

ATTENTION: SNOOPER USED, NEW REPAIRS, NEW LMC OVERLAY, PAR SUBMITTED, CHANGE TO STRUCTURE DATA, NEWLY STRUCTURALLY DEFICIENT, CHANGE IN NBI RATING FOR ITEMS 60 AND 61.

Structure Safety Report

Routine Element Inspection - Contract

INSPECTION DATE: 06/26/2019

DIVISION: 4	COUNTY:	JOHNSTON	s	STRUCT	URE NUMBER:	500101	FREQ	UENCY:	24 MONT	THS
FACILITY CARRIED	: <u>195 SBL</u>						MILE POST:	91.5		
LOCATION: 1.8 MI	N. JCT 301	/US								
FEATURE INTERSE	CTED: NE	JSE RIVER								
LATITUDE: 35° 28	3' 39.74"		LONGI	TUDE:	78° 22' 4.59"					
SUPERSTRUCTURE	E: RC FLC	OOR/I-BEAMS								
SUBSTRUCTURE:	EBT:RC CA	.P/STL.PILES;I	BTS:RC CAP/I	ENCAS	SED STL.PILES	3				
SPANS: 8 SPAN	S. SEE SP.	AN PROFILE S	HEET FOR SE	PAN DE	ETAILS					
☐FRACTURE CR	ITICAL	TEMPORA	RY SHORING		SCOUR CRITIC	CAL		PLAN OF	ACTION	
NBI GRADES:	DECK	5 SUPER	STRUCTURE	6	SUBSTRUCTU	JRE 4	CULVERT	<u>N</u>		
POSTED SV: Not	Posted				POSTED TTS	T: Not Pos	ted			
OTHER SIGNS PRE	SENT: (1)	DELINEATOR	, (1) NEUSE R	IVER S	SIGN					
				12/2		s file	Sign noticed issued for			Number Required
							NO	WEIGI	HT LIMIT	0
	12.14				le El William		NO	DELIN	EATORS	0
	BEN.						NO	NARROV	V BRIDGE	0
			THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUM	16			NO	ONE LAN	IE BRIDGE	0
					من المالية		NO	LOW CLI	EARANCE	0
								TION OF	S-N	
								CTION S PLANS	NO I	PLANS
LOOKING NORTH					Managara Para Para Para Para Para Para Para	rould Side Settle				
INSPECTED BY RAGHUVEER SURA	PANENI	SIGN	NATURE	Į	2. Surparant		ASSISTED BY	ANGELI	CA PILARSI	KI

IDENTIFICATION						
(1) STATE NAME NORTH CAROLINA BRIDGE (8) STRUCTURE NUMBER (FEDERAL)		500101 1010101	SUFFICIENCY RATING STATUS =		Structurall	38.000000 y Deficient
(5) INVENTORY ROUTE (ON/UNDER) ON	1	11000950		CLASSIFICATION		CODE
(2) STATE HIGHWAY DEPARTMENT DISTRICT		4	(112) NBIS BRIDGE SYSTEM	02/100// 10// 10//		YES
(3) COUNTY CODE (FEDERAL) 101 (4) PLACE CODE		62520	(104) HIGHWAY SYSTEM	Inventory Ro	oute is on NHS	1
(6) FEATURE INTERSECTED NEUSE RIVER			(26) FUNCTIONAL CLASS	Urban Principal Arte		11
(7) FACILITY CARRIED I95 SBL (9) LOCATION 1.8 MI N. JCT 301/US			(100) STRAHNET HIGHWAY	·	AHNET Route	1
(11) MILEPOINT		91.5	(101) PARALLEL STRUCTURE	The left structure of p		L
(12) BASE HIGHWAY NETWORK		1	(102) DIRECTION OF TRAFFIC	The left structure of p	_	1
(13) LRS INVENTORY ROUTE & SUBROUTE		10095	,		1-way traffic	'
(16) LATITUDE 35° 28' 39.74" (17) LONGITUDE		22' 4.59"	(103) TEMPORARY STRUCTUR			_
(98) BORDER BRIDGE STATE CODE PERCENT SH	HARED		(110) DESIGNATED NATIONAL	NETWORK - on national netv		1
(99) BORDER BRIDGE STRUCTURE NUMBER			(20) TOLL		On Free Road	3
			(21) MAINT -			01
(43) STRUCTURE TYPE MAIN		Steel	(22) OWNER -			01
TYPE Stringer/Multi-beam or girder	CODE	302	(37) HISTORICAL SIGNIFICANO	CE -		5
(44) STRUCTURE TYPE APPROACH				CONDITION		CODE
TYPE	CODE		(58) DECK			5
(45) NUMBER OF SPANS IN MAIN UNIT		8	(59) SUPERSTRUCTURE			6
(46) NUMBER OF SPANS IN APPROACH		0	(60) SUBSTRUCTURE			4
(107) DECK STRUCTURE TYPE	CODE	1	(61) CHANNEL & CHANNEL PR	OTECTION		4
(108)WEARING SURFACE/PROTECTIVE SYSTEM			(62) CULVERTS			N
(A) TYPE OF WEARING SURFACE	CODE	6	LOAD	RATING AND POSTING		CODE
(B) TYPE OF MEMBRANE	CODE	0	(31) DESIGN LOAD		H 20 + Mod	6
(C) TYPE OF DECK PROTECTION	CODE	0	(63) OPERATING RATING MET	HOD -	Load Factor	1
AGE AND SERVICE			(64) OPERATING RATING -		HS-41	77
(27) YEAR BUILT		1955	(65) INVENTORY RATING MET	HOD -		1
(106) YEAR RECONSTRUCTED		0.000000	(66) INVENTORY RATING		HS-24	46
(42) TYPE OF SERVICE ON -		Highway	(70) BRIDGE POSTING	No Pos	sting Required	5
OFF - Waterway	CODE	15	(41) STRUCTURE OPEN, POST		oting resquired	A
(28) LANES ON STRUCTURE 2 LANES UNDER STRUC		0	DESCRIPTION		no restriction	
(29) AVERAGE DAILY TRAFFIC	OTOILE	22750	DESCRIPTION	•	no restriction	0005
(30) YEAR OF ADT 2018 (109) TRUCK ADT PCT	г	16	(67) STRUCTURAL EVALUATION	APPRAISAL ——		CODE
(19) BYPASS OR DETOUR LENGTH		4.0	(68) DECK GEOMETRY			7
GEOMETRIC DATA		4.0	. ,	DT 0 110D17		
(48) LENGTH OF MAXIMUM SPAN		49.0	(69) UNDERCLEARANCES, VE	KT & HORIZ		N
(49) STRUCTURE LENGTH		401.0	(71) WATERWAY ADEQUACY			4
(50) CURB OR SIDEWALK: LEFT 0.0 RIGHT		0.0	(72) APPROACH ROADWAY AL			3
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB		28.2	(36) TRAFFIC SAFETY FEATUR	RES		1111
(52) DECK WIDTH OUT TO OUT		35.3	(113) SCOUR CRITICAL BRIDG	ES		8
(32) APPROACH ROADWAY WITH (W/ SHOULDERS)	CODE	28.0		OSED IMPROVEMENTS		
(33) BRIDGE MEDIAN Open median C (34) SKEW 30 (35) STRUCTURE FLARED	JODE	1 0	(75) TYPE OF WORK		COD	ÞΕ
(10) INVENTORY ROUTE MIN VERT CLEAR		999.9	(76) LENGTH OF STRUCTURE	IMPROVEMENT		
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR		28.2	(94) BRIDGE IMPROVEMENT C	OST		
(53) MIN VERT CLEAR OVER BRIDGE RDWY		999.9	(95) ROADWAY IMPROVEMEN	T COST		
(54) MIN VERT UNDERCLEAR: REFERENCE		0.0	(96) TOTAL PROJECT COST			
(55) MIN LAT UNDERCLEARANCE RT: REFERENCE (56) MIN LAT UNDERCLEARANCE LT:	N	0.0 0.0	(97) YEAR OF IMPROVEMENT	COST ESTIMATE		
· <i>'</i>		0.0	(114) FUTURE ADT	45,500 YEAR OF FUTUE	RE ADT	2040
MAVIGATION DATA (38) NAVIGATION CONTROL -	CODE	0	(90) INSPECTION DATE	INSPECTION	FREQUENCY	24
	CODE	U	(92) CRITICAL FEATURE INSPI		(93) CFI DA	
(111) PIER PROTECTION	CODE		. ,		, ,	
(39) NAVIGATION VERTICAL CLEARANCE		0.0	A) FRACTURE CRIT DETA			0011-
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR		0.0	B) UNDERWATER INSP	24 B)		09/17
		0.0	C) OTHER SPECIAL INSP	0 C		

Superstructure Build Details

Span Number $\underline{1}$

Span Length <u>50.2500</u>

Skew 120.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	1416	Square Feet		
8	Other Bearing	Other Bearings	8	Each	Unknow	16
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknow	1836
1	Strip SEal	Strip Seal Expansion Joint	28	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1587	Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	102	Feet	Unknow	102

Span Number 2

Span Length <u>50.0000</u>

Skew 120.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
8	Other Bearing	Other Bearings	8	Each	Unknow	16
2	Concrete and Metal Railing	Other Bridge Railing	100	Feet	Unknow	100
1	Asphalt Wearing Surface	Wearing Surface	1409	Square Feet		
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknow	1836
1	Standard Joint	Pourable Joint Seal	28	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1579	Square Feet		

Span Number 3

Span Length <u>50.0000</u>

Skew 120.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
8	Other Bearing	Other Bearings	8	Each	Unknow	16
1	Asphalt Wearing Surface	Wearing Surface	1409	Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	100	Feet	Unknow	100
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknow	1836
1	Standard Joint	Pourable Joint Seal	28	Feet		

Superstructure Build Details

|--|

 Span Number 4
 Span Length
 50.0000
 Skew
 120.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)	
8	Other Bearing	Other Bearings	8	Each	Unknow	16	
2	Concrete and Metal Railing	Other Bridge Railing	100	Feet	Unknow	100	
1	Asphalt Wearing Surface	Wearing Surface	1408	Square Feet			
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknow	1836	
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1579	Square Feet			
1	Standard Joint	Pourable Joint Seal	28	Feet			

 Span Number <u>5</u>
 Span Length <u>50.0000</u>
 Skew 120.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Standard Joint	Pourable Joint Seal	28 Feet		
1	Asphalt Wearing Surface	Wearing Surface	1408 Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	100 Feet	Unknow	100
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1579 Square Feet		
8	Other Bearing	Other Bearings	8 Each	Unknow	16
4	Plate Girder	Steel Open Girder/Beam	200 Feet	Unknow	1836

 Span Number 6
 Span Length
 50.0000
 Skew
 120.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	1408	Square Feet		
1	Standard Joint	Pourable Joint Seal	28	Feet		
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknow	1836
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1579	Square Feet		

Superstructure Build Details

8	Other Bearing	Other Bearings	8	Each	Unknow	16
2	Concrete and Metal Railing	Other Bridge Railing	100	Feet	Unknow	100

 Span Number 7
 Span Length
 50.0000
 Skew
 120.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	1408	Square Feet		
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknow	1836
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1579	Square Feet		
8	Other Bearing	Other Bearings	8	Each	Unknow	16
1	Standard Joint	Pourable Joint Seal	28	Feet		
2	Concrete and Metal Railing	Other Bridge Railing	100	Feet	Unknow	100

 Span Number 8
 Span Length
 50.2500
 Skew
 120.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	1416 5	Square Feet		
2	Standard Joint	Pourable Joint Seal	56 F	Feet		
8	Other Bearing	Other Bearings	8 E	Each	Unknow	16
4	Plate Girder	Steel Open Girder/Beam	200 F	Feet	Unknow	1836
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1587 S	Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	102 F	Feet	Unknow	102

Structure Element Scoring

Structure Number: 500101 Inspection Date 6/26/2019

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	О	Reinforced Concrete Deck	Deck	12627	9590	3008	29	0
107	0	Steel Open Girder/Beam	Beam	1600	1592	0	8	0
515	107	Steel Protective Coating	Beam	14688	14688	0	0	0
215	0	Reinforced Concrete Abutment	Abutments	66	33	33	0	0
229	0	Other Pile	Piles and Columns	49	17	12	5	15
234	0	Reinforced Concrete Pier Cap	Caps	290	287	2	1	0
301	0	Pourable Joint Seal	Expansion Joints	224	224	0	0	0
316	0	Other Bearings	Bearing Device	64	0	62	2	0
515	316	Steel Protective Coating	Bearing Device	128	128	0	0	0
321	0	Reinforced Concrete Approach Slabs	Approaches	312	312	0	0	0
333	0	Other Bridge Railing	Bridge Rail	804	718	51	35	0
515	333	Steel Protective Coating	Bridge Rail	804	804	0	0	0
510	0	Wearing Surface	Wearing Surfaces	11282	11282	0	0	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: <u>500101</u> Inspection Date: <u>06/26/2019</u>

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Delamination/Spall	25 Square Feet
3326	Reinforced Concrete Deck	Exposed Rebar	23 Square Feet
3326	Reinforced Concrete Deck	Cracking (RC and Other)	2667 Square Feet
3314	Steel Open Girder/Beam	Corrosion	8 Feet
3348	Other Pile	Delamination/Spall	4 Each
3348	Other Pile	Damage	2 Each
3348	Other Pile	Deterioration (Other)	1 Each
3348	Other Pile	Scour	70 Each
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	1 Feet
3334	Other Bearings	Corrosion	2 Each
3318	Other Bridge Railing	Connection	5 Feet
3318	Other Bridge Railing	Delamination/Spall	11 Feet
3318	Other Bridge Railing	Damage	20 Feet

Element Structure Maintenance Quantities

Structure Number: 500101 Inspection Date 06/26/2019

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	0	66	0	0	33	33
Approaches	3353	Maintenance of Concrete Bridge Approach Slabs	0	312	О	О	О	312
Beam	3314	Maintenance Steel Superstructure Components	8	1600	0	8	0	1592
Beam	3342	Clean and Paint Steel	0	14688	О	О	О	14688
Bearing Device	3334	Bridge Bearing	2	64	0	2	62	0
Bearing Device	3342	Clean and Paint Steel	0	128	0	0	0	128
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	36	804	0	35	51	718
Bridge Rail	3342	Clean and Paint Steel	0	804	0	0	0	804
Caps	3348	Maintenance of Concrete Substructure	1	290	0	1	2	287
Deck	3326	Maintenance of Concrete Deck	2715	12627	0	29	3008	9590
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	224	0	0	0	224
Piles and Columns	3348	Maintenance of Concrete Substructure	77	49	15	5	12	17
Wearing Surfaces	2816	Asphalt Surface Repair	0	11282	0	0	0	11282

Priority Actions Request

Structure Number 500101

Corrosion

Span2

3314 Beam 1 Plate Girder

Priority Level **Defect Type** Quantity **Defect Description**

> Span 2 Beam 1: 10 IN LONG X 5 IN WIDE AREA OF SECTION LOSS BENEATH THE PAINTED SURFACE ABOVE THE BEARING AT BENT 2. 0.60 IN SECTION REMAINING (PAR).

Bent 3

2

3348 Pile 7 Other Pile **Priority** Level **Defect Type** Quantity **Defect Description** 2 Bent 3 Pile 7: 4 FT HIGH X 4 IN WIDE SPALL WITH EXPOSED REINFORCEMENT Delamination/Spall

IN EAST FACE. 90% SECTION REMAINING IN EXPOSED REINFORCEMENT (PAR).





Element Condition and Maintenance Data

Structure Number: 500101 Inspection Date: 06/26/2019

	Number. <u>500101</u>						JP 00 (10.1. 2	ate. <u>00/20/201</u>
Spa	n 1	Deck						
Reir	nforced Concrete	Deck						
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	1,587	1,100	480	7	0 S	quare Feet
lemen umbei	Dofoot Tymo	Defect Desc	ription		cs	CS Qty	Maint Qty	
12	Delamination/Spall	(2) 12 IN DIAMETER DELAMINATI WEST OVERHANG, AT DRAIN 7.	ONS, UNDERSIDE	OF	3	2	2	Square Feet
2	Delamination/Spall	(2) 6 IN DIAMETER X 3/4 IN DEEP BAY 1 END DIAPHRAGM, AT BEN		SIDE OF	3	1	1	Square Feet
12	Delamination/Spall	12 IN DIAMETER AREA OF UNSO 4 IN LEFT OVERHANG.	UND CONCRETE	AT DRAIN	3	1	1	Square Feet
12	Delamination/Spall	5 IN DIAMETER X UP TO 1/2 IN D AT MID SPAN.	EEP SPALL IN WE	ST FACE	3	1	1	Square Feet
2	Exposed Rebar	UP TO 1 FT WIDE X 9 IN LONG X WITH EXPOSED REINFORCEMEI LOCATED AT THIRD DRAIN PIPE REMAINING IN EXPOSED REINFO	NT IN RIGHT OVER . 80% SECTION	_	3	1	1	Square Feet
2	Exposed Rebar	UP TO 6 IN DIAMETER X UP TO 1 EXPOSED REINFORCEMENT AT LEFT OVERHANG. UP TO 90% SE EXPOSED REINFORCEMENT.	THIRD DRAIN PIP	E IN	3	1	1	Square Feet
2	Cracking (RC and Other)	2 FT HIGH X UP TO 0.03 IN WIDE DIAPHRAGM ABOVE BENT 1 CAF		K IN	2	1	1	Square Feet
2	Cracking (RC and Other)	EIGHT (8) UP TO 0.03 IN WIDE X TRANSVERSE CRACKS IN RIGHT			2	20	20	Square Feet
12	Cracking (RC and Other)	UP TO 0.02 IN WIDE RANDOM CF UNDERSIDE IN ALL BAYS, SCAT		-	2	450	450	Square Feet
2	Patched Areas	4 FT LONG X 8 IN HIGH SOUND C 2 END DIAPHRAGM, AT BENT 1.	CONCRETE PATC	H IN BAY	2	4		Square Feet
12	Patched Areas	5 FT WIDE X 1 FT HIGH SOUND (3 END DIAPHRAGM, AT BENT 1. HAIRLINE X 1 FT LONG CRACK II CORNER.	PATCH EXHIBITS	A	2	5		Square Feet

General Comments

Span 1		Beam 1						
Plate Gi	rder							
Element Number	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement umber	Defect Type	Defect Description	l		cs	CS Qty	Maint Qty	

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

20% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	
515	Steel Protective Coating		459	459	0	0	0	Square Feet
107	Steel Open Girder/Beam		50	50	0	0	•	Feet
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gi	rder							
Span 1		Beam 2						

General Comments

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 1		Beam 3						
Plate Gi	rder							
Element Number	Element Name	•	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

 2° OF RUST SCALE ALONG BOTTOM FLANGE, AT BENT 1. - - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

10% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 1	Bean	n 4					
Plate Girder							
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	50	49	0	1	0	Feet
515	Steel Protective Coating	459	459	0	0	0	Square Feet
Element Number Defect	Type Defe	ect Description		cs	CS Qty	Maint Qty	
107 Corrosion	CORROSION BENEATH T	REA OF HEAVY SURFACE 'HE PAINTED SURFACES I FT FLANGE ABOVE BEARI	IN	3	1		1 Feet

General Comments

3' OF RUST SCALE ALONG BOTTOM FLANGE, AT BENT 1. - - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

30% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Spa	ın 1	Left Bridge	Rail					
Cor	ncrete and Metal	Railing						
Nur	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Foot
333	Other	Bridge Railing	51	31	15	5	0	Feet
515	Steel	Protective Coating	51	51	0	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
333	Connection	6 IN DIAMETER X 1 IN DEEP SPA ANCHOR BOLT CONNECTION TO GUARDRAIL AT ISOLATED LOCA	O SUPPLEMENTAL	FACE AT	3	5		5 Feet
333	Patched Area	15 FT LONG AREA OF SOUND CONCRETE RAIL, BEGINNING A PREVIOUS REPAIR.			2	15		Feet
	General Comments							

Spa	ın 1	Right Bridge	e Rail					
Cor	ncrete and Metal I	Railing						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other E	Bridge Railing	51	26	20	5	0	Feet
515	Steel P	rotective Coating	51	51	0	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
333	Delamination/Spall	6 IN DIAMETER X 1 IN DEEP SPAL ANCHOR BOLT CONNECTION TO GUARDRAIL AT ISOLATED LOCAT	SUPPLEMENTAL	FACE AT	3	5		5 Feet
333	Patched Area	20 FT LONG OF SOUND CONCRE' CONCRETE RAIL, BEGINNING AT		ENT 1.	2	20		Feet

Span 1		Near Bear	ring					
Other	Bearing							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINTS INSPECTION. SECTION LOSS F PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PI	REMAINS BENEATH T 0% SECTION REMAIN	THE	2	1		Each
Ger	neral Comments							

Span 1		Far Bearin	g					
Other Bearin	ng							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number Defe	ct Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
316 Corrosion		BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS R PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PL	EMAINS BENEATH 7 % SECTION REMAIN	ГНЕ	2	1		Each

General Comments

Span 1		Near Bear	ring					
Other Bearing	g							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number Defec	t Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Corrosion		BEARINGS HAVE BEEN PAINT INSPECTION. SECTION LOSS F PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PL	REMAINS BENEATH TO SECTION REMAIN	ГНЕ	2	1		Each

General Comments

Far Bearing	9					
Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Other Bearings	1	0	1	0	0	Each
Steel Protective Coating	2	2	0	0	0	Square Feet
ype Defect Desc	ription		cs	CS Qty	Maint Qty	
INSPECTION. SECTION LOSS RE PAINTED SURFACES. UP TO 859	MAINS BENEATH 7 6 SECTION REMAIN	ГНЕ	2	1		Each
	Element Name Other Bearings Steel Protective Coating ype Defect Desc BEARINGS HAVE BEEN PAINTED INSPECTION. SECTION LOSS RE PAINTED SURFACES. UP TO 859	Element Name Qty Other Bearings 1 Steel Protective Coating 2 ype Defect Description BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH PAINTED SURFACES. UP TO 85% SECTION REMAIN	Element Name CS1 Qty Qty Other Bearings 1 0 Steel Protective Coating 2 2 ype Defect Description BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 85% SECTION REMAINING IN	Element Name CS1 CS2 Qty Qty Qty Other Bearings 1 0 1 Steel Protective Coating 2 2 0 Prope Defect Description CS BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 85% SECTION REMAINING IN	Element Name	Element Name Total CS1 CS2 CS3 CS4 Qty Qty Qty Qty Qty Qty Qty Other Bearings 1 0 1 0 0 Steel Protective Coating 2 2 0 0 0 Defect Description EARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 85% SECTION REMAINING IN

Span	1	Near Bearir	ng					
Othe	r Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Oth	ner Bearings	1	0	1	0	0	Each
515	Ste	eel Protective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Typ	e Defect Descr	ription		cs	CS Qty	Maint Qty	
316 (Corrosion	BEARINGS HAVE BEEN PAINTED INSPECTION. SECTION LOSS RE PAINTED SURFACES. UP TO 90%	MAINS BENEATH T	HE	2	1		Each

BOTH MASONRY AND SOLE PLATES.

General Comments

Span 1		Far Bearii	ng					
Other I	Bearing							
Elemen Numbe	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS F PAINTED SURFACES. UP TO 8: BOTH MASONRY AND SOLE PL	REMAINS BENEATH 7 5% SECTION REMAIN	ГНЕ	2	1	·	Each
Ger	neral Comments							

Span 1		Near Bea	ring					
Other Bear	ring							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number De	efect Type	Defect De	scription		CS	CS Qty	Maint Qty	
316 Corrosid	on	BEARINGS HAVE BEEN PAINT INSPECTION. SECTION LOSS PAINTED SURFACES. UP TO 9 BOTH MASONRY AND SOLE P	REMAINS BENEATH 1 00% SECTION REMAIN	ГНЕ	2	1		Each

Spa	an 1		Far Beari	ing					
Oth	er Bearing								
	ment mber	Ele	ment Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Bearings		1	0	0	1	0 1	Each
515		Steel Protective 0	Coating	2	2	0	0	0 \$	Square Feet
Eleme	Dofoct	Туре	Defect De	escription		cs	CS Qty	Maint Qty	
316	Corrosion		ON LOSS IN THE RIGHT ON REMAINING.	ANCHOR BOLT. UP T	ΓΟ 75%	3	1	1	Each
316	Corrosion		NGS HAVE BEEN PAINT	ED SINCE PREVIOUS		2			Each

Spa	ın 2	Deck						
Rei	nforced Concrete	Deck						
	ment mber Reinford	Element Name ced Concrete Deck	Total Qty 1,579	CS1 Qty 1,198	CS2 Qty 368	CS3 Qty 13	CS4 Qty 0 S	quare Feet
Elemer	Dofoot Typo	Defect Description			cs	CS Qty	Maint Qty	
12	Delamination/Spall	TWO (2) AREAS OF UNSOUND CONCRET LONG X 1 FT HIGH WITH SPALLING UP TO X UP TO 1 IN DEEP IN INTERMEDIATE DIA 1 AT BENT 1.	O 5 IN DIA	METER	3	4	-	Square Feet
12	Delamination/Spall	UP TO 1.5 FT WIDE X 4 IN LONG X UP TO IN DIAPHRAGM IN BAY 3 AT BENT 1.	2 IN DEE	P SPALL	3	2	2	Square Feet
12	Exposed Rebar	(3) 6 IN DIAMETER X 1/2 IN DEEP SPALLS REINFORCING, UNDERSIDE OF BAY 1 EN AT BENT 2. 90% SECTION REMAINING IN REINFORCING.	ID DIAPH	RAGM,	3	3	3	Square Feet
12	Exposed Rebar	5 IN DIAMETER X 1 IN DEEP SPALL WITH REINFORCEMENT IN DIAPHRAGM IN BAY SECTION REMAINING IN EXPOSED REINI	′ 3 AT BEI	NT 1. 90%	3	1	1	Square Feet
12	Exposed Rebar	THREE (3) 6 IN DIAMETER X 3/4 IN DEEP EXPOSED REINFORCING, UNDERSIDE O DIAPHRAGM, AT BENT 2. 90% SECTION FEXPOSED REINFORCEMENT.	F BAY 1 E	ND	3	3	3	Square Feet
12	Cracking (RC and Other)	9 FT LONG X 1 FT HIGH CONCRETE PATO DIAPHRAGM, AT BENT 2. PATCH EXHIBIT WIDE X 5 FT LONG CRACK IN THE BOTTO FT LONG X 5 IN WIDE UNSOUND CONCR 0.02 IN WIDE VERTICAL CRACKS IN FROM SCATTERED.	S UP TO OM FACE ETE AND	1/8 IN WITH A 5	2	9	9	Square Feet
12	Cracking (RC and Other)	EIGHT (8) UP TO 0.03 IN WIDE X UP TO 3 TRANSVERSE CRACKS IN LEFT OVERHA SIMILAR CRACKS IN RIGHT OVERHANG.		(6)	2	75	75	Square Feet
12	Cracking (RC and Other)	UP TO 0.02 IN WIDE RANDOM CRACKING UNDERSIDE IN ALL BAYS, SCATTERED T			2	250	250	Square Feet
12	Delamination/Spall	FIVE (5) UP TO 6 FT IN DIAMETER AREA (CONCRETE IN UNDERSIDE OF WEST OV SCATTERED.			2	5	5	Square Feet
12	Patched Areas	40 IN WIDE X 1 FT HIGH SOUND CONCRE 1 END DIAPHRAGM, AT BENT 1.	TE PATC	H IN BAY	2	4		Square Feet
12	Patched Areas	80 IN LONG X 1 FT HIGH SOUND CONCRE 3 END DIAPHRAGM, AT BENT 2.	ETE PATO	CH IN BAY	2	7		Square Feet
12	Patched Areas	80 IN WIDE X 1 FT HIGH SOUND CONCRE 3 END DIAPHRAGM, AT BENT 2.	TE PATC	H IN BAY	2	7		Square Feet
12	Patched Areas	82 IN WIDE X 1 FT HIGH SOUND CONCRE BAY 2 END DIAPHRAGM, AT BENT 1.	TE PATC	H AREA,	2	7		Square Feet
12	Patched Areas	NEW REPAIR 3 FT WIDE X 1 FT HIGH SOU PATCH IN OVERHANG IN EAST FACE AT WIDE X 2 FT HIGH SOUND CONCRETE PA DIAPHRAGM OUTSIDE OF BEAM 4 AT BE	BENT 2 A ATCH IN		2	3		Square Feet
12	Patched Areas	NEW REPAIR: 1 FT DIAMETER SOUND CO IN DIAPHRAGM OUTSIDE OF BEAM 1 AT I		PATCH	2	1		Square Feet
	General Comments							

Span 2		Beam 1					
Plate Gi	rder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel C	pen Girder/Beam	50	49	0	1	0 Feet
515	Steel P	rotective Coating	459	459	0	0	0 Square Fe
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty
107 Corr	rosion	10 IN LONG X 5 IN WIDE AREA	OF SECTION LOSS		3	1	1 Feet

BENEATH THE PAINTED SURFACE ABOVE THE BEARING AT BENT 2. 0.60 IN SECTION REMAINING (PAR).

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

15% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 2		Beam 2						
Plate Gi	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

15% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 2		Beam 3						
Plate Gir Element Number	rder Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	•	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

10% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 2		Beam 4						
Plate Gi	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

20% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

1' OF RUST SCALE ALONG BOTTOM FLANGE, AT BENT 1. -- NOT OBSERVED, NEW PAINT SINCE PREVIOUS

INSPECTION

8" X 12" X 6" DELAMINATION, END DIAPHRAGM OUTSIDE BEAM 4, AT BENT 2 - NOT OBSERVED

Span 2		Near Bear	ring					
Other E	Bearing							
Elemen Number	=	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS F PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PL	REMAINS BENEATH T 0% SECTION REMAIN	ГНЕ	2	1	-	Each
Gen	neral Comments							

Elem Num			Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other B	earings	1	0	1	0	0	Each
515		Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Dofoct	Туре	Defect Des	scription		cs	CS Qty	Maint Qty	
316	Corrosion		INSPECTION. SECTION LOSS R PAINTED SURFACES. UP TO 90	EARINGS HAVE BEEN PAINTED SINCE PREVIOUS SPECTION. SECTION LOSS REMAINS BENEATH THE AINTED SURFACES. UP TO 90% SECTION REMAINING IN DTH MASONRY AND SOLE PLATES.				-	Each
316	Connection		WELDED BEARING REPAIR WIT	TH ANCHOR ROD.		1			Each

Span 2		Near Bear	ing					
Other Be	earing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
316 Corro	osion	BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN BOTH MASONRY AND SOLE PLATES.				1		Each

Spar	າ 2		Far Bearin	g					
Othe	er Bearing								
Elem Num			Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other B	earings	1	0	1	0	0	Each
515		Steel Pi	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Dofoct	Туре	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion		BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN BOTH MASONRY AND SOLE PLATES.				1	-	Each
316	Connection		WELDED BEARING REPAIR WIT	H ANCHOR ROD.		1			Each

Spa	an 2			Near Bearing						
Oth	er Bearing									
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings		1	0	1	0	0	Each
515		Steel Pro	otective Coating		2	2	0	0	0	Square Feet
Elemer Numbe	Dofoct	Туре		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion		INSPECTION, SECT	EEN PAINTED SINCE I FION LOSS REMAINS E ES. UP TO 90% SECTION ND SOLE PLATES.	BENEATH	THE	2	1		Each
	General Com	ments								

Span	2	Far Bearin	g					
Other	Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Bearings	1	0	1	0	0	Each
515		Steel Protective Coating	2	2	0	0	0	Square Feet
Element Number	Defect T	Type Defect Description	cription		cs	CS Qty	Maint Qty	
316 (Corrosion	BEARINGS HAVE BEEN PAINTEI INSPECTION. SECTION LOSS RI PAINTED SURFACES. UP TO 90° BOTH MASONRY AND SOLE PLA	EMAINS BENEATH T % SECTION REMAIN	HE	2	1		Each
316	Connection	WELDED BEARING REPAIR WIT	H ANCHOR ROD.		1			Each

Span 2		Near Bearing						
Other B	earing							
Element Number	Element Na	ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings		1	0	1	0	0	Each
515	Steel Protective Coating		2	2	0	0	0	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

2

Each

BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN

BOTH MASONRY AND SOLE PLATES.

General Comments

316 Corrosion

Span	2	I	Far Bearing					
Othe	r Bearing							
Eleme		Element Name	Tota Qty		CS2 Qty		CS4 Qty	
316		Other Bearings	1	1 0	1	0	0	Each
515		Steel Protective Coating	2	2 2	0	0	0	Square Feet
Element Number	Defect 1	Гуре	Defect Description		cs	CS Qty	Maint Qty	
316 (Corrosion	INSPECTION. SECT	EEN PAINTED SINCE PREVI TION LOSS REMAINS BENEA ES. UP TO 90% SECTION REI ND SOLE PLATES.	TH THE	2	1		Each
316	Connection	WELDED DEADING	REPAIR WITH ANCHOR ROI	`	1			Each

Rei	nforced Concrete	Deck						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	1,558	1,182	373	3	0 S	quare Feet
Elemen Numbe	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty	
12	Exposed Rebar	3 FT LONG X 6 IN HIGH UNSOUND CO WITH EXPOSED REINFORCEMENT. S REMAINING IN EXPOSED REINFORC	90% SECTION		3	3	3	Square Feet
12	Cracking (RC and 7 FT LONG DIAGONAL CRACK WITH EFFLORESCENCE, Other) 7 FT LONG DIAGONAL CRACK WITH EFFLORESCENCE, UNDERSIDE OF DECK, BAY 3 AT BENT 2.				2	7	7	Square Feet
12	Cracking (RC and Other)	SEVEN (7) UP TO 0.03 IN WIDE X UP TRANSVERSE CRACKS IN LEFT OVE SIMILAR CRACKS IN RIGHT OVERHA	RHANG. SIX		2	45	45	Square Fee
12	Cracking (RC and Other)	UP TO 0.03 IN WIDE TRANSVERSE A CRACKING IN DECK UNDERSIDE IN A SCATTERED			2	300	300	Square Fee
12	Patched Areas	32 IN LONG X 1 FT HIGH SOUND COMPATCHED AREA, BAY 1 END DIAPHR			2	3		Square Feet
12	Patched Areas	7 FT LONG X 6 IN HIGH SOUND CON 2 END DIAPHRAGM, AT BENT 2.	CRETE PATC	H IN BAY	2	7		Square Feet
12	Patched Areas	NEW REPAIR: 20 IN HIGH X 1 FT WID PATCH IN EAST OVERHANG AT BEN		NCRETE	2	2		Square Feet
12	Patched Areas	NEW REPAIR: 9 FT LONG X 1 FT HIG PATCH IN BAY 3 AT BENT 2.	H SOUND CO	NCRETE	2	9		Square Feet

Spar	า 3		Beam 1						
Plate	Girder								
Elem Num			Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel O	pen Girder/Beam	50	45	0	5	0	Feet
515		Steel Pi	rotective Coating	459	459	0	0	0	Square Feet
Element Number	Dofoct	Туре	Defect Des	cription		cs	CS Qty	Maint Qty	
107	Corrosion		SECTION LOSS BENEATH THE	2 FT LONG X 5 IN WIDE AREA OF BOTTOM FLANGE HAS SECTION LOSS BENEATH THE PAINTED SURFACE, LOCATED AT 2 FT FROM BEAM END AT BENT 3. 0.74 IN SECTION REMAINING.					2 Feet
107	Corrosion		3.3 FT LONG X UP TO 5 IN HIGH THE WEB AT 1.25 FT FROM BEA SECTION LOSS BENEATH THE I 0.575 IN SECTION REMAINING.	AM END AT BENT 3	EXHIBITS	3	3		3 Feet

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

30% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

4' OF RUST SCALE ALONG BOTTOM FLANGE, AT BENT 3. - - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 3		Beam 2						
Plate Gir	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

20% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 3		Beam 3						
Plate Gi	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

15% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	
515	Steel Protective Coating		459	459	0	0	0	Square Feet
107	Steel Open Girder/Beam		50	50	0	0	•	Feet
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gi	rder							
Span 3		Beam 4						

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

35% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Spa	n 3	Left Bridg	e Rail					
Con	crete and Metal I	Railing						
Elen Num 333		Element Name Bridge Railing	Total Qty 50	CS1 Qty 48	CS2 Qty	CS3 Qty 2	CS4 Qty	Feet
515	Steel P	rotective Coating	50	50	0	0	0	Square Feet
Element Number	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
333	Delamination/Spall	Amination/Spall TWO (2) SPALLS UP TO 8 IN IN DIAMETER X 1 IN DEEP WITH EXPOSED REINFORCEMENT IN BOTTOM OF CURB AT 6 FT AND 10 FT FROM BENT 3 JOINT. NO MEASUREABLE SECTION LOSS IN EXPOSED REINFORCEMENT.			3	2	2	2 Feet
-	General Comments							

Span 3	Span 3		ing					
Other	Bearing							
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316 Co	16 Corrosion BEARINGS HAVE BEEN PAINTED INSPECTION. SECTION LOSS RE PAINTED SURFACES. UP TO 90% BOTH MASONRY AND SOLE PLA		EMAINS BENEATH T % SECTION REMAIN	ГНЕ	2	1		Each
Ge	neral Comments							

Span 3		Far Bearing						
Other B	earing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings		1	0	1	0	0	Each
515	Steel Protective Coating		2	2	0	0	0	Square Feet
lement Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

2

Each

BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN

BOTH MASONRY AND SOLE PLATES.

General Comments

Corrosion

Span	3	Near Bear	ring					
Other	Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 C	Corrosion	BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN BOTH MASONRY AND SOLE PLATES.			2	1		Each
Ge	eneral Comments							

Span	3	Far Bearin	ng					
Other	Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS ² Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
316 C	Corrosion	INSPECTION. SECTION LOSS F	NGS HAVE BEEN PAINTED SINCE PREVIOUS CTION. SECTION LOSS REMAINS BENEATH THE ED SURFACES. UP TO 90% SECTION REMAINING IN MASONRY AND SOLE PLATES.			1		Each

Span Other	3 Bearing	Near Beari	ng					
Eleme Numb	per	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	1
316	Otr	ner Bearings	1	0	1	0	0	Each
515	Ste	el Protective Coating	2	2	0	0	0	Square Feet
lement lumber	Defect Typ	e Defect Desc	ription		cs	CS Qty	Maint Qty	
316 C			EMAINS BENEATH 7 % SECTION REMAIN	ГНЕ	2	1		Each

General Comments

Spa	n 3		Far Bearin	ıg					
Othe	er Bearing								
Elen Num			Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other B	Bearings	1	0	1	0	0	Each
515		Steel P	rotective Coating	2	2	0	0	0	Square Feet
lement lumber	Dofoct	Туре	Defect Des	cription		cs	CS Qty	Maint Qty	
316	Corrosion		BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS 2 INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN BOTH MASONRY AND SOLE PLATES.			1	·	Each	
316	Connection		WELDED REPAIR WITH NEW ANCHOR BOLT.			1			Each

Spa	ın 3		I	Near Bearing						
Oth	er Bearing									
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Bea	arings		1	0	1	0	0	Each
515		Steel Pro	tective Coating		2	2	0	0	0	Square Feet
Elemer Numbe	Dofoct '	Туре		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	Corrosion BEARINGS HAVE BEEN INSPECTION. SECTION PAINTED SURFACES. U BOTH MASONRY AND S		TION LOSS REMAINS B ES. UP TO 90% SECTIO	ENEATH	THE	2	1		Each
	General Com	ments								

Span 3	3	Far Beari	ing					
Other I	Bearing							
Elemen Numbe	••	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN BOTH MASONRY AND SOLE PLATES.			2	1	·	Each
Ger	neral Comments							

Spa	n 4	Deck					
Reir	nforced Concrete	Deck					
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinfor	ced Concrete Deck	1,579	970	609	0	0 Square Feet
Elemen Numbe	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty
12	Abrasion/Wear (PSC/RC)	7 FT LONG X 2 FT LONG AREA LOCATED AT MID SPAN.	OF HONEYCOMBING		2	14	Square Feet

Structure	Number: <u>500101</u>			Inspec	ction Da	ate: <u>06/26/2019</u>
12	Cracking (RC and Other)	SIX (6) UP TO 0.03 IN WIDE X UP TO 3 FT LONG TRANSVERSE CRACKS IN LEFT OVERHANG.	2	30	30	Square Feet
12	Cracking (RC and Other)	UP TO 0.03 IN WIDE TRANSVERSE AND RANDOM CRACKING IN DECK UNDERSIDE IN ALL BAYS, SCATTERED	2	550	550	Square Feet
12	Exposed Rebar	2 IN WIDE X 7 IN LONG X UP TO 2 IN DEEP SPALLS AND HONEYCOMBING WITH EXPOSED REBAR IN BOTTOM OF DIAPHRAGM IN BAY 1 AT BENT 4. NO MEASUREABLE SECTION LOSS IN EXPOSED REINFORCEMENT.	2	3	3	Square Feet
12	Patched Areas	2.5 FT LONG X 6 IN HIGH SOUND CONCRETE PATCH WITH HAIRLINE VERTICAL CRACKS IN BAY 1 ABOVE BENT 3.	2	3		Square Feet
12	Patched Areas	4 FT LONG X 6 IN HIGH SOUND CONCRETE PATCH WITH HAIRLINE VERTICAL CRACKS IN BAY 2 AT BENT 3.	2	4		Square Feet
12	Patched Areas	5 FT LONG X 11 IN HIGH SOUND CONCRETE PATCH IN BAY 1 END DIAPHRAGM, NEXT TO BEAM 1, AT BENT 4.	2	5		Square Feet

Genera	l Comments
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ement imber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	
515	Steel Protective Coating		459	459	0	0	0	Square Feet
107	Steel Open Girder/Beam		50	50	0	0	-	
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gi	irder							
Span 4		Beam 1						

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

20% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 4		Beam 2						
Plate Gir	rder							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 4		Beam 3						
Plate Gi	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 4 Plate Gi	rder	Beam 4						
Element Number	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

10% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 4			Right Bridge Rail						
Concrete	and Metal F	Railing							
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other B	ridge Railing		50	48	0	2	0	Feet
515	Steel P	rotective Coating		50	50	0	0	0	Square Feet
lement lumber	Defect Type		Defect Description			cs	CS Qty	Maint Qty	
333 Delar	mination/Spall		I HIGH X UP TP 1.5 IN I OF RAIL, LOCATED AT	_		3	2	-	2 Feet
Genera	al Comments								

Span 4		Near Be	aring					
Other B	earing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other	Bearings	1	0	1	0	0	Each
515	Steel I	Protective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect D	Description		cs	CS Qty	Maint Qty	
316 Cor	rosion	BEARINGS HAVE BEEN PAIN INSPECTION. SECTION LOS			2	1		Each

PAINTED SURFACES. UP TO 90% SECTION REMAINING IN BOTH MASONRY AND SOLE PLATES.

Span 4		Far Beari	ng					
Other I	Bearing							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS F PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PI	REMAINS BENEATH T 0% SECTION REMAIN	ГНЕ	2	1	-	Each
Ger	neral Comments							

	Near Bea	aring					
earing							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other B	earings	1	0	1	0	0	Each
Steel P	rotective Coating	2	2	0	0	0	Square Feet
Defect Type	Defect De	escription		CS	CS Qty	Maint Qty	
rosion	INSPECTION. SECTION LOSS PAINTED SURFACES. UP TO S	REMAINS BENEATH 790% SECTION REMAIN	ГНЕ	2	1		Each
	Other B Steel P	Element Name Other Bearings Steel Protective Coating Defect Type Osion BEARINGS HAVE BEEN PAINT INSPECTION. SECTION LOSS PAINTED SURFACES. UP TO SECTION SECTION SECTION SECTION SECTION SECTION SECTION LOSS PAINTED SURFACES.	Element Name Other Bearings Steel Protective Coating Defect Type Defect Description BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH	Element Name CS1 Qty Qty Other Bearings 1 0 Steel Protective Coating 2 2 Defect Type Defect Description OSION BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN	Element Name CS1 CS2 Qty Qty Qty Other Bearings 1 0 1 Steel Protective Coating 2 2 0 Defect Type Defect Description CS OSION BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN	Element Name Cother Bearings Steel Protective Coating Defect Type Defect Description BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN	Element Name CS1 CS2 CS3 CS4 Element Name Qty Qty Qty Qty Qty Qty Other Bearings 1 0 1 0 0 Steel Protective Coating 2 2 2 0 0 0 0 Defect Type Defect Description ELEMENT Name CS CS Qty Maint Qty Osion BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN

Spa	an 4			Far Bearing						
Oth	er Bearing									
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Bearing	ngs		1	0	1	0	0	Each
515		Steel Protec	tive Coating		2	2	0	0	0	Square Feet
Elemer Numbe	Dofoct	Туре		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	IN P/	SPECTION. SEC	BEEN PAINTED SINCE F TION LOSS REMAINS E ES. UP TO 90% SECTIC AND SOLE PLATES.	BENEATH	THE	2	1		Each
	General Com	ments								

Structure Number: 500101 Inspection Date: <u>06/26/2019</u>

Span 4		Near Bear	ring					
Other Bear	ring							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number De	efect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Corrosid	on	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS F PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PL	REMAINS BENEATH 7 0% SECTION REMAIN	ГНЕ	2	1		Each

General Comments

Span 4		Far Bearii	ng					
Other Beari	ng							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number Def	ect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Corrosion	ı	BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING II BOTH MASONRY AND SOLE PLATES.			2	1		Each

General Comments

	Near Bear	ring					
Bearing							
t r	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other E	Bearings	1	0	1	0	0	Each
Steel P	rotective Coating	2	2	0	0	0	Square Feet
Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
orrosion	INSPECTION. SECTION LOSS F PAINTED SURFACES. UP TO 90	REMAINS BENEATH T D% SECTION REMAIN	ГНЕ	2	1		Each
	Bearing t Other E Steel F	Bearing t Element Name Other Bearings Steel Protective Coating Defect Type Defect Deservosion BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS FRAINTED SURFACES. UP TO 90	Bearing t Element Name Qty Other Bearings 1 Steel Protective Coating 2 Defect Type Defect Description Trosion BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH	Bearing t Element Name Qty Qty Other Bearings 1 0 Steel Protective Coating 2 2 Defect Type Defect Description Trosion BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN	Bearing t Element Name Qty Qty Qty Other Bearings 1 0 1 Steel Protective Coating 2 2 0 Defect Type Defect Description CS Trosion BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN	Bearing t Element Name Qty Qty Qty Qty Qty Other Bearings 1 0 1 0 Steel Protective Coating 2 2 0 0 0 Defect Type Defect Description CS CS Qty Trosion BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS 1 INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN	Total CS1 CS2 CS3 CS4

Span 4		Far Bearin	ıg					
Other I	Bearing							
Elemen Numbe	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	Protective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS R		łΕ	2	1		Each

PAINTED SURFACES. UP TO 90% SECTION REMAINING IN

BOTH MASONRY AND SOLE PLATES.

General Comments

Spa	n 5	Deck										
Reinforced Concrete Deck												
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty					
12	Reinfor	ced Concrete Deck	1,579	1,025	554	0	0 S	quare Feet				
Elemen Numbe	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty					
12	Abrasion/Wear (PSC/RC)	6 FT LONG X 3 FT WIDE X UP TO HONEYCOMBING IN BAY 3 NEAR		A OF	2	18		Square Feet				
12	Cracking (RC and Other)	SEVEN (7) UP TO 0.03 IN WIDE X TRANSVERSE CRACKS IN LEFT (SIMILAR CRACKS IN RIGHT OVER	OVERHANG. TWE		2	75	75	Square Feet				
12	Cracking (RC and Other)	UP TO 0.02 IN WIDE RANDOM CR UNDERSIDE IN ALL BAYS, SCATT			2	450	450	Square Feet				
12	Patched Areas	3 FT LONG X 11 IN HIGH SOUND END DIAPHRAGM, NEXT TO BEAL		CH, BAY 2	2	3		Square Feet				
12	Patched Areas	NEW REPAIR: 8 FT LONG X 6 IN F	HIGH SOUND COM M, AT BENT 5.	NCRETE	2	8		Square Feet				

ment mber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	
515	Steel Protective Coating		459	459	0	0	0	Square Feet
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
Element Number	Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gi	rder							
Span 5		Beam 2						

General Comments

Span 5		Beam 4						
Plate Gi	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

10% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Spa	n 5	Left Br	idge Rail					
Con	crete and Metal	Railing						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other	Bridge Railing	50	49	0	1	0	Feet
515	Steel F	Protective Coating	50	50	0	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect	Description		cs	CS Qty	Maint Qty	
333	Delamination/Spall	6 IN DIAMETER X 1 IN DEEI PAINTED REBAR IN BOTTC BENT 6 JOINT.			3	1		1 Feet

Span 5	5	Near Bear	ing					
Other I	Bearing							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Co	rosion BEARINGS HAVE BEEN PAINTED SINCE PRE' INSPECTION. SECTION LOSS REMAINS BENE PAINTED SURFACES. UP TO 90% SECTION R BOTH MASONRY AND SOLE PLATES.			THE	2	1		Each
Ger	neral Comments							

Span 5		Far Bearin	ng					
Other I	Bearing							
Elemen Numbe	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS F PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PL	REMAINS BENEATH T D% SECTION REMAIN		2	1		Each
Ger	neral Comments							

Span s	5 Bearing	Near Beari	ng					
Elemer Number 316	er	Element Name Bearings	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty	='
515	Steel	Protective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
316 Co	orrosion	INSPECTION. SECTION LOSS RE	BEEN PAINTED SINCE PREVIOUS CTION LOSS REMAINS BENEATH THE CES. UP TO 90% SECTION REMAINING IN AND SOLE PLATES.			1	Í	Each

General Comments

Span 5 Far Bearing								
Other E	Bearing							
Element Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Cor	316 Corrosion BEARINGS HAVE BEEN PAINTED SINCE FINSPECTION. SECTION LOSS REMAINS BPAINTED SURFACES. UP TO 90% SECTION BOTH MASONRY AND SOLE PLATES.		REMAINS BENEATH T 0% SECTION REMAIN	ГНЕ	2	1	·	Each

General Comments

Span 5								
Other E	Bearing							
Element Number	•	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
316 Co	Corrosion BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING BOTH MASONRY AND SOLE PLATES.			THE	2	1		Each
Gen	eral Comments							

Spa	an 5			Far Bearing						
Oth	er Bearing									
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Bearing	js –		1	0	1	0	0	Each
515		Steel Protecti	ve Coating		2	2	0	0	0	Square Feet
Elemei Numbe	Dofoct T	Гуре		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	INS PA	SPECTION. SECTION SECTION SECTION SURFACE	EEN PAINTED SINCE FION LOSS REMAINS E ES. UP TO 90% SECTION IND SOLE PLATES.	BENEATH	THE	2	1		Each
	General Comr	nents								

Span 5 **Near Bearing Other Bearing** CS2 CS4 **Element** Total CS1 CS3 Qty Qty Number **Element Name** Qty Qty Qty 316 Other Bearings 0 0 Each 0 1 1 2 2 0 515 Steel Protective Coating 0 0 Square Feet Element Maint **Defect Type Defect Description** CS CS Qty Number Qty

2

Each

316 Corrosion BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN

BOTH MASONRY AND SOLE PLATES.

Span 5	5	Far Bearin	ng					
Other	Bearing							
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
316 Co	orrosion	INSPECTION. SECTION LOSS R	BEEN PAINTED SINCE PREVIOUS CTION LOSS REMAINS BENEATH THE CES. UP TO 90% SECTION REMAINING IN AND SOLE PLATES.			1		Each
Gei	neral Comments							

Spar	า 6	Deck						
Rein	forced Concrete	Deck						
Elem Num 12	ber	Element Name ced Concrete Deck	Total Qty 1,579	CS1 Qty 1,421	CS2 Qty 158	CS3 Qty 0	CS4 Qty 0 S	quare Feet
lement lumber	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
12	Cracking (RC and Other)	EIGHT (8) UP TO 0.03 IN WIDE X U TRANSVERSE CRACKS IN LEFT O OVERHANG TYPICAL.			2	50	50	Square Feet
12	Delamination/Spall	THREE (3) AREAS OF DELAMINAT IN DIAMETER IN EAST OVERHANG		JP TO 6	2	3	3	Square Feet
12	Efflorescence/Rust Staining	SIX (6) 8 FT LONG X HAIRLINE TRA WITH EFFLORESCENCE, UNDERS RANDOM THROUGHOUT BAY 1. S	SIDE OF DECK, A	Т	2	90		Square Feet
12	Exposed Rebar	12 IN WIDE X 9 IN LONG X 14 IN HI SPALL UP TO 3.5 IN DEEP WITH E REINFORCEMENT IN BAY 2 AT BE SECTION LOSS IN EXPOSED REIN	XPOSED NT 6. NO MEASL		2	1	1	Square Feet
12	Exposed Rebar	2.5 FT WIDE X 10 IN LONG X UP TO UNSOUND CONCRETE AND SPAL EXPOSED REINFORCEMENT IN B. BENT 7. NO MEASUREABLE SECT REINFORCEMENT.	L UP TO 2 IN DEE AY 3 END DIAPHI	EP WITH RAGM AT	2	3	3	Square Feet
12	Patched Areas	30 IN LONG X 6 IN HIGH SOUND C 1 END DIAPHRAGM, AT BENT 6.	ONCRETE PATC	H IN BAY	2	3		Square Feet
12	Patched Areas	NEW REPAIR: 12 IN DIAMETER SO AT 2ND DRAIN PIPE IN EAST OVE		EPATCH	2	1		Square Feet
12	Patched Areas	NEW REPAIR: 12 IN DIAMETER SO IN EAST OVERHANG AT DRAIN ON		EPATCH	2	1		Square Feet
12	Patched Areas	NEW REPAIR: 18 IN DIAMETERE S PATCH IN EAST OVERHANG BETV DRAINS.			2	1		Square Feet
12	Patched Areas	NEW REPAIR: 2 FT HIGH X 1 FT W PATCH IN END DIAPHRAGM OUTS		-	2	2		Square Feet
12	Patched Areas	NEW REPAIR: 28 IN LONG X 1 FT I PATCH IN BAY 2 END DIAPHRAGN EXHIBITS HAIRLINE VERTICAL CR	I, AT BENT 5. PA	TCH	2	3		Square Feet

Span 6		Beam 1						
Plate Gi	rder							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

1' OF RUST SCALE ALONG BOTTOM FLANGE AT BENT 6. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION.

Span 6 Plate Gi	irder	Beam 2						
Element Number		ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Spar	Span 6		Beam 3						
Plate	e Girder								
Elem Num		Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Open Girder/Beam		50	49	0	1	0	Feet
515		Steel Protective Coating		459	459	0	0	0	Square Feet
Element Number	Dofoct 1	Гуре	Defect Description	l		cs	CS Qty	Maint Qty	
107	Corrosion	IN THE WEB BEN	H X 10 IN LONG AREA (NEATH THE PAINTED S 0.575 IN SECTION REM	URFACE AT		3	1	·	1 Feet

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	
515	Steel Protective Coating		459	459	0	0	0	Square Feet
107	Steel Open Girder/Beam		50	50	0	0	•	Feet
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gi	rder							
Span 6		Beam 4						

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 6		Left Brido	ge Rail					
Concrete	e and Metal I	Railing						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other E	Bridge Railing	50	30	0	20	0 1	Feet
515	Steel P	Steel Protective Coating 50		50	0	0	0 \$	Square Feet
Element Number	Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	
333 Dam	nage	MODERATE TO HEAVY IMPAC DEFLECTION TOWARDS WEST BRIDGE RAIL FOR 20 FT LONG (2) SPACER BLOCKS CONNEC POSTS ARE PARTIALLY CRUS	T TO THE SUPPLEME S STARTING AT BENT TING THE GUARDRA	NTAL 6. TWO	3	20	20) Feet
Gene	ral Comments							

Span 6	6	Near Bear	ring					
Other	Bearing							
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other	Bearings	1	0	1	0	0	Each
515	Steel F	Protective Coating	2	2	0	0	0	Square Feet
lement Sumber	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS F PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PI	REMAINS BENEATH T 0% SECTION REMAIN	ГНЕ	2	1	-	Each
Ge	neral Comments							

Spar	ո 6	Far Bearin	g					
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	O	ther Bearings	1	0	1	0	0	Each
515	St	eel Protective Coating	2	2	0	0	0	Square Feet
Element Number	Dofoot Tv	pe Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	BEARINGS HAVE BEEN PAINTEI	D SINCE PREVIOUS		2	1	-	Each

INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN

BOTH MASONRY AND SOLE PLATES.

316 Connection BEARING ASSEMBLY HAS WELDED REPAIR WITH NEW 1 Each

ANCHOR BOLT.

General Comments

Span 6		Near Bear	ing					
Other Be	earing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Corro	osion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS F PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PL	REMAINS BENEATH T 0% SECTION REMAIN	HE	2	1		Each
Gener	al Comments							

Spa	an 6		Far Bearing						
Oth	er Bearing								
	ment mber	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Bearings		1	0	1	0	0	Each
515		Steel Protective Coat	ng	2	2	0	0	0	Square Feet
Elemer Numbe	Dofoct	Туре	Defect Descr	iption		cs	CS Qty	Maint Qty	
316	Corrosion	INSPECTION PAINTED S	HAVE BEEN PAINTED DN. SECTION LOSS RE SURFACES. UP TO 90% SONRY AND SOLE PLA	MAINS BENEATH T SECTION REMAIN		2	1		Each
316	Connection	BEARING ANCHOR E	ASSEMBLY HAS WELD! BOLT.	ED REPAIR WITH N	EW	1			Each
	General Com	ments							

Span 6		Near Bea	ring					
Other E	Bearing							
Elemen Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
316 Co	rrosion	BEARINGS HAVE BEEN PAINTI INSPECTION. SECTION LOSS I PAINTED SURFACES. UP TO 9 BOTH MASONRY AND SOLE PI	REMAINS BENEATH TO SECTION REMAIN	THE	2	1		Each

Structure Number: <u>500101</u> Inspection Date: <u>06/26/2019</u>

Span	16		F	ar Bearing						
Othe	r Bearing									
Eleme Numl			Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	arings		1	0	1	0	0	Each
515		Steel Pro	tective Coating		2	2	0	0	0	Square Feet
lement lumber	Defect	Туре		Defect Description			cs	CS Qty	Maint Qty	
316 (Corrosion		INSPECTION. SECTI	EEN PAINTED SINCE ION LOSS REMAINS I S. UP TO 90% SECTION ID SOLE PLATES.	BENEATH	THE	2	1		Each
316	Connection		BEARING ASSEMBL ANCHOR BOLT.	Y HAS WELDED REP	AIR WITH	NEW	1			Each
G	eneral Com	ments								

Span 6		Near Bea	aring					
Other B	Bearing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
316 Cor	rrosion	BEARINGS HAVE BEEN PAINT INSPECTION. SECTION LOSS PAINTED SURFACES. UP TO S BOTH MASONRY AND SOLE F	REMAINS BENEATH T 90% SECTION REMAIN	HE	2	1		Each
Gene	eral Comments							

Oth	er Bearing								
Nun		Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
316	,	Other Bearings		ı	0	1	0		Each
515	;	Steel Protective Coati	ng	2	2	0	0	0	Square Feet
Elemen Numbe	Dofoct T	ype	Defect Descri	ption		cs	CS Qty	Maint Qty	
316	Corrosion	INSPECTION PAINTED S	HAVE BEEN PAINTED N. SECTION LOSS REM URFACES. UP TO 90% ONRY AND SOLE PLAT	MAINS BENEATH T SECTION REMAIN	THE	2	1		Each
316	Connection	BEARING A ANCHOR B	SSEMBLY HAS WELDE	D REPAIR WITH N	NEW	1			Each

Span 7		Deck						
Reinfor	ced Concrete Deck							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck		1,579	1,110	463	6	0 S	quare Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>500101</u>			Inspec	tion D	ate: 06/26/2019
12	Delamination/Spall	3 FT X 2 FT AREA OF DELAMINATION, UNDERSIDE OF WEST OVERHANG, AT MID SPAN.	3	6	6	Square Feet
12	Cracking (RC and Other)	EIGHT (8) UP TO 0.03 IN WIDE X UP TO 3 FT LONG TRANSVERSE CRACKS IN LEFT OVERHANG. RIGHT OVERHANG TYPICAL.	2	55	55	Square Feet
12	Cracking (RC and Other)	UP TO 0.02 IN WIDE RANDOM CRACKING IN DECK UNDERSIDE IN ALL BAYS, SCATTERED THROUGHOUT.	2	300	300	Square Feet
12	Exposed Rebar	24 IN LONG X 2 FT WIDE X 2 IN DEEP DELAMINATION/SPALL WITH EXPOSED REINFORCING, UNDERSIDE OF EAST OVERHANG AT 2/3 POINT. NO MEASUREABLE SECTION LOSS IN EXPOSED REINFORCEMENT.	2	4	4	Square Feet
12	Patched Areas	20 IN WIDE X 18 IN HIGH SOUND CONCRETE PATCHED AREA, BAY 1 END DIAPHRAGM, OVER BENT 7, NEXT TO BEAM 2.	2	4		Square Feet
12	Patched Areas	7 FT LONG X 1 FT HIGH SOUND CONCRETE PATCH IN INTERMEDIATE DIAPHRAGM IN BAY 3 AT BENT 7.	2	7		Square Feet
12	Patched Areas	75 SQ FT OF PATCHED AREA, UNDERSIDE OF DECK, AT RANDOM THROUGHOUT ALL BAYS.	2	75		Square Feet
12	Patched Areas	8 FT LONG X 6 IN HIGH SOUND CONCRETE PATCHED AREA IN BAY 2 END DIAPHRAGM, AT BENT 6.	2	8		Square Feet
12	Patched Areas	NEW REPAIR: 18 IN DIAMETER SOUND CONCRETE PATCH IN EAST OVERHANG AT THIRD DRAIN PIPE.	2	2		Square Feet
12	Patched Areas	NEW REPAIR: 2 FT HIGH X 1 FT WIDE SOUND CONCRETE PATCH IN DIAPHRAGM OUTSIDE BEAM 4 AT BENT 7.	2	2		Square Feet
12	Patched Areas	NEW REPAIR: 6 FT LONG X 12 IN HIGH SOUND CONCRETE PATCH BOTTOM OF BAY 3 END DIAPHRAGM, NEXT TO BEAM 3, AT BENT 6. PATCH EXHIBITS UP TO 0.03 IN WIDE VERTICAL CRACKS, SCATTERED.	2	6		Square Feet

General Comments

Span 7		Beam 1						
Plate Gi	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 7		Beam 2						
Plate Gi	rder							
Element Number	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

10% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 7		Beam 3						
Plate Gi	rder							
Element Number	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

25% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 7		Beam 4						
Plate Gi	rder							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

15% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 7	Right Brid	lge Rail					
Concrete and Met	al Railing						
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333 Oth	ner Bridge Railing	50	35	15	0	0	Feet
515 Ste	eel Protective Coating	50	50	0	0	0	Square Feet
Element Number Defect Typ	e Defect Des	cription		cs	CS Qty	Maint Qty	
333 Patched Area	15 FT LONG SECTION OF CONG REPLACED, AT MIDSPAN.	CRETE RAIL HAS BE	EN	2	15		Feet

General Comments

Span 7			ing					
Other Bearing	ng							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number Def	ect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
316 Corrosion	n	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS F PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PL	REMAINS BENEATH T D% SECTION REMAIN	ГНЕ	2	1	·	Each

General Comments

Span 7	Far Bea	aring					
Other Bearing							
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings	1	0	1	0	0	Each
515	Steel Protective Coating	2	2	0	0	0	Square Feet
Element Number Defect	Type Defect	Description		cs	CS Qty	Maint Qty	
316 Corrosion	BEARINGS HAVE BEEN PAI INSPECTION. SECTION LOS PAINTED SURFACES. UP TO BOTH MASONRY AND SOLE	SS REMAINS BENEATH TO 90% SECTION REMAIN	ГНЕ	2	1		Each

General Comments

Span 7		Near Bear	ring					
Other Be	earing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
316 Corre	osion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS F PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PL	REMAINS BENEATH T D% SECTION REMAIN	HE	2	1	·	Each
Gene	ral Comments							

Span 7		Far Beari	ng					
Other B	earing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	="
316	Other I	Bearings	1	0	1	0	0	Each
515	Steel F	Protective Coating	2	2	0	0	0	Square Feet
lement lumber	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
316 Cor	rosion	BEARINGS HAVE BEEN PAINTI		HE	2	1	-	Each

PAINTED SURFACES. UP TO 80% SECTION REMAINING IN

BOTH MASONRY AND SOLE PLATES.

General Comments

Span 7		Near Bear	ing					
Other I	Bearing							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other I	Bearings	1	0	1	0	0	Each
515	Steel F	Protective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS F PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PL	REMAINS BENEATH T D% SECTION REMAIN	THE	2	1	·	Each
Gen	neral Comments							

Span 7		Far Bearin	ng					
Other	Bearing							
Elemen Numbe	•	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other I	Bearings	1	0	1	0	0	Each
515	Steel F	Protective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS R PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PL	EMAINS BENEATH T % SECTION REMAIN	THE	2	1	·	Each
Ger	neral Comments							

Span 7		Near Beari	ing					
Other Be	earing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
316 Corro	osion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS R PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PL	EMAINS BENEATH T % SECTION REMAIN	HE	2	1		Each
Gener	al Comments							

Span 7	7	Far Bearin	ng					
•	Bearing							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Othe	er Bearings	1	0	1	0	0	Each
515	Stee	l Protective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS F PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PL	REMAINS BENEATH T D% SECTION REMAIN	ГНЕ	2	1	·	Each
Ger	neral Comments	s						

	Deck						
Concrete I	Deck						
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Reinforce	ed Concrete Deck	1,587	1,584	3	0	0	Square Feet
ect Type	Defect De	escription		cs	CS Qty	Maint Qty	
Areas				2	3		Square Fee
		Concrete Deck Element Name Reinforced Concrete Deck ect Type Defect Deck Areas 3 FT LONG X 10 IN HIGH SOU	Concrete Deck Element Name Reinforced Concrete Deck Outy 1,587 ect Type Defect Description Areas 3 FT LONG X 10 IN HIGH SOUND CONCRETE PATO	Concrete Deck Element Name Reinforced Concrete Deck Defect Description Total Qty Qty 1,587 1,584	Concrete Deck Element Name Total Qty Qty Qty Qty CS1 Qty Qty Reinforced Concrete Deck 1,587 1,584 3 3 ect Type Defect Description CS Areas 3 FT LONG X 10 IN HIGH SOUND CONCRETE PATCHED 2	Concrete Deck Element Name Total Qty	Concrete Deck Total CS1 CS2 CS3 CS4

ement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	
515	Steel Protective Coating		459	459	0	0	0	Square Feet
107	Steel Open Girder/Beam		50	50	0	0	-	Feet
Element Number	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Plate Gi	rder							
Span 8		Beam 1						

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

10% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

ement Imber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	
515	Steel Protective Coating		459	459	0	0	0	Square Feet
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Span 8 Plate Gire		Beam 2						

General Comments

20% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 8		Beam 3						
Plate Gi	irder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

15% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 8		Beam 4						
Plate Gi	rder							
Element Number	Element Name	•	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	50	0	0	0	Feet
515	Steel Protective Coating		459	459	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

20% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span	8	Left Bridg	ge Rail					
Conc	rete and Metal F	Railing						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other E	Bridge Railing	51	50	1	0	0	Feet
515	Steel P	rotective Coating	51	51	0	0	0	Square Feet
Element Number	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
333 [Delamination/Spall	EXPOSED REINFORCEMENT	X 8 IN HIGH X UP TO 3 IN DEEP SPALL WITH REINFORCEMENT IN TOP OF RAIL AT FIRST T FROM END BENT 2. 90% SECTION REMAINING ED REINFORCEMENT.			1		1 Feet
G	eneral Comments							

Span 8		Near Bear	ring					
Other Bear	ing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	0	1	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number De	efect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Corrosic	on	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS F PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PL	REMAINS BENEATH TO 0% SECTION REMAIN	ГНЕ	3	1	·	1 Each

General Comments

Span 8	Far Bearing							
Other Bearing	9							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number Defec	t Type	Defect Des	cription		cs	CS Qty	Maint Qty	
316 Corrosion		INSPECTION. SECTION LOSS R PAINTED SURFACES. UP TO 90	BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS NSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN BOTH MASONRY AND SOLE PLATES.					Each

General Comments

Span 8		Near Bear	ing					
Other	Bearing							
Elemen Numbe	· -	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
316 Co	6 Corrosion BEARINGS HAVE BEEN PAINTED SINCE FINSPECTION. SECTION LOSS REMAINS BEARINGS BOTH MASONRY AND SOLE PLATES.			THE	2	1		Each
Ger	neral Comments							

Far Bearing Span 8 **Other Bearing** CS1 CS2 CS3 CS4 **Element** Total Number **Element Name** Qty Qty Qty Qty Qty 316 Other Bearings 0 1 0 0 Each 1 515 Steel Protective Coating 2 2 0 0 0 Square Feet Element Maint **Defect Type Defect Description** CS CS Qty Number Qty 316 Corrosion BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS 2 Each INSPECTION. SECTION LOSS REMAINS BENEATH THE

PAINTED SURFACES. UP TO 90% SECTION REMAINING IN

BOTH MASONRY AND SOLE PLATES.

General Comments

Span 8	Near Bearing							
Other I	Bearing							
Elemen Numbe	· -	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
lement lumber	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN BOTH MASONRY AND SOLE PLATES.				1	·	Each
Gen	neral Comments	BOTT WASONKT AND SOLL FL	ATLS.					

Span 8	3	Far Bearing							
Other I	Bearing								
Elemen Numbe	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	='	
316	Oth	er Bearings	1	0	1	0	0	Each	
515	Stee	el Protective Coating	2	2	0	0	0	Square Feet	
Element Number	Defect Type	e Defect Desc	ription		cs	CS Qty	Maint Qty		
316 Co	orrosion	INSPECTION. SECTION LOSS RE PAINTED SURFACES. UP TO 90%	BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 90% SECTION REMAINING IN BOTH MASONRY AND SOLE PLATES.					Each	
Gen	neral Comment	ts							

Span 8		Near Beari	ng					
Other Be	earing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
316 Corro	osion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS R PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PL	EMAINS BENEATH T % SECTION REMAIN		2	1		Each
Gener	al Comments							

Span 8 Far Bearing								
Other B	earing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
316 Cor	rosion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS R PAINTED SURFACES. UP TO 90 BOTH MASONRY AND SOLE PL	HE	2	1		Each	
Gene	eral Comments							

Bent 1		Pile 7						
Other Pil	le							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	9	1	0	0	1	0 E	Each
lement lumber	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
229 Dama	age	HEAVY VEGETATION GROWTH	ON EAST FACE OF	PILE.	3	1	1	Each

End	Bent 1	Abutment						
Reir	nforced Concrete	Abutment						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinfor	ced Concrete Abutment	33	0	33	0	0 Feet	
Elemen	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
215	Cracking (RC and Other)	UP TO 0.03 IN WIDE RANDOM C FOR FULL LENGTH.	RACKING IN BACKV	VALL	2	33	Feet	
-	General Comments							

Bent	: 2	Pile 7						
Othe	er Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other P	Pile	1	0	0	1	0 Each	
Element Number	Dofoot Typo	Defect De	escription		cs	CS Qty	Maint Qty	
229	Delamination/Spall	18 IN WIDE X 22 IN HIGH AREA NORTH FACE.	OF DELAMINATION, 1	OP OF	3	1	2 Each	1

General Comments

Ber	nt 3			Pile 1						
Oth	er Pile									
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229		Other Pile	•		1	0	1	0	0	Each
Elemei Numbe		efect Type		Defect Description			cs	CS Qty	Maint Qty	
229	Scour		Underwater Inspection Matthew.	on 9/13/17: 1ft. of scour	post hurrica	ane	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Steel piles not visible.

Bent 3			Pile 2						
Other Pile									
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	•		1	0	1	0	0	Each
lement umber De	efect Type		Defect Description			cs	CS Qty	Maint Qty	
229 Scour		Underwater Inspect Matthew.	ion 9/13/17: 1ft. of scou	r post hurric	ane	2	1		Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Steel piles not visible.

Bent 3		Pile 3						
Other I	Pile							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pi	le	1	0	1	0	0 Each	
Element Number	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
229 Sc	cour	Underwater Inspection 9/13/17: Matthew.	1ft. of scour post hurrica	ne	2	1	Each	

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Steel piles not visible.

Bent 3 Pile 4 Other Pile **Element** Total CS1 CS2 CS3 CS4 Number **Element Name** Qty Qty Qty Qty Qty 229 Other Pile 0 1 0 0 Each Element Maint **Defect Type Defect Description** CS CS Qty Number Qty 229 Scour Underwater Inspection 9/13/17: 1ft. of scour post hurricane 2 Each 1 Matthew.

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Steel piles not visible.

Inspection Date: 06/26/2019 Structure Number: 500101

Bei	nt 3			Pile 5						
Oth	er Pile									
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229		Other Pile	•		1	0	1	0	0	Each
Eleme Numbe	Dofoot	t Type		Defect Description			cs	CS Qty	Maint Qty	
229	Scour		Underwater Inspect Matthew.	ion 9/13/17: 1ft. of scour	post hurrica	ane	2	1	-	Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Steel piles not visible.

Ben	t 3	Pile 6						
Oth	er Pile							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other I	Pile	1	0	1	0	0 Each	
lemen lumbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 11 Matthew.	ft. of scour post hurricate	ane	2	1	Each	

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Steel piles not visible.

Ben	nt 3	Pile 7						
Oth	er Pile							
	ment mber Other P	Element Name le	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Ea	ch
lemer lumbe	Dofoct Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
229	Delamination/Spall	4 FT HIGH X 4 IN WIDE SPALL WITH REINFORCEMENT IN EAST FACE. S REMAINING IN EXPOSED REINFOR	90% SECTION		3	1	1	Each
229	Cracking	5 FT HIGH X UP TO 6 IN WIDE CON HAIRLINE VERTICAL CRACKS IN EA 4 FT BELOW THE CAP.			2			Each
229	Scour Semments	Underwater Inspection 9/13/17: 1ft. of Matthew.	scour post hurrica	ane	2			Each

General Comments

Ben	t 4	Cap 1						
Rei	nforced Concrete	Pier Cap						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfor	ced Concrete Pier Cap	32	31	0	1	0 Feet	
lemen lumbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	30 IN LONG X 1/16 IN WIDE HOR OF WEST END.	RIZONTAL CRACK, C	ENTER	3	1	1 Feet	
	General Comments							_

TOP OF CAP

2' X 9" DELAMINATION, TOP OF NORTH FACE, BELOW BEAM 3. - NOT OBSERVED

Bent 4		Pile 1						
Other	Pile							
Elemei Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pi	le	1	0	1	0	0	Each
lement Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
229 C	racking	5 FT LONG X 0.02 IN WIDE VERT BEGINNING AT CAP.	ICAL CRACK, SOUT	TH FACE	2	1		Each
229 Se	cour	Underwater Inspection 9/13/17: 2ft. Matthew.	of scour post hurric	ane	2			Each
Ge	neral Comments							

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Steel piles not visible.

Ben	t 4	Pile 2						
Othe	er Pile							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other	Pile	1	0	1	0	0	Each
Element Number	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
229	Cracking	1 FT LONG VERTICAL HAIRLINE BEGINNING AT CAP.	E CRACK, SOUTH FA	ACE,	2	1		Each
229	Scour	Underwater Inspection 9/13/17: 2' Matthew.	ft. of scour post hurric	ane	2			Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Steel piles not visible.

Ber	nt 4		Pile 3						
Oth	er Pile								
Nur	ment mber	0.1	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	•
229		Other F	rile	1	0	1	0	0	Each
Elemer Numbe	Do	fect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
229	Corrosio	n	Underwater Inspection 9/13/17: Raedges of exposed steel pile.	andom rust blisters or	n flange	2			Each
229	Scour		Underwater Inspection 9/13/17: 2f steel pile post hurricane Matthew.	t. of scour with 1ft. of	exposed	2	1		Each

General Comments

Bent 4		Pile 4						
Other F	Pile							
Elemen Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pi	le	1	0	1	0	0 Each	
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
229 Co	rrosion	Underwater Inspection 9/13/17: Redges of exposed steel pile.	andom rust blisters on fla	ange	2		Each	

229 Scour Underwater Inspection 9/13/17: 2ft. of scour with 1ft. of exposed 2 1 Each steel pile post hurricane Matthew.

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Bent 4	1	Pile 5						
Other	Pile							
Eleme Number 229	- 	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty	Each
ement imber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
2 29 S	cour	Underwater Inspection 9/13/17: 4ft. steel pile post hurricane Matthew. (ISSUED)			4	1	•	4 Each
2 29 C	orrosion	Underwater Inspection 9/13/17: Rai edges of exposed steel pile.	ndom rust blisters o	n flange	2			Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Ben Othe	t 4 er Pile	Pile 6						
Elen Num 229		Element Name Other Pile	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	ach
Element Number	Dofoot Tv	pe Defect De	scription		cs	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 4 steel pile post hurricane Matthew ISSUED)			4	1	4	Each
229	Corrosion	Underwater Inspection 9/13/17: Fedges of exposed steel pile.	Random rust blisters or	n flange	2			Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Bent	4	Pile 7						
Othe	er Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other P	ile	1	0	0	0	1	Each
Element Number	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 4ft. steel pile post hurricane Matthew. (FISSUED)			4	1	2	I Each
229	Corrosion	Underwater Inspection 9/13/17: Ran edges of exposed steel pile.	ndom rust blisters or	n flange	2			Each

General Comments

Bent 5		Cap 1						
Reinfor	ced Concrete Pier Cap							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap		32	32	0	0	0 Feet	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

 24° X 16° DELAMINATION, TOP OF SOUTH FACE, BELOW BEAM 3. - REPAIRED SINCE PREVIOUS INSPECTION BY TOP SEALANT.

7' X 1" X 1" DELAMINATION/SPALL ALONG BOTTOM NORTH CORNER, FROM PILE 3 TO PILE 4. - NOT OBSERVED

Ben	t 5	Pile 1						
Othe	er Pile							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pi	e	1	0	0	1	0 1	Each
lemen lumbe	Dofoct Typo	Defect Descri	ription		cs	CS Qty	Maint Qty	
229	Deterioration (Other)	ABRASION WITH COARSE AGGR TO 1/4 IN LOSS OF FACIAL CONC		1/16 IN	3	1	1	Each
229	Corrosion	Underwater Inspection 9/13/17: Rar edges of exposed steel pile.	ndom rust blisters or	n flange	2			Each
229	Scour	Underwater Inspection 9/13/17: 2ft. steel pile post hurricane Matthew.	of scour with 3ft. of	exposed	2			Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Ben	nt 5		Pile 2						
Oth	er Pile								
	ment mber	Other Pile	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty	
Elemen Numbe	Dofoot	Туре	Defect Desc	cription		cs	CS Qty	Maint Qty	
229	Corrosion		Underwater Inspection 9/13/17: Ra edges of exposed steel pile.	andom rust blisters or	n flange	2		-	Each
229	Scour		Underwater Inspection 9/13/17: 2ft steel pile post hurricane Matthew.	. of scour with 1ft. of	exposed	2	1		Each

General Comments

Ben	t 5	Pile 3						
Oth	er Pile							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other F	Pile	1	0	0	0	1 Each	
lemen lumbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 6ft steel pile post hurricane Matthew. ISSUED)			4	1	6 Each	
229	Corrosion	Underwater Inspection 9/13/17: Ra edges of exposed steel pile.	andom rust blisters or	n flange	2		Each	

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Bent 5	5	Pile 4						
Other	Pile							
Eleme Number 229		Element Name e	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty	Each
ement umber	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
229 S	cour	Underwater Inspection 9/13/17: 8f steel pile post hurricane Matthew. ISSUED)			4	1	8	3 Each
229 C	orrosion	Underwater Inspection 9/13/17: R edges of exposed steel pile.	andom rust blisters or	n flange	2			Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Ben	t 5	Pile 5						
Othe	er Pile							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Othe	er Pile	1	0	0	0	1	Each
Element Number	Dofoot Typo	Defect Descr	ription		CS	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 8ft. steel pile post hurricane Matthew. (FISSUED)			4	1	3	B Each
229	Corrosion	Underwater Inspection 9/13/17: Rar edges of exposed steel pile.	ndom rust blisters or	n flange	2			Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Bent !	5	Pile 6						
Other	Pile							
Eleme Numb	· · · ·	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other P	ile	1	0	0	0	1 E	Each
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
229 S	Scour	Underwater Inspection 9/13/17: 8ft. steel pile post hurricane Matthew. (I ISSUED)			4	1	8	Each
229 C	Corrosion	Underwater Inspection 9/13/17: Rai edges of exposed steel pile.	ndom rust blisters or	n flange	2			Each

General Comments

Bent	t 5	Pile 7						
Othe	er Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other I	Pile	1	0	0	0	1 Each	
lement lumber	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 8ft. steel pile post hurricane Matthew. (ISSUED)			4	1	Each	
229	Corrosion	Underwater Inspection 9/13/17: Rai edges of exposed steel pile.	ndom rust blisters or	n flange	2		Each	

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Rein	forced Concrete	Pier Cap						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfor	ced Concrete Pier Cap	32	30	2	0	0	Feet
lement lumber	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
234	Patched Area	2 FT LONG X 17 IN HIGH PATCH FACE, BELOW BEAM 3.	HED AREA, TOP OF	SOUTH	2	2	-	Feet

Bent 6		Pile 1						
Other P	ile							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile		1	0	0	0	1 Each	
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
229 Sco		Underwater Inspection 9/13/17: 4 Matthew. (PRIORITY MAINTENA		ine	4	1	4 Each	

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Steel piles not visible.

Bent 6		Pile 2						
Other I	Pile							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other P	ile	1	0	0	0	1 Each	
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
229 Sc	our	Underwater Inspection 9/13/17: 4ft Matthew. (PRIORITY MAINTENAN		ane	4	1	4 Each	

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Steel piles not visible.

Ber	nt 6		Pile 3						
Oth	er Pile								
	ment nber	Ele	ment Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	C	other Pile		1	0	0	0	1 Each	
Elemer Numbe	Dofoot To	pe	Defect De	scription		cs	CS Qty	Maint Qty	
229	Scour		vater Inspection 9/13/17: 4 w. (PRIORITY MAINTEN		ine	4	1	4 Each	

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Steel piles not visible.

Bent 6		Pile 4						
Other Pile	е							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	•	1	0	0	0	1 Each	
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
229 Scour		Underwater Inspection 9/13/17: 4 Matthew. (PRIORITY MAINTENA		ane	4	1	4 Each	

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Steel piles not visible.

Bent 6		Pile 5						
Other	Pile							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other P	ile	1	0	0	0	1 Each	
Element Number	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
229 Sc	cour	Underwater Inspection 9/13/17: 4 Matthew. (PRIORITY MAINTENA	•	ine	4	1	4 Each	

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Steel piles not visible.

Ber	t 6		Pi	le 6						
Oth	er Pile									
	ment nber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229		Other Pile			1	0	0	0	1 Eac	ch
Elemer	Dofoot	Туре	[Defect Description			cs	CS Qty	Maint Qty	
229	Scour		Underwater Inspection Matthew. (PRIORITY N			ane	4	1	4 E	Each

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Steel piles not visible.

Ber	nt 6		I	Pile 7						
Oth	er Pil	е								
	ment mber	Other Pi	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty 1 Each	
Elemer Numbe		Defect Type		Defect Description	n		cs	CS Qty	Maint Qty	
229	Scoul	r	Underwater Inspection Matthew. (PRIORITY			ane	4	1	4 Each	

General Comments

H-piles encased in concrete. General condition is water abrasion with coarse aggregate exposed 1/16in. to 1/4in. loss of facial concrete.

Steel piles not visible.

Bent 7		Cap 1						
Reinford	ced Concrete Pier Cap							
Element Number	Element N	lame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pie	er Cap	32	32	0	0	0 Feet	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

3' HORIZONTAL CRACK UP TO 1/16", TOP OF SOUTH FACE, BELOW BEAM 3. - REPAIRED WITH NEW SEALANT

 3° HORIZONTAL CRACK UP TO $1/32^{\circ}$, WITH A 48° X 4° DELAMINATION, TOP OF SOUTH FACE, BELOW BEAM 2. - REPAIRED WITH NEW SEALANT

38" HORIZONTAL CRACK UP TO 1/16" WITH A 40" X 12" X 6" DELAMINATION, TOP OF SOUTH FACE, BELOW BEAM 3. - REPAIRED WITH NEW SEALANT

Bent 7	7	Pile 1					
Other	Pile						
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
229	Other P	Pile	1	0	1	0	0 Each
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty
229 Da	amage	NEW REPAIR 8 FT HIGH X 1 FT PATCH IN WEST FACE.	WIDE SOUND CONC	CRETE	2	1	1 Each

General Comments

1' OF HAIRLINE MAP CRACKING, NORTH FACE. - NOT OBSERVED

Bent 7		Pile 2						
Other I	Pile							
Elemen Numbe	r	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
229	Other Pil	e	1	0	0	1	0	Each
lement umber	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
229 De	lamination/Spall	5 FT HIGH X 2 FT WIDE AREA C NORTH FACE, STARTING AT CA		RETE IN	3	1		1 Each
229 Cr	acking	1 FT WIDE X 1 FT HIGH AREA C CRACKING, NORTH AND SOUT			2			Each

General Comments

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1587
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 1	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	51
Span 1	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	51
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1416
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1579
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 2	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	50
Span 2	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	50
Span 2	Expansion Joint	Standard Joint	Pourable Joint Seal	28
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1558
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 3	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	50
Span 3	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	50
Span 3	Expansion Joint	Standard Joint	Pourable Joint Seal	28
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1

Location	Name	Component	Element Name	Amount
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1579
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 4	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	50
Span 4	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	50
Span 4	Expansion Joint	Standard Joint	Pourable Joint Seal	28
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1579
Span 5	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 5	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 5	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 5	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 5	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	50
Span 5	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	50
Span 5	Expansion Joint	Standard Joint	Pourable Joint Seal	28
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 6	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1579
Span 6	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 6	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 6	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 6	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 6	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	50
Span 6	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	50
Span 6	Expansion Joint	Standard Joint	Pourable Joint Seal	28
Span 6	Near Bearing	Other Bearing	Other Bearings	1
Span 6	Far Bearing	Other Bearing	Other Bearings	1

Location	Name	Component	Element Name	Amount
Span 6	Near Bearing	Other Bearing	Other Bearings	1
Span 6	Far Bearing	Other Bearing	Other Bearings	1
Span 6	Near Bearing	Other Bearing	Other Bearings	1
Span 6	Far Bearing	Other Bearing	Other Bearings	1
Span 6	Near Bearing	Other Bearing	Other Bearings	1
Span 6	Far Bearing	Other Bearing	Other Bearings	1
Span 7	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1579
Span 7	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 7	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 7	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 7	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 7	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	50
Span 7	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	50
Span 7	Expansion Joint	Standard Joint	Pourable Joint Seal	28
Span 7	Near Bearing	Other Bearing	Other Bearings	1
Span 7	Far Bearing	Other Bearing	Other Bearings	1
Span 7	Near Bearing	Other Bearing	Other Bearings	1
Span 7	Far Bearing	Other Bearing	Other Bearings	1
Span 7	Near Bearing	Other Bearing	Other Bearings	1
Span 7	Far Bearing	Other Bearing	Other Bearings	1
Span 7	Near Bearing	Other Bearing	Other Bearings	1
Span 7	Far Bearing	Other Bearing	Other Bearings	1
Span 8	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1587
Span 8	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 8	Beam 2	Plate Girder	Steel Open Girder/Beam	50
Span 8	Beam 3	Plate Girder	Steel Open Girder/Beam	50
Span 8	Beam 4	Plate Girder	Steel Open Girder/Beam	50
Span 8	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	51
Span 8	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	51
Span 8	Expansion Joint	Standard Joint	Pourable Joint Seal	28
Span 8	Expansion Joint	Standard Joint	Pourable Joint Seal	28
Span 8	Near Bearing	Other Bearing	Other Bearings	1
Span 8	Far Bearing	Other Bearing	Other Bearings	1
Span 8	Near Bearing	Other Bearing	Other Bearings	1
Span 8	Far Bearing	Other Bearing	Other Bearings	1
Span 8	Near Bearing	Other Bearing	Other Bearings	1
Span 8	Far Bearing	Other Bearing	Other Bearings	1
Span 8	Near Bearing	Other Bearing	Other Bearings	1
Span 8	Far Bearing	Other Bearing	Other Bearings	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	32
Bent 1	Pile 1	Other Pile	Other Pile	1
Bent 1	Pile 2	Other Pile	Other Pile	1
Bent 1	Pile 3	Other Pile	Other Pile	1
Bent 1	Pile 4	Other Pile	Other Pile	1
Bent 1	Pile 5	Other Pile	Other Pile	1

Location	Name	Component	Element Name	Amount
Bent 1	Pile 6	Other Pile	Other Pile	1
Bent 1	Pile 7	Other Pile	Other Pile	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	33
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	32
Bent 2	Pile 1	Other Pile	Other Pile	1
Bent 2	Pile 2	Other Pile	Other Pile	1
Bent 2	Pile 3	Other Pile	Other Pile	1
Bent 2	Pile 4	Other Pile	Other Pile	1
Bent 2	Pile 5	Other Pile	Other Pile	1
Bent 2	Pile 6	Other Pile	Other Pile	1
Bent 2	Pile 7	Other Pile	Other Pile	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	33
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	32
Bent 3	Pile 1	Other Pile	Other Pile	1
Bent 3	Pile 2	Other Pile	Other Pile	1
Bent 3	Pile 3	Other Pile	Other Pile	1
Bent 3	Pile 4	Other Pile	Other Pile	1
Bent 3	Pile 5	Other Pile	Other Pile	1
Bent 3	Pile 6	Other Pile	Other Pile	1
Bent 3	Pile 7	Other Pile	Other Pile	1
Bent 4	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	32
Bent 4	Pile 1	Other Pile	Other Pile	1
Bent 4	Pile 2	Other Pile	Other Pile	1
Bent 4	Pile 3	Other Pile	Other Pile	1
Bent 4	Pile 4	Other Pile	Other Pile	1
Bent 4	Pile 5	Other Pile	Other Pile	1
Bent 4	Pile 6	Other Pile	Other Pile	1
Bent 4	Pile 7	Other Pile	Other Pile	1
Bent 5	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	32
Bent 5	Pile 1	Other Pile	Other Pile	1
Bent 5	Pile 2	Other Pile	Other Pile	1
Bent 5	Pile 3	Other Pile	Other Pile	1
Bent 5	Pile 4	Other Pile	Other Pile	1
Bent 5	Pile 5	Other Pile	Other Pile	1
Bent 5	Pile 6	Other Pile	Other Pile	1
Bent 5	Pile 7	Other Pile	Other Pile	1
Bent 6	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	32
Bent 6	Pile 1	Other Pile	Other Pile	1
Bent 6	Pile 2	Other Pile	Other Pile	1
Bent 6	Pile 3	Other Pile	Other Pile	1
Bent 6	Pile 4	Other Pile	Other Pile	1
Bent 6	Pile 5	Other Pile	Other Pile	1
Bent 6	Pile 6	Other Pile	Other Pile	1

Location	Name	Component	Element Name	Amount
Bent 6	Pile 7	Other Pile	Other Pile	1
Bent 7	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	32
Bent 7	Pile 1	Other Pile	Other Pile	1
Bent 7	Pile 2	Other Pile	Other Pile	1
Bent 7	Pile 3	Other Pile	Other Pile	1
Bent 7	Pile 4	Other Pile	Other Pile	1
Bent 7	Pile 5	Other Pile	Other Pile	1
Bent 7	Pile 6	Other Pile	Other Pile	1
Bent 7	Pile 7	Other Pile	Other Pile	1

Bent 5 Cap 1

24" X 16" DELAMINATION, TOP OF SOUTH FACE, BELOW BEAM 3. - REPAIRED SINCE PREVIOUS INSPECTION BY TOP SEALANT.

7' X 1" X 1" DELAMINATION/SPALL ALONG BOTTOM NORTH CORNER, FROM PILE 3 TO PILE 4. - NOT OBSERVED

Bent 7 Cap 1

3' HORIZONTAL CRACK UP TO 1/16", TOP OF SOUTH FACE, BELOW BEAM 3. - REPAIRED WITH NEW SEALANT

3' HORIZONTAL CRACK UP TO 1/32", WITH A 48" X 4" DELAMINATION, TOP OF SOUTH FACE, BELOW BEAM 2. - REPAIRED WITH NEW SEALANT

38" HORIZONTAL CRACK UP TO 1/16" WITH A 40" X 12" X 6" DELAMINATION, TOP OF SOUTH FACE, BELOW BEAM 3. - REPAIRED WITH NEW SEALANT

Span 1 Beam 1

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

20% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 1 Beam 2

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 1 Beam 3

2' OF RUST SCALE ALONG BOTTOM FLANGE, AT BENT 1. - - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

10% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 2 Beam 2

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

15% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 2 Beam 3

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

10% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 2 Beam 4

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

20% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

1' OF RUST SCALE ALONG BOTTOM FLANGE, AT BENT 1. - - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

8" X 12" X 6" DELAMINATION, END DIAPHRAGM OUTSIDE BEAM 4, AT BENT 2 - NOT OBSERVED

Span 3

Beam 2

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

20% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 3

Beam 3

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

15% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 3

Beam 4

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

35% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 4

Beam 1

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

20% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 4

Beam 2

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 4

Beam 3

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 4

Beam 4

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

10% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW

PAINT SINCE PREVIOUS INSPECTION

Span 5 Beam 2

Span 5 Beam 4

10% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 6 Beam 1

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

1' OF RUST SCALE ALONG BOTTOM FLANGE AT BENT 6. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION.

Span 6 Beam 2

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 6 Beam 4

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 7 Beam 1

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 7 Beam 2

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

10% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 7 Beam 3

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

25% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW

PAINT SINCE PREVIOUS INSPECTION

Span 7 Beam 4

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

15% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 8 Beam 1

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

10% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 8 Beam 2

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

20% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 8 Beam 3

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

15% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

Span 8 Beam 4

FRECKLED RUST AT RANDOM ALONG WEB AND FLANGES, IN AREAS OF PAINT PEEL. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

20% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT WEB AND FLANGES. - NOT OBSERVED, NEW PAINT SINCE PREVIOUS INSPECTION

National Bridge and NC Inspection Items

Structure Number: 500101 Inspection Date: 06/26/2019

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	5
Item 59: Superstructure	0 - 9 , N	6
Item 60: Substructure	0 - 9 , N	4
Item 61: Channel and Channel Protection	0 - 9 , N	4
Item 62: Culvert	0 - 9 , N	N
Item 71: Waterway Adequacy	0 - 9 , N	7
Item 72: Approach Roadway Alignment	0 - 9 , N	8

Note: If NBI Inspection Item is not present, code NBI item with "N"

NC SMU Inspection Items

ltem	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	G	0	3376
Drainage System	G, F, P, or C	F	804	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	F	1000	3352
Scour	G, F, P, or C	Р		
Wingwall	G, F, P, or C	F	60	3350
Field Scour Evaluation		Р		
Drift	G, F, P, or C	G	0	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Superstructure Paint Code		U		

Note: If NC SMU Insepction Item is not present, leave NC SMU item blank

Inspection Information

ltem	Grade Scale	Grade
Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Υ
Inspection Time	Hours	10
Traffic Control Time	Hours	7
Snooper Time	Hours	4
Ladder Used	YES/NO	N
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N

National Bridge and NC SMU Inspection Item Details

Structure Number: 500101 Inspection Date: 06/26/2019 Item Deck - Item 58 Grade 5 **Maint Code Qty.** 0 **Details NEW LMC OVERLAY** Superstructure - Item 59 Grade 6 **Maint Code Qty.** 0 Details NEW PAINT TO THE BEAMS AND BEARINGS SINCE PREVIOUS INSPECTION. Item Substructure - Item 60 Grade 4 Maint Code Qty. 0 Details SUBSTRUCTURE IS IN POOR CONDITION DUE TO SCOUR AT BENTS 3, 4, 5, AND 6. POST HURRICANE MATTHEW UNDERWATER INSPECTION REPORT DATED 9/13/2017 INDICATES SCOUR AT BENT 3 PILES AND SCOUR WITH EXPOSED STEEL PILES AT BENTS 4, 5, AND 6. NEW EPOXY SEALING ON TOP OF END BENTS AND BENT CAPS. Channel and Channel Protection - Item 61 Item Grade 4 Maint Code **Qty.** 0 Details POST HURRICANE MATTHEW UNDERWATER INSPECTION REPORT DATED 9/13/2017 RATES 4 DUE TO CHANNEL CONTRACTION SCOUR. SOUNDINGS INDICATE UP TO 5 FT OF AGGRADATION IN THE CHANNEL AT UPSTREAM OF BENT 5. Item Drainage System Grade F Maint Code 3332 Qtv. 804 Details ONE BROKEN DRAIN PIPE AND THREE (3) PARTIALLY BROKEN DRAIN PIPES IN SPAN 1 RIGHT OVERHANG. ONE DRAIN BROKEN OFF AND TWO (2) PARTIALLY BROKEN DRAIN PIPES IN SPAN 6, LEFT OVERHANG. Item Slope Protection Grade F Maint Code 3352 **Qty.** 1000 Details 20 FT WIDE X 50 FT LONG X UP TO 5 FT HIGH AREA OF EROSION IN THE SLOPE UNDER SPAN 7. UP TO 2 FT OF EROSION ALONG THE PILES AT BENT 1. Grade P Item Scour Maint Code Qty. 0 Details POST HURRICANE MATTHEW UNDERWATER INSPECTION REPORT DATED 9/13/2017 INDICATES SCOUR AT BENT 3 PILES AND SCOUR WITH EXPOSED STEEL PILES AT BENTS 4, 5, AND 6. Item Wingwalls Grade F Maint Code 3350 **Qty.** 60 Details HEAVY VEGETATION ON SOUTHEAST, NORTHEAST, AND NORTHWEST WINGWALL. Grade P Item Field Scour Evaluation **Maint Code** Qtv. 0 Details POST HURRICANE MATTHEW UNDERWATER INSPECTION REPORT DATED 9/13/2017 RATES FIELD SCOUR EVALUATION AS " P AS PER REFERENCE TO THE PILE TIP ELEVATION DATA SHEET." Item General Comments and Misc Items **Qty**. 0 Details GUARDRAIL IS CONTINUOUS AT NORTHEAST, NORTHWEST, AND SOUTHEAST CORNERS

UP TO 0.03 IN WIDE X 12 FT LONG LONGITUDINAL CRACK IN NORTH APPROACH LOCATED IN RIGHT TRAVEL LANE TO THE RIGHT OF CENTERLINE.

DOWNSTREAM READINGS FROM 2018 WERE USED IN INSPECTIONS STREAMBED PROFILE SINCE READINGS COULD NOT BE OBTAINED DUE TO ACCESS.



Span 1 Deck: UP TO 1 FT WIDE X 9 IN LONG X UP TO 1 IN DEEP SPALL WITH EXPOSED REINFORCEMENT IN RIGHT OVERHANG, LOCATED AT THIRD DRAIN PIPE. 80% SECTION REMAINING IN EXPOSED REINFORCEMENT.



ONE BROKEN DRAIN PIPE AND THREE (3) PARTIALLY BROKEN DRAIN PIPES IN SPAN 1 RIGHT OVERHANG.



Span 1 Deck: 5 FT WIDE X 1 FT HIGH SOUND CONCRETE PATCH IN BAY 3 END DIAPHRAGM, AT BENT 1.

PATCH EXHIBITS A HAIRLINE X 1 FT LONG CRACK IN BOTTOM RIGHT CORNER.



Span 1 Beam 4: 5 IN LONG X 5 IN WIDE AREA OF HEAVY SURFACE CORROSION BENEATH THE PAINTED SURFACES IN BOTTOM FLANGE OF LEFT FLANGE ABOVE BEARING AT BENT 1. UP TO 0.8 IN SECTION REMAINING.



Span 1 Beam 4 Far Bearing: SECTION LOSS IN THE RIGHT ANCHOR BOLT. 75% SECTION REMAINING.



NEW EPOXY SEAL ON TOP OF BENT 1 CAP. TYPICAL ON TOP OF ALL BENTS AND BOTH END BENTS.



Span 1 Deck: 4 FT LONG X 8 IN HIGH SOUND CONCRETE PATCH IN BAY 2 END DIAPHRAGM, AT BENT 1.



Span 1 Left Bridge Rail: 15 FT LONG AREA OF SOUND CONCRETE PATCHING TO CONCRETE RAIL, BEGINNING AT 15 FT FROM END BENT 1. PREVIOUS REPAIR.



Span 2 Deck: 82 IN WIDE X 1 FT HIGH SOUND CONCRETE PATCH AREA, BAY 2 END DIAPHRAGM, AT BENT 1.



Span 2 Deck: UP TO 1.5 FT WIDE X 4 IN LONG X UP TO 2 IN DEEP SPALL IN DIAPHRAGM IN BAY 3 AT BENT 1.



Span 2 Beam 3 Far Bearing: WELDED BEARING REPAIR WITH ANCHOR ROD. TYPICAL AT BEAMS 1, 2, AND 4.



Span 2 Deck: 9 FT LONG X 1 FT HIGH CONCRETE PATCH, BAY 2 END DIAPHRAGM, AT BENT 2. PATCH EXHIBITS UP TO 1/8 IN WIDE X 5 FT LONG CRACK IN THE BOTTOM FACE WITH A 5 FT LONG X 5 IN WIDE UNSOUND CONCRETE AND UP TO 0.02 IN WIDE VERTICAL CRACKS IN FRONT FACE, SCATTERED.



NEW REPAIR TO SPAN 2 BEAM 1 BEAM END IN BOTH FACES OF THE WEB ABOVE BENT 2.



Span 2 Beam 1: 10 IN LONG X 5 IN WIDE AREA OF SECTION LOSS BENEATH THE PAINTED SURFACE ABOVE THE BEARING AT BENT 2. 0.60 IN SECTION REMAINING (PAR).



Span 3 Deck: 3 FT LONG X 6 IN HIGH UNSOUND CONCRETE PATCH WITH EXPOSED REINFORCEMENT. 90% SECTION REMAINING IN EXPOSED REINFORCEMENT.



Span 3 Deck: 32 IN LONG X 1 FT HIGH SOUND CONCRETE PATCHES IN PATCHED AREA, BAY 1 END DIAPHRAGM, AT BENT 2.



Span 3 Deck: 7 FT LONG X 6 IN HIGH SOUND CONCRETE PATCH IN BAY 2 END DIAPHRAGM, AT BENT 2.



Span 2 Deck: 9 FT LONG X 1 FT HIGH SOUND CONCRETE PATCH, BAY 2 END DIAPHRAGM, AT BENT 2. PATCH EXHIBITS UP TO 1/8 IN WIDE X 5 FT LONG CRACK IN THE BOTTOM FACE WITH A 5 FT LONG X 5 IN WIDE UNSOUND CONCRETE AND UP TO 0.02 IN WIDE VERTICAL CRACKS IN FRON FACE, SCATTERED.



Span 3 Deck: NEW REPAIR: 9 FT LONG X 1 FT HIGH SOUND CONCRETE PATCH IN BAY 3 AT BENT 2.



Span 2 Deck: NEW REPAIR: 3 FT WIDE X 1 FT HIGH SOUND CONCRETE PATCH IN OVERHANG IN EAST FACE AT BENT 2 AND A 1 FT WIDE X 2 FT HIGH SOUND CONCRETE PATCH IN DIAPHRAGM OUTSIDE OF BEAM 4 AT BENT 2.



Bent 3 Pile 7: 5 FT HIGH X UP TO 6 IN WIDE CONCRETE PATCH WITH HAIRLINE VERTICAL CRACKS IN EAST FACE, LOCATED AT 4 FT BELOW THE CAP.



Bent 3 Pile 7: 4 FT HIGH X 4 IN WIDE SPALL WITH EXPOSED REINFORCEMENT IN EAST FACE. 90% SECTION REMAINING IN EXPOSED REINFORCEMENT (PAR).



Span 3 Deck: UP TO 0.03 IN WIDE TRANSVERSE AND RANDOM CRACKING IN DECK UNDERSIDE IN ALL BAYS, SCATTERED THROUGHOUT. BAY 3 SHOWN IN PHOTO.



Span 3 Beam 1: 2 FT LONG X 5 IN WIDE AREA OF BOTTOM FLANGE HAS SECTION LOSS BENEATH THE PAINTED SURFACE, LOCATED AT 2 FT FROM BEAM END AT BENT 3. 0.74 IN SECTION REMAINING.



Span 3 Beam 1: 3.3 FT LONG X UP TO 5 IN HIGH AREA OF RIGHT FACE OF THE WEB AT 1.25 FT FROM BEAM END AT BENT 3 EXHIBITS SECTION LOSS BENEATH THE PAINTED SURFACE. UP TO 0.575 IN SECTION REMAINING.



Span 4 Deck: 2.5 FT LONG X 6 IN HIGH SOUND CONCRETE PATCH WITH HAIRLINE VERTICAL CRACKS IN BAY 1 ABOVE BENT 3.



Span 4 Deck: 4 FT LONG X 6 IN HIGH SOUND CONCRETE PATCH WITH HAIRLINE VERTICAL CRACKS IN BAY 2 AT BENT 3.



Bent 4 Pile 1: 5 FT LONG X 0.02 IN WIDE VERTICAL CRACK, SOUTH FACE BEGINNING AT CAP.



Span 4 Right Bridge Rail: 1.5 FT LONG X 9 IN HIGH X UP TP 1.5 IN DEEP SPALL IN EXTERIOR FACE OF RAIL, LOCATED AT MID SPAN.



Span 4 Deck: 7 FT LONG X 2 FT LONG AREA OF HONEYCOMBING LOCATED AT MID SPAN.



Span 4 Deck: 2 IN WIDE X 7 IN LONG X UP TO 2 IN DEEP SPALLS AND HONEYCOMBING WITH EXPOSED REBAR IN BOTTOM OF DIAPHRAGM IN BAY 1 AT BENT 4. NO MEASUREABLE SECTION LOSS IN EXPOSED REINFORCEMENT.



Span 5 Deck: 6 FT LONG X 3 FT WIDE X UP TO 3/4 IN DEEP AREA OF HONEYCOMBING IN BAY 3 NEAR BENT 5.



Span 5 Deck: NEW REPAIR: 8 FT LONG X 6 IN HIGH SOUND CONCRETE PATCH IN BAY 2 END DIAPHRAGM, AT BENT 5.



Bent 5 Pile 1: ABRASION WITH COARSE AGGREGATE EXPOSED 1/16 IN TO 1/4 IN LOSS OF FACIAL CONCRETE.



Span 6 Deck: NEW REPAIR: 28 IN LONG X 1 FT HIGH SOUND CONCRETE PATCH IN BAY 2 END DIAPHRAGM, A1 BENT 5. PATCH EXHIBITS HAIRLINE VERTICAL CRACKING, SCATTERED.



Span 6 Deck: NEW REPAIR: 12 IN DIAMETER SOUND CONCRETE PATCH IN EAST OVERHANG AT DRAIN ONE.



Span 6 Deck: NEW REPAIR: 18 IN DIAMETERE SOUND CONCRETE PATCH IN EAST OVERHANG BETWEEN 5TH AND 6TH DECK DRAINS.



Span 6 Deck: 2.5 FT WIDE X 10 IN LONG X UP TO 6 IN HIGH AREA OF UNSOUND CONCRETE AND SPALL UP TO 2 IN DEEP WITH EXPOSED REINFORCEMENT IN BAY 3 END DIAPHRAGM AT BENT 7. NO MEASUREABLE SECTION LOSS IN EXPOSED REINFORCEMENT.



Bent 6 Cap 1: 2 FT LONG X 17 IN HIGH PATCHED AREA, TOP OF SOUTH FACE, BELOW BEAM 3.



Span 6 Deck: 12 IN WIDE X 9 IN LONG X 14 IN HIGH IN SOUTH FACE SPALL UP TO 3.5 IN DEEP WITH EXPOSED REINFORCEMENT IN BAY 2 AT BENT 6. NO MEASUREABLE SECTION LOSS IN EXPOSED REINFORECEMENT.



Span 6 Beam 3: UP TO 11 IN HIGH X 10 IN LONG AREA OF SECTION LOSS IN THE WEB BENEATH THE PAINTED SURFACE AT BEAM END AT BENT 6. 0.575 IN SECTION REMAINING.



DECK DRAINS ALONG LEFT BRIDGE RAIL IN SPAN 6. ONE DRAIN BROKEN OFF AND TWO (2) PARTIALLY BROKEN.



Span 6 Deck: NEW REPAIR: 2 FT HIGH X 1 FT WIDE SOUND CONCRETE PATCH IN END DIAPHRAGM OUTSIDE BEAM 1 AT BEAM 6.



Span 7 Deck: 75 SQ FT OF PATCHED AREA, UNDERSIDE OF DECK, AT RANDOM THROUGHOUT ALL BAYS. PHOTO SHOWS BAYS 1 AND 2.



Span 7 Deck: NEW REPAIR: 6 FT LONG X 12 IN HIGH SOUND CONCRETE PATCH BOTTOM OF BAY 3 END DIAPHRAGM, NEXT TO BEAM 3, AT BENT 6. PATCH EXHIBITS UP TO 0.03 IN WIDE VERTICAL CRACKS, SCATTERED.



Span 7 Deck: NEW REPAIR: 18 IN DIAMETER SOUND CONCRETE PATCH IN EAST OVERHANG AT THIRD DRAIN PIPE.



Span 7 Deck: 24 IN LONG X 2 FT WIDE X 2 IN DEEP DELAMINATION/SPALL WITH EXPOSED REINFORCING, UNDERSIDE OF EAST OVERHANG AT 2/3 POINT. NO MEASUREABLE SECTION LOSS IN EXPOSED REINFORCEMENT.



Span 7 Deck: 7 FT LONG X 1 FT HIGH SOUND CONCRETE PATCH IN INTERMEDIATE DIAPHRAGM IN BAY 3 AT BENT 7.



Span 7 Deck: NEW REPAIR: 2 FT HIGH X 1 FT WIDE SOUND CONCRETE PATCH IN DIAPHRAGM OUTSIDE BEAM 4 AT BENT 7.



Span 7 Deck: 7 FT LONG X 1 FT HIGH SOUND CONCRETE PATCH IN INTERMEDIATE DIAPHRAGM IN BAY 3 AT BENT 7.



20 FT WIDE X 50 FT LONG X UP TO 5 FT HIGH AREA OF EROSION IN THE SLOPE UNDER SPAN 7.



Span 7 Deck: NEW REPAIR 2 FT HIGH X 1 FT WIDE SOUND CONCRETE PATCH IN DIAPHRAGM OUTSIDE BEAM 4 AT BENT 7.



Span 7 Beam 2 Far Bearing: BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS REMAINS BENEATH THE PAINTED SURFACES. UP TO 80% SECTION REMAINING IN BOTH MASONRY AND SOLE PLATES.



Bent 7 Pile 1: NEW REPAIR 8 FT HIGH X 1 FT WIDE SOUND CONCRETE PATCH IN WEST FACE.



NEW APPROACH PAVEMENT IN NORTH APPROACH. TYPICAL IN SOUTH APPROACH.



Span 8 Left Bridge Rail: 8 IN WIDE X 8 IN HIGH X UP TO 3 IN DEEP SPALL WITH EXPOSED REINFORCEMENT IN TOP OF RAIL AT FIRST RAIL JOINT FROM END BENT 2. 90% SECTION REMAINING IN EXPOSED REINFORCEMENT.



Span 3 Left Bridge Rail: TWO (2) SPALLS UP TO 8 IN IN DIAMETER X 1 IN DEEP WITH EXPOSED REINFORCEMENT IN BOTTOM OF CURB AT 6 FT AND 10 FT FROM BENT 3 JOINT. NO MEASUREABLE SECTION LOSS IN EXPOSED REINFORCEMENT.



2 FT WIDE X 8 IN LONG X UP TO 5 IN DEEP SPALL IN THE TOP OF WINGWALL AT SOUTHWEST CORNER.



Span 6 Left Bridge Rail: MODERATE TO HEAVY IMPACT DAMAGE WITH UP TO 5 IN DEFLECTION TOWARDS WEST TO THE SUPPLEMENTAL BRIDGE RAIL FOR 20 FT LONG STARTING AT BENT 6. TWO (2) SPACER BLOCKS CONNECTING THE GUARDRAIL TO POSTS ARE PARTIALLY CRUSHED.



Span 6 Left Bridge Rail: MODERATE TO HEAVY IMPACT DAMAGE WITH UP TO 5 IN DEFLECTION TOWARDS WEST TO THE SUPPLEMENTAL BRIDGE RAIL FOR 20 FT LONG STARTING AT BENT 6. TWO (2) SPACER BLOCKS CONNECTING THE GUARDRAIL TO POSTS ARE PARTIALLY CRUSHED.



End Bent 1 Abutment/Backwall : UP TO 0.03 IN WIDE RANDOM CRACKING IN BACKWALL FOR FULL LENGTH.



UP TO 2 FT OF EROSION ALONG THE PILES AT BENT 1.

Stream Bed Soundings (Profile diagram on following sheet)

JOHNSTON Structure Number: 500101 Inspection Date 06/26/2019 County

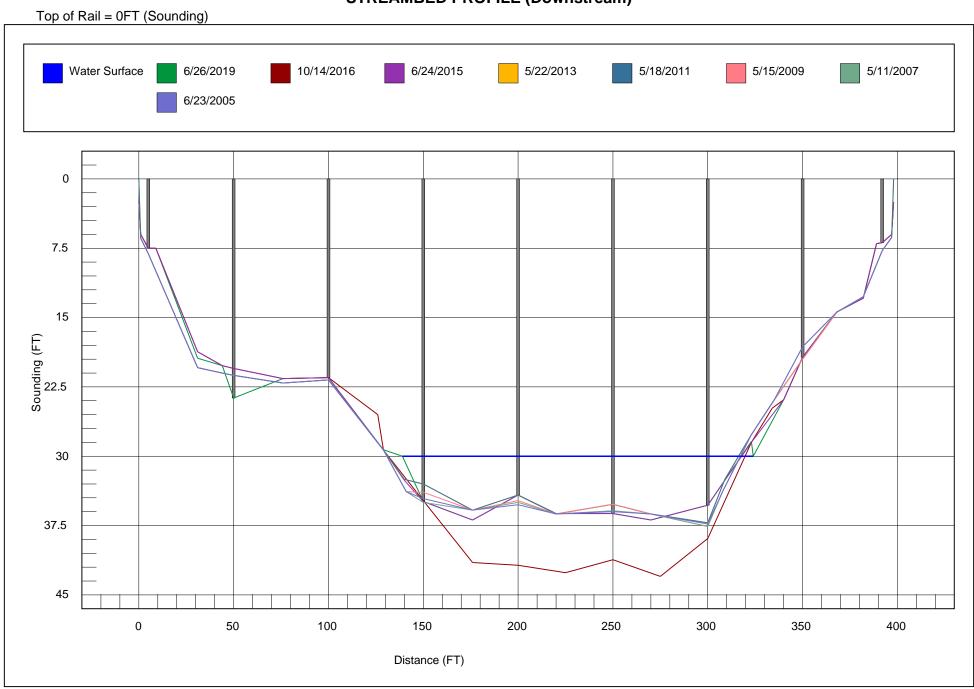
Sounding recorded from: Top of Bridge Rail

Highwater Mark Distance Location of Highwater Mark NONE DETECTED

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	2.500	0.000	TOP OF RAIL
1.000	6.000	0.000	TOP OF CAP
5.000	7.500	7.300	END BENT 1
9.000	7.500	0.000	
31.000	19.400	0.000	TOE OF SLOPE
44.000	20.200	0.000	
50.000	23.700	22.700	BENT 1
76.000	21.600	0.000	
100.000	21.500	23.400	BENT 2
129.000	29.300	0.000	
139.000	30.000	0.000	WSWE
150.000	34.900	34.000	BENT 3
176.000	36.900	0.000	
200.000	34.200	36.300	BENT 4
220.000	36.200	0.000	
250.000	36.200	40.900	BENT 5
270.000	36.900	0.000	
300.000	35.300	39.400	BENT 6
323.000	28.400	0.000	
324.000	30.000	30.000	WSWE
340.000	23.900	0.000	
350.000	19.300	16.900	BENT 7
368.000	14.400	0.000	
382.000	12.900	0.000	
389.000	7.000	0.000	
392.000	6.900	6.900	END BENT 2
397.000	6.000	0.000	TOP OF CAP
398.000	2.500	0.000	TOP OF RAIL

Bridge: 500101 County: JOHNSTON Date: 06/26/2019

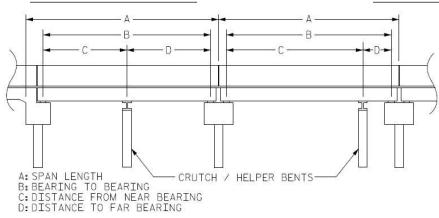
STREAMBED PROFILE (Downstream)



Structure Data Worksheet

Span Profile

County: **JOHNSTON** Structure Number: 500101



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	50.250	48.500			
2	50.000	49.000			
3	50.000	49.000			
4	50.000	49.000			
5	50.000	49.000			
6	50.000	49.000			
7	50.000	49.000			
8	50.250	48.500			



SNOOPER USED



TRAFFIC CONTROL USED



SLOPE PROTECTION AT END BENT 1



SOUTHWEST WINGWALL



INTERMEDIATE DIAPHRAGM IN SPAN 1 BAY 2



SOUTHEAST WINGWALL. NOTE HEAVY VEGETATION.



BEARINGS AT BENT 1 BEAM 2



BENT 2 PROFILE. OTHER INTERIOR BENTS SIMILAR.



SUPERSTRUCTURE UNDERSIDE SPAN 2. NOTE NEW PAINT.



BOTTOM FLANGE COVERPLATE CONNECTION AT BEAM 3 SPAN 3. TYPICAL IN BEAMS 2 AND 3 IN ALL SPANS.



NEW REPAIR TO SPAN 3 BEAM 1 BEAM END IN BOTH FACES OF THE WEB ABOVE BENT 3.



UPSTREAM FROM UNDER THE BRIDGE



DOWNSTREAM FROM UNDER THE BRIDGE



NEW REPAIR TO SPAN 5 BEAM 1 BEAM END IN BOTH FACES OF THE WEB ABOVE BENT 4.



BENT 4 PROFILE



WELDED REPAIR TO WEB BELOW END DIAPHRAGM, AT BENT 5.



SLOPE PROTECTION AT END BENT 2



NEW REPAIR TO SPAN 8 BEAM 1 BEAM END IN BOTH FACES OF THE WEB ABOVE BENT 7.



NORTHWEST WINGWALL. NOTE HEAVY VEGETATION GROWTH.



END DIAPHRAGM AT BENT 7 BAY 2



NORTHEAST WINGWALL. NOTE HEAVY VEGETATION.



END BENT 2 PROFILE



BACKWALL AND CAP AT END BENT 2 BAY 1



BEARING AT END BENT 2 BEAM 2. NOTE NEW PAINT.



WEST PROFILE



POST SPACING MID LENGTH NORTHWEST CORNER



POST SPACING MID LENGTH NORTHEAST CORNER



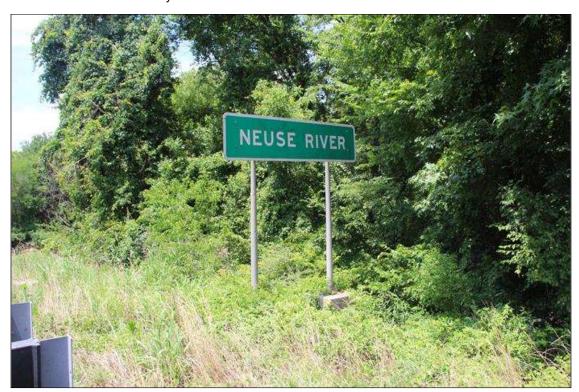
POST SPACING AT BRIDGE NORTHEAST CORNER



POST SPACING AT BRIDGE NORTHWEST CORNER



LOOKING SOUTH



FEATURE INTERSECTED SIGN AT NORTHEAST CORNER



RIGHT BRIDGE RAIL



LEFT BRIDGE RAIL



BRIDGE PLAQUE AT NORTHWEST CORNER. TYPICAL AT SOUTHEAST CORNER.



LEFT BRIDGE RAIL LOOKING SOUTH



DECK JOINT AT END BENT 2. TYPICAL AT END BENT 1.



NORTH APPROACH SLAB



DECK DRAINS ALONG LEFT BRIDGE RAIL IN SPAN 8. TYPICAL ALONG BOTH BRIDGE RAILS AND IN ALL SPANS.



NORTH APPROACH



DECK JOINT AT BENT 7. TYPICAL AT ALL INTERIOR BENTS.



TOP OF DECK. NEW LMC OVERLAY SINCE PREVIOUS INSPECTION.



DOWNSTREAM LOOKING WEST



SOUTH APPROACH



POST SPACING AT BRIDGE SOUTHEAST CORNER



POST SPACING AT BRIDGE SOUTHWEST CORNER



SOUTH APPROACH SLAB. NEW SINCE PREVIOUS INSPECTION. NOTE NEW ASPHALT PAVEMENT IN SOUTH APPROACH.



LOOKING NORTH



GUARDRAIL END TERMINAL AT SOUTHEAST CORNER



END BENT 1 PROFILE



EAST PROFILE

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

County JOHNSTON Bridge: 500101 Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 1: 10 IN LONG X 5 IN WIDE AREA OF SECTION LOSS BENEATH THE PAINTED SURFACE ABOVE THE BEARING AT BENT 2. 0.60 IN SECTION REMAINING (PAR).	
3348	Maintain Concrete Substructure Components	LF	1	Bent 3 Pile 7: 4 FT HIGH X 4 IN WIDE SPALL WITH EXPOSED REINFORCEMENT IN EAST FACE. 90% SECTION REMAINING IN EXPOSED REINFORCEMENT (PAR).	



BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 500101 County JOHNSTON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Descri	otion		Quantity			
3314	Maintain Stee	Superstructure Components		1	LF		
Location:							
		Bent/Span No.					
Priority Level Status							
Priority Maint	tenance	Division Bridge Maintenance Noti	otification				
Submitted Da	ate: Submitte	ed By:	Assisted By:				
06/27/2019	RAGHU	JVEER SURAPANENI					
Details							
		G X 5 IN WIDE AREA OF SECTION 0.60 IN SECTION REMAINING (P	N LOSS BENEATH THE PAINTED S AR).	URFACE AI	3OVE		

MMS Code	MN	MS Description Quantity								
3348	Mai	ntain Cond	crete Substructure Components	ubstructure Components 1 Li						
Location:	Location:									
Bent/Span No.										
Priority Leve	el		Status							
Priority Maintenance			Division Bridge Maintenance Notification							
Submitted D	ate:	Submitte	d By:	Assisted By:						
06/27/2019		RAGHU	VEER SURAPANENI							
Details										
			4 IN WIDE SPALL WITH EXPOSEI REINFORCEMENT (PAR).	O REINFORCEMENT IN EAST FACE	E. 90% SEC	TION				

Bridge Inspection Field Sketch



Roadway	24ft Wide	2 Paved Lanes	Looking North
Left Shoulder	2.5ft Wide	2.5ft Paved	
Right Shoulder	1.5ft Wide	1.5ft Paved	
Left Guardrail	2.5ft from road		
Right Guardrail	1.5ft from road		

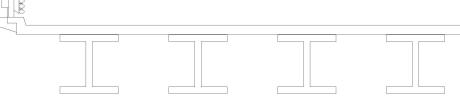
MEASURED AT OUTSIDE APPROACH SLAB AT NORTHWEST CORNER

MODIFIED BY RS ON 6/26/19

Title	Description					
APPROACH ROADWAY	- SBL	LOOKING SOUTH				
Bridge No: 500101	Drawn By: A. D. OSBORNE	[Date: 06/21/2005	File Name:S0154000026		

Bridge Inspection Field Sketch

Deck Width/Out to Out	Betwee	28.167ft				
Clear Roadway	28.167ft	Wearin	g Surface			0.146ft*
Median Width		Mediar				
Curb Height		Left	0.708ft**	Right	0.7	08ft**
Sidewalk Width	Left		Right			
Clear Roadway (Rail to Median)		Left		Right		
Guardrail Width		Left	2.667ft	Right	2.6	67ft
Top of Rail to Deck/Wearing Surface		Left	2.958ft	Right	2.9	58ft
Bridge Rail		Left	Type 33	Right	Тур	e 33



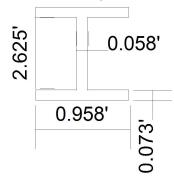
Measurements for Span #	1		
Deck Thickness	0.875'	Left Overhang	4.75'
Top of Rail to Bottom of Beam	6.5'	Right Overhang	4.75'

Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	8ft	
2	Steel I Beam	8ft	
3	Steel I Beam	8ft	
4	Steel I Beam	ft	

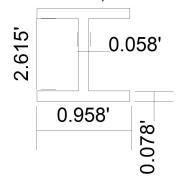
CHANGE IN BEAM SIZES, DECK WIDTH, OVERHANGS, TOP OF RAIL TO DECK, CURB HEIGHT, GUARDRAIL WIDTH, DECK THICKNESS, TOP OF RAIL TO BOTTOM OF BEAM, AND WEARING SURFACE

BEAMS 2&3 COVERPLATES = 26'-6" X 9" X 0.623"

BEAMS 2 & 3, ALL SPANS



BEAMS 1 & 4, ALL SPANS



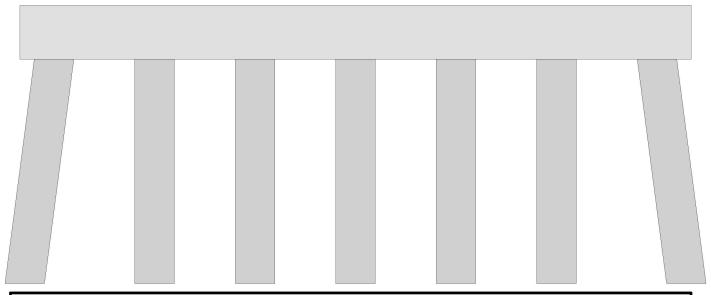
Title	MODIFIED BY RS ON 6/26/19	Description
TYPICA	LSECTION	4 - LINES STEEL I - BEAMS

Bridge No: 500101 Drawn By: A. D. OSBORNE Date: 06/21/2005 File Name: S0154000027

^{*} MINIMUM

^{** 0.5}FT MINIMUM AT NORTHWEST CORNER

Bridge Inspection Field Sketch



Cap Int	Cap Information Material Cast-in-Place Concrete											
Lengtl	h Width	Height	Left Over	eft Overhang Right Overhang Left Beam to End of Cap. Right Be		Beam to End of Cap.						
31.167	ft. 2.500 ft.	2.500 ft.	1.583	ft.	1.583 ft.		1.5	500 ft.		1.5	00 ft.	
Subcar												
Lengtl	h Width	Height	Left Overhang Right Overhang Left Pile to Splice.									
Sill Information Material												
Lengtl	h Width	Height										
Pile#	Material	Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replaceme	ent? R	Removed?	Collar?
1	Steel	4.667 ft.	1.833 ft.	1.833 ft		Batt	ered	Yes	No		No	No
2	Steel	4.667 ft.	1.833 ft.	1.833 ft		Ver	tical	Yes	No		No	No
3	Steel	4.667 ft.	1.833 ft.	1.833 ft		Ver	tical	Yes	No		No	No
4	Steel	4.667 ft.	1.833 ft.	1.833 ft		Ver	tical	Yes	No		No	No
5	Steel	4.667 ft.	1.833 ft.	1.833 ft		Vertical		Yes	No		No	No
6	Steel	4.667 ft.	1.833 ft.	1.833 ft		Ver	tical	Yes	No		No	No
7	Steel		1.833 ft.	1.833 ft		Batt	ered	Yes	No		No	No

NOTE: PILES ARE CONCRETE-ENCASED STEEL H-PILES

VERIFIED BY RS ON 6/25/19

Bent/Abutment #: 1 Similar Bents: BENT 2-6

TitleDescriptionSUBSTRUCTURELOOKING NORTH

Bridge No: 500101 Drawn By: Date: 06/22/2005 File Name: \$0018000412

