 6ft. of deterioration, 8ft. of cracks) Span 1 & 2 Girder 1 Bent 2 pack rust with section loss especially at web , see photo 2015 Span 2 Girder 2 Bent 3 is moving under traffic with a 1/8in. gap on the left end of bearing, see 2015 photo.						
1000 - Corrosion		40				40	
333 - Other Bridge Railing	1- Ben.	645	ft.	587	0	58	0
	Metal Bridge Rail has 50% paint deterioration and surface rust. Majority of Concrete Bridge Post are cracked, spalled with rebar exposed or deteriorated.						
1220 - Deterioration (Other)		58				58	

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Bridge Inspection Report

Pictures



Inspector:

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Inspection Date:

Facility Carried: SH 77-02- LM 6.83

Bridge Inspection Report

Maintenance Needs

Date Reported: 10/26/2011 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Steel Girders have 65 % paint deterioration and rust with pitting.

2 ft. on ends of Majority of Girders are rusted with up to 1/2in. loss of section.

Exterior Girders are rusted with up to 5/8in. section loss to web and flanges at drain openings, especially Spans 3,4 & 8, see Span 4 Girder 5 for typical.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description 02871 10-01-2015 Span 4 Girder 5.

Inspector:

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Inspection Date:

Facility Carried: SH 77-02- LM 6.83

Bridge Inspection Report

Maintenance Needs

Date Reported: 10/26/2011 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Span 1 Girder 2 over Bent 1 has 4in x 3/4in. hole in near concrete haunch and a 3/4in. x 2in. hole in the left flange near the bearing, see 2015 photo.

Span 1 Girder 3 over Bent 1 has 6 1/2in x 1in. hole in near concrete haunch, see 2015 photo.

Span 1 Girder 4 over Bent 1 has 7in x 3/4in. hole in near concrete haunch, see 2015 photo.

Span 1 Girder 5 over Bent 1 has 4in x 2 1/2in. hole in near concrete haunch, see 2016 photo.

Span 1 Girder 3 over Bent 2 has a 7in. X 1/2in. hole rusted thru web at concrete haunch, see 2015 photo.

Span 1 Girder 4 Bent 2 has a 6in. x 3/4in. hole in web at haunch, See2015 photo.

Span 1 Girder 5 Bent 2 has a 6in. x 6in. hole in web at haunch, See2015 photo.

Span 2 Girder 3 Bent 2 has a 5in. x 1/2in. hole in web at haunch, See2015 photo.

Span 2 Girder 2 Bent 3 is moving under traffic with a 1/8in. gap on the left end of bearing, see 2015 photo.

Span 2 Girder 4 Bent 3 has a 3 1/2in. x 1/2in. hole in web at haunch, see 2015 photo.

Span 3 Girder 3 Bent 4 has a 1 1/2in. x 3/4in. hole in web at haunch, see 2015 photo.

Span 3 Girder 5 Bent 4 has a 6in. x 2in. hole in web at haunch, see 2016 photo.

Span 4 Girder 3 over Bent 4 has 4in x 1/2in. hole in web near bottom flange 3in. from end of girder, see 2016 photo.

Span 4 Girder 5 has the bottom flange knife edge near Diaphragm connection bolts (outside edge under drains).

Span 4 Girder 2 Bent 5 has 4 1/2in. x 3/4in. hole in web at haunch, See 2015 photo.

Span 4 Girder 4 Bent 5 has 4in. x 1in. hole in web at haunch, see 2015 photo.

Span 4 Girder 5 Bent 5 has a 2in. x 1 1/2in. hole in web at haunch, see 2015 photo.

Span 5 Girder 1 Bent 5 has a 1 1/4in. diameter hole in web at haunch, see 2015 photo.

Span 5 Girder 2 Bent 5 has a 1/2in. diameter hole in web at haunch, see 2016 photo.

Span 5 Girder 2 Bent 6 has a 1/2in. diameter hole in web at haunch, see 2015 photo.

Span 5 Girder 3 Bent 6 has a 2in. x 1/2in. hole in web at haunch, see 2015 photo.

Span 6 Girder 3 over Bent 6 has a 6in. X 1in. hole rusted thru web at concrete haunch, see 2016 photo.

Span 6 Girder 2 over Bent 7 has a 1in. X 1/2in. hole rusted thru web at concrete haunch, see 2015 photo.

Span 6 Girder 4 over Bent 7 has a 4in. X 1 1/2in. hole rusted thru web at concrete haunch, see 2016 photo.

Span 7 Girder 1 over Bent 7 has a 1in. diameter hole rusted thru web at concrete haunch, see 2015 photo.

Span 8 Girder 1 over Bent 8 has a 4in x 1in. hole and 2 each 1in. diameter holes in web near concrete haunch, see 2016 photo.

Span 8 Girder 2 over Bent 9 has a 1in x 1/2in. hole in web near concrete haunch, see 2016 photo.

Span 8 Girder 3 over Bent 9 has a 5in x 3/4in. hole in web near concrete haunch, see 2015 photo.

Span 8 Girder 4 over Bent 9 has a 4in x 3/4in. hole in web near concrete haunch, see 2016 photo.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



Inspector:

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Bridge Inspection Report

Maintenance Needs



PHOTO 1 Description 02871 10-01-2015 Span 1 Girder 1 & Span 2 Girder 1 over Bent 2.

Stage: Monitor



PHOTO 2 Description

Stage: Monitor



PHOTO 3 Description

Stage: Monitor



PHOTO 4 Description

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Bridge Inspection Report

Maintenance Needs

Stage: Monitor



PHOTO 5 Description

Stage: Monitor



PHOTO 6 Description

Stage: Monitor



PHOTO 7 Description

Stage: Monitor



PHOTO 8 Description

Inspector:

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Bridge Inspection Report

Maintenance Needs

Stage: Monitor



PHOTO 9 Description

Stage: Monitor



PHOTO 10 Description

Stage: Monitor



PHOTO 11 Description 02871 10-01-2015 Span 1 Girder 2 over Bent 1 bottom flange.

Stage: Monitor



PHOTO 12 Description 02871 10-01-2015 Span 1 Girder 3 & Span 2 Girder 3 over Bent 2.

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Bridge Inspection Report

Maintenance Needs

Stage: Monitor



PHOTO 13 Description 02871 10-01-2015 Span 1 Girder 3 over bent 1.

Stage: Monitor



PHOTO 14 Description 02871 10-01-2015 Span 1 Girder 4 over bent 1.

Stage: Monitor



PHOTO 15 Description 02871 10-01-2015 Span 1 Girder 4 over Bent 2.

Stage: Monitor



PHOTO 16 Description 02871 10-01-2015 Span 1 Girder 5 over bent 1.

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Bridge Inspection Report

Maintenance Needs

Stage: Monitor



PHOTO 17 Description 02871 10-01-2015 Span 1 Girder 5 over Bent 2.

Stage: Monitor



PHOTO 19 Description 02871 10-01-2015 Span 3 Girder 3 over Bent 4.

Stage: Monitor



PHOTO 18 Description 02871 10-01-2015 Span 2 Girder 4 over Bent 3.

Stage: Monitor



PHOTO 20 Description 02871 10-01-2015 Span 3 Girder 5 over Bent 4.

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Maintenance Needs

Stage: Monitor



PHOTO 21 Description 02871 10-01-2015 Span 4 Girder 2 over Bent 5.

Stage: Monitor



PHOTO 22 Description 02871 10-01-2015 Span 4 Girder 4 over Bent 5.

Stage: Monitor



PHOTO 23 Description 02871 10-01-2015 Span 4 Girder 5 over Bent 5.

Stage: Monitor



PHOTO 24 Description 02871 10-01-2015 Span 5 Girder 1 over Bent 5.

Inspector:

Inspection Date:

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Bridge Inspection Report

Maintenance Needs

Stage: Monitor



PHOTO 25 Description 02871 10-01-2015 Span 5 Girder 2 over Bent 6.

Stage: Monitor



PHOTO 26 Description 02871 10-01-2015 Span 5 Girder 3 & Span 6 Girder 3 over Bent 6.

Stage: Monitor



PHOTO 27 Description 02871 10-01-2015 Span 6 Girder 2 over Bent 7.

Stage: Monitor



PHOTO 28 Description 02871 10-01-2015 Span 6 Girder 4 over Bent 7.

Inspector:

Inspection Date:

Structure Number: 02871

Facility Carried: SH 77-02- LM 6.83

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Maintenance Needs

Stage: Monitor



PHOTO 29 Description 02871 10-01-2015 Span 7 Girder 1 over Bent 7.

Stage: Monitor



PHOTO 30 Description 02871 10-01-2015 Span 8 Girder 1 over Bent 8.

Stage: Monitor



PHOTO 31 Description 02871 10-01-2015 Span 8 girder 3 over bent 9.

Stage: Monitor



PHOTO 32 Description 02871 10-01-2015 Span 8 girder 4 over bent 9.

Inspector:

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Facility Carried: SH 77-02- LM 6.83

Bridge Inspection Report

Maintenance Needs

Date Reported: 10/26/2011 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Bent 2 Concrete Cap has a 3ft. x 2ft. spall bottom of cap and heavy deterioration with some section loss to rebar, See 2015 Photo of bottom of cap.

Bent 2 Cap has a 2.5ft. x 1.5ft. x 6in. deep spall and deterioration on Span 2 side under Girder 5 Bearing with 10% loss of bearing, see 2015 photo.

Bent 2 Cap has a 1ft. x 8in. x 6in. spall under Span 2 side under girder 4 with 5% loss of bearing, see 2015 photo.

Cap Bent 3 has some cracking and abrasion wear.

Cap Bent 4 has some cracking and spalling with rebar exposed due to lack of steel coverage.

Left end of Bent 5 Concrete Cap near Girder 1 Bearing has a 2ft. X 9in. X up to 3 1/2in. deep spall and beginning to lose some bearing, see 2015 Photo.

Bottom of Bent 5 Cap near Pile 3 has a shelled out area with rebar exposed, see 2015 photo.

Cap Bent 6 has 2ft. of the right end near Girder 5 is deteriorated with up to 2in. deep section loss to cap with some rebar exposed, see 2015 photo.

Cap Bent 7 has some delamination, cracks and some efflorescence.

3ft. right end of Cap Bent 8 is deteriorated with rebar exposed, see 2015 photo.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description 02871 10-01-2015 Bent 2 Cap Span 2 Side Right End under Girders 4 & 5.

Stage: Monitor



PHOTO 2 Description 02871 10-01-2015 Bent 5 Cap Span 5 Side over Pile 3.

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Maintenance Needs

Stage: Monitor



PHOTO 3 Description 02871 10-01-2015 Bent 5 Cap Span 5 Side Under Bearing 1.

Stage: Monitor



PHOTO 5 Description 02871 10-01-2015 Right end Bent 8 Cap.

Stage: Monitor



PHOTO 4 Description 02871 10-01-2015 Bottom of Bent 2 Cap near Pile 3.

Stage: Monitor



PHOTO 6 Description 02871 10-01-2015 Right End of Bent 5 Cap.

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Maintenance Needs

Date Reported: 10/26/2011 12:00:00 AM

Priority: C - Important

Work Code:

Deficiency Description:

Top of Concrete Deck asphalt overlay has several areas cracked or has map cracking.

Top of Concrete Deck has several concrete and asphalt patches.

Concrete Deck with Asphalt Overlay, Previous reported deck spalls have been repaired but several are cracked.

Span 2 Top of Deck near centerline has a 2ft. x 2.5ft. patch failure, broken and loose.

Span 4 South Bound right lane Asphalt is rutted 1 1/2in. deep in right wheel path, with impending spalls has been repaired with asphalt.

Span 5 left Gutterline has 28ft. of deterioration with some section loss with no exposed rebar.

Bottom of Deck has heavy cracking with efflorescence, and leakage, thru overhangs. See 2015 Photo of Span 4 for typical.

Left and right Overhangs have several shelled out areas with rebar exposed, see Span 8 left overhang for typical.

Right Overhang Span 1 at Bent 2 has a 3ft. X 1ft. X 4in. deep spall with exposed rebar, See 2011 Deficiency Photo and 2015 photo of side view.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description 02871 10-01-2015 Bent 4 joint.

Stage: Monitor



PHOTO 2 Description 02871 10-01-2015 Span 1 Right gutterline

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Stage: Monitor



PHOTO 3 Description 02871 10-01-2015 Span 2 centerline repair.

Stage: Monitor



PHOTO 4 Description 02871 10-01-2015 Span 3 Right lane repair.

Stage: Monitor



PHOTO 5 Description 02871 10-01-2015 Span 5 Right gutterline.

Stage: Monitor



PHOTO 6 Description 02871 10-01-2015 Span 8 left overhang.

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Maintenance Needs

Date Reported: 10/26/2011 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Metal Bridge Rail has 50% paint deterioration and surface rust.

Majority of Concrete Bridge Post are cracked, spalled with rebar exposed or deteriorated.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Inspector:

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Date Reported: 11/5/2013 12:00:00 AM

Priority: D - Routine

Work Code:

Deficiency Description:

Bearings are rust covered with section loss.

Span 1 & 2 Girder 1 Bent 2 pack rust with section loss especially at web , see photo 2015

Span 2 Girder 2 Bent 3 is moving under traffic with a 1/8in. gap on the left end of bearing, see 2015 photo.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Monitor



PHOTO 1 Description 02871 10-01-2015 Span 2 Girder 2 over Bent 3 Movement under traffic.

Stage: Monitor



PHOTO 2 Description 02871 10-01-2015 Span 1 Girder 1 & Span 2 Girder 1 over Bent 2.

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Date Reported: 10/01/2015

Priority: D - Routine

Work Code:

Deficiency Description:

All Concrete Curbs has some deterioration with section loss.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description 02871 10-01-2015 Span 2 Left Curb.

Stage: Open



PHOTO 2 Description 02871 10-01-2015 Span 5 Right gutterline.

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Priority: D - Routine

Work Code:

Deficiency Description:

Bent 9 Slope Erosion has up to 1.5ft. erosion at abutment and up to 2ft. back under Cap, see 2015 photo.

Work Description:

Date Repairs Completed:

Maintenance Comments:

Stage: Open



PHOTO 1 Description 02871 10-01-2015 Bent 9 left end of abutment erosion.

Stage: Open



PHOTO 2 Description 02871 10-01-2015 Bent 9 right end of abutment erosion.

Inspector:

Structure Number: 02871

Inspection Date:

Facility Carried: SH 77-02- LM 6.83

Bridge Inspection Report

Maintenance Needs

Date Reported: 10/11/2016

Priority: B - Pressing; 6 month completion goal

Work Code:

Deficiency Description:

Span 1 Girder 1 over Bent 2 has several holes in web up to 1in. in diameter and the girder is beginning to crush near the bottom flange, see 2016 photo.

Work Description:

Date Repairs Completed:

Maintenance Comments:

forward to bridge crew - they have been evaluating caps and beams to schedule repairs

Stage: Open



PHOTO 1 Description