

ATTENTION: NEW REPAIRS, PAR, CHANGE IN STRUCTURAL DATA, HYDRA PLATFORM USED

Structure Safety Report

Routine Element Inspection - Contract

INSPECTION DATE: 06/15/2021

		114	DI LOTION DA	00/13/202	<u>'</u>				
DIVISION: 4	COUNTY: JO	HNSTON	STRUCT	URE NUMBER:	500100	FREG	UENCY:	24 MONT	HS
FACILITY CARRIED	: <mark>195N</mark>		I-95 NBL			MILE POST:	91.5		
LOCATION: 1.8MI.N	N.JCT.195,US3	01&701							
FEATURE INTERSE	CTED: NEUSE	RIVER							
LATITUDE: 35° 28	8' 38.94"		ONGITUDE:	78° 22' 4.39"					
SUPERSTRUCTURE	i:								
SUBSTRUCTURE:									
SPANS: 8 SPAN	S. SEE SPAN	PROFILE SHEET F	OR SPAN DE	ETAILS					
FRACTURE CR	ITICAL	TEMPORARY SHO	RING :	SCOUR CRITIC	CAL	SCOUR	PLAN OF	ACTION	
GRADES: (Inspecto	r/NBI Coding) D	ECK 7/7 SUP	ERSTRUCTU	RE <u>6/6</u>	SUBSTRUC	CTURE 4/4	CUL	VERT N/N	N
POSTED SV: Not	Posted			POSTED TTS	Γ: Not Pos	sted			
OTHER SIGNS PRES	SENT : (1) DE	LINEATOR, (1) NEU	JSE RIVER S	sign					
						Sign noticed issued for		I T LIMIT	Number Required
			A STATE OF THE PARTY.			NO	DELIN	EATORS	0
A	Mary Marks					NO	NARROV	V BRIDGE	0
					A	NO	ONE LAN	E BRIDGE	0
				PAJAN SA		NO	LOW CLE	EARANCE	0
	-						TION OF	S-N	
							ECTION ES PLANS	S	
LOOKING NORTH	1		anded the Constal Date						
INSPECTED BY VENKATA D.T. KOLL	_IPARA	SIGNATURE	P1L	arna Tijek	,	ASSISTED BY	KEITH G	. WAEGER	LE

IDENTIFICATION ————————————————————————————————————	500400	SUFFICIENCY RATING			48.2
(1) STATE NAME NORTH CAROLINA BRIDGE (8) STRUCTURE NUMBER (FEDERAL)	500100 1010100	STATUS =		Structurally De	
,	1000950		CLASSIFICATION		ODE
(2) STATE HIGHWAY DEPARTMENT DISTRICT	4	(112) NBIS BRIDGE SYSTEM	DEAGON TOATION		YE
(3) COUNTY CODE (FEDERAL) 101 (4) PLACE CODE	62520	(104) HIGHWAY SYSTEM	Inventory Rou	ute is on NHS	
(6) FEATURE INTERSECTED NEUSE RIVER		(26) FUNCTIONAL CLASS	Urban Principal Arteri		1
(7) FACILITY CARRIED		(100) STRAHNET HIGHWAY	Interstate STRA		•
(11) MILEPOINT	91.5	(101) PARALLEL STRUCTURE	The right structure of pa		
(12) BASE HIGHWAY NETWORK	1		The right structure of pa	=	
(13) LRS INVENTORY ROUTE & SUBROUTE	10095	(102) DIRECTION OF TRAFFIC	_	1-way traffic	
	22' 4.39"	(103) TEMPORARY STRUCTURE			
(98) BORDER BRIDGE STATE CODE PERCENT SHARED		(110) DESIGNATED NATIONAL N			
(99) BORDER BRIDGE STRUCTURE NUMBER		(20) TOLL	(On Free Road	
STRUCTURE TYPE AND MATERIAL		(21) MAINT -			O
(43) STRUCTURE TYPE MAIN	Steel	(22) OWNER -			0
TYPE Stringer/Multi-beam or girder CODE	302	(37) HISTORICAL SIGNIFICANCE	-		
(44) STRUCTURE TYPE APPROACH			CONDITION	с	ODE
TYPE CODE		(58) DECK			
(45) NUMBER OF SPANS IN MAIN UNIT	6	(59) SUPERSTRUCTURE			
(46) NUMBER OF SPANS IN APPROACH	0	(60) SUBSTRUCTURE			
(107) DECK STRUCTURE TYPE CODE	1	(61) CHANNEL & CHANNEL PRO	TECTION		
(108)WEARING SURFACE/PROTECTIVE SYSTEM		(62) CULVERTS			
(A) TYPE OF WEARING SURFACE CODE	1	LOAD R	ATING AND POSTING	co	ODE
(B) TYPE OF MEMBRANE CODE	0	(31) DESIGN LOAD		H 20 + Mod	
(C) TYPE OF DECK PROTECTION CODE	0	(63) OPERATING RATING METH	OD -	Load Factor	
AGE AND SERVICE		(64) OPERATING RATING -		HS-49	8
(27) YEAR BUILT	1957	(65) INVENTORY RATING METH	OD -		
(106) YEAR RECONSTRUCTED	0	(66) INVENTORY RATING		HS-29	5
	lighway	(70) BRIDGE POSTING	No Post	ting Required	
OFF - Waterway CODE	15	(41) STRUCTURE OPEN, POSTE		3 1,1	
(28) LANES ON STRUCTURE 2 LANES UNDER STRUCTURE	0	DESCRIPTION		o restriction	•
(29) AVERAGE DAILY TRAFFIC	22750	DEGORII TION	•		ODE
(30) YEAR OF ADT 2018 (109) TRUCK ADT PCT	16	(67) STRUCTURAL EVALUATION	APPRAISAL ——	(ODE
(19) BYPASS OR DETOUR LENGTH	1.0	(68) DECK GEOMETRY	•		
GEOMETRIC DATA	1.0	(69) UNDERCLEARANCES, VER	T & U∩DI7		ı
(48) LENGTH OF MAXIMUM SPAN	49.0		I & HORIZ		•
(49) STRUCTURE LENGTH	401.0	(71) WATERWAY ADEQUACY	ONIMENIT		
(50) CURB OR SIDEWALK: LEFT 0.0 RIGHT	0.0	(72) APPROACH ROADWAY ALK			
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB	28.2	(36) TRAFFIC SAFETY FEATURE			101
(52) DECK WIDTH OUT TO OUT	33.5	(113) SCOUR CRITICAL BRIDGE			
(32) APPROACH ROADWAY WITH (W/ SHOULDERS) (33) BRIDGE MEDIAN Open median CODE	28.0 1		SED IMPROVEMENTS		
(34) SKEW 30 (35) STRUCTURE FLARED	0	(75) TYPE OF WORK		CODE	
(10) INVENTORY ROUTE MIN VERT CLEAR	999.9	(76) LENGTH OF STRUCTURE IN			
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	28.2	(94) BRIDGE IMPROVEMENT CO			
(53) MIN VERT CLEAR OVER BRIDGE RDWY	999.9	(95) ROADWAY IMPROVEMENT	COST		
(54) MIN VERT UNDERCLEAR: REFERENCE (55) MIN LAT UNDERCLEARANCE RT: REFERENCE N	0.0 0.0	(96) TOTAL PROJECT COST			
(56) MIN LAT UNDERCLEARANCE RT: REFERENCE N (56) MIN LAT UNDERCLEARANCE LT:	0.0	(97) YEAR OF IMPROVEMENT C	OST ESTIMATE		
	0.0	(114) FUTURE ADT	45,500 YEAR OF FUTUR	E ADT	204
NAVIGATION DATA		(00) INSPECTION DATE	INSPECTION	EDEOLITAIOY	
(38) NAVIGATION CONTROL - CODE	0	(90) INSPECTION DATE		FREQUENCY (03) CELDATE	24
(111) PIER PROTECTION CODE		(92) CRITICAL FEATURE INSPEC		(93) CFI DATE	
(39) NAVIGATION VERTICAL CLEARANCE	0.0	A) FRACTURE CRIT DETAI			
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR	0.0	B) UNDERWATER INSP	60 B)		09/1
(40) NAVIGATION HORIZONTAL CLEARANCE	0.0	C) OTHER SPECIAL INSP	C)		
		SCOUR			

Superstructure Build Details

Span Number 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	Standard Joint	Pourable Joint Seal	28	Feet		
2	Concrete and Metal Railing	Other Bridge Railing	102	Feet	Unknown	102
1	Concrete Wearing Surface	Wearing Surface	1587	Square Feet		
8	Other Bearing	Other Bearings	8	Each	Unknown	16
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknown	1832
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1588	Square Feet		

Span Number 2

 $\textbf{Span Length} \quad \underline{50.0000}$

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	Unknown	16
2	Concrete and Metal Railing	Other Bridge Railing	100	Feet	Unknown	100
1	Concrete Wearing Surface	Wearing Surface	1579	Square Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1580	Square Feet		
1	Standard Joint	Pourable Joint Seal	28	Feet		
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknown	1832

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)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1580	Square Feet		
1	Concrete Wearing Surface	Wearing Surface	1579	Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	100	Feet	Unknown	100
8	Other Bearing	Other Bearings	8	Each	Unknown	16
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknown	1832

Superstructure Build Details

1	Standard Joint	Pourable Joint Seal	28	Feet
ļ	1	1		

Span Number $\underline{4}$ Span Length $\underline{50.0000}$ Skew $\underline{120.0000}$

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Concrete Wearing Surface	Wearing Surface	1579	Square Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1580	Square Feet		
8	Other Bearing	Other Bearings	8	Each	Unknown	16
2	Concrete and Metal Railing	Other Bridge Railing	100	Feet	Unknown	100
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknown	1832
1	Standard Joint	Pourable Joint Seal	28	Feet		

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Concrete Wearing Surface	Wearing Surface	1579 Square Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1580 Square Feet		
1	Standard Joint	Pourable Joint Seal	28 Feet		
2	Concrete and Metal Railing	Other Bridge Railing	100 Feet	Unknown	100
8	Other Bearing	Other Bearings	8 Each	Unknown	16
4	Plate Girder	Steel Open Girder/Beam	200 Feet	Unknown	1832

 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	Standard Joint	Pourable Joint Seal	28	Feet		
8	Other Bearing	Other Bearings	8	Each	Unknown	16
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknown	1832
2	Concrete and Metal Railing	Other Bridge Railing	100	Feet	Unknown	100

Superstructure Build Details

	1	Concrete Wearing Surface	Wearing Surface	1579	Square Feet	
Ì	1	Reinforced Concrete Deck	Reinforced Concrete Deck	1580	Square Feet	

 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	Reinforced Concrete Deck	Reinforced Concrete Deck	1580	Square Feet		
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknown	1832
8	Other Bearing	Other Bearings	8	Each	Unknown	16
2	Concrete and Metal Railing	Other Bridge Railing	100	Feet	Unknown	100
1	Concrete Wearing Surface	Wearing Surface	1579	Square Feet		
1	Standard Joint	Pourable Joint Seal	28	Feet		

 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)
8	Other Bearing	Other Bearings	8	Each	Unknown	16
4	Plate Girder	Steel Open Girder/Beam	200	Feet	Unknown	1844
1	Concrete Wearing Surface	Wearing Surface	1587	Square Feet		
2	Standard Joint	Pourable Joint Seal	56	Feet		
2	Concrete and Metal Railing	Other Bridge Railing	102	Feet	Unknown	102
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1588	Square Feet		

Structure Element Scoring

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	12656	8359	4285	12	0
107	0	Steel Open Girder/Beam	Beam	1600	1583	14	3	0
515	107	Steel Protective Coating	Beam	14668	14668	0	0	0
215	0	Reinforced Concrete Abutment	Abutments	66	43	23	0	0
229	0	Other Pile	Piles and Columns	49	12	6	9	22
234	0	Reinforced Concrete Pier Cap	Caps	290	256	11	21	2
301	0	Pourable Joint Seal	Expansion Joints	252	252	0	0	0
316	0	Other Bearings	Bearing Device	64	1	61	2	0
515	316	Steel Protective Coating	Bearing Device	128	124	1	2	1
333	0	Other Bridge Railing	Bridge Rail	804	354	220	230	0
515	333	Steel Protective Coating	Bridge Rail	804	804	0	0	0
510	0	Wearing Surface	Wearing Surfaces	12648	10248	2400	0	0

Summary of Maintenance Needs

Maintenance By Defect

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Cracking (RC and Other)	4276 Square Feet
3326	Reinforced Concrete Deck	Patched Areas	4 Square Feet
3326	Reinforced Concrete Deck	Delamination/Spall	2 Square Feet
3348	Other Pile	Corrosion	2 Each
3348	Other Pile	Scour	160 Each
3348	Other Pile	Damage	6 Each
3348	Reinforced Concrete Pier Cap	Patched Area	10 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	11 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	3 Feet
3334	Other Bearings	Movement	1 Each
3334	Other Bearings	Loss of Bearing Area	1 Each
3334	Other Bearings	Connection	7 Each
3318	Other Bridge Railing	Connection	1 Feet
3318	Other Bridge Railing	Delamination/Spall	82 Feet
3318	Other Bridge Railing	Damage	367 Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	2 Square Feet

Element Structure Maintenance Quantities

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	23	43
Beam	3314	Maintenance Steel Superstructure Components	0	1600	О	3	14	1583
Beam	3342	Clean and Paint Steel	0	14668	О	О	О	14668
Bearing Device	3334	Bridge Bearing	9	64	О	2	61	1
Bearing Device	3342	Clean and Paint Steel	2	128	1	2	1	124
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	450	804	0	230	220	354
Bridge Rail	3342	Clean and Paint Steel	0	804	0	0	0	804
Caps	3348	Maintenance of Concrete Substructure	26	290	2	21	11	256
Deck	3326	Maintenance of Concrete Deck	4282	12656	0	12	4285	8359
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	252	О	О	О	252
Piles and Columns	3348	Maintenance of Concrete Substructure	168	49	22	9	6	12
Wearing Surfaces	2816	Asphalt Surface Repair	0	12648	0	0	2400	10248

Priority Actions Request

Structure Number 500100

Span2

3318 **Right Bridge** Rail

Concrete and Metal Railing

Priority

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

2

Connection

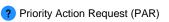
Span 2 Right Bridge Rail: BOLT HAS DETACHED FROM CONCRETE OUTER RAIL 10 FT FROM END BENT 1 LEAVING METAL INNER RAIL FREE. (PAR)

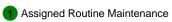
Span 4

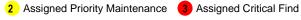
3334	Beam 3	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Loss of Bearing Area	1	Span 4 Beam 3 - Far Bearing: NEW BEARING HAS A LOSS OF BEARING AREA DUE TO SPALL ON CAP. AREA REPAIRED IS UNSOUND AND HAS 6 IN HIGH X 5 IN WIDE X 2 IN DEEP SPALLS. (PAR)

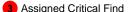
Span8

3314	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Damage	0	Span 8 Beam 4: UP TO 1.5 IN HIGH AREA OF COMPLETE SECTION LOSS IN









Element Condition and Maintenance Data

Structure Number: 500100 Inspection Date: 06/15/2021

10111ber. <u>300100</u>					1115	speciion L	oale. <u>00/13/202</u>
າ 1	Deck						
forced Concrete	Deck						
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinford	ced Concrete Deck	1,588	1,131	456	1	0 8	Square Feet
Defect Type	Defect Descrip	tion		cs	CS Qty	Maint Qty	
Delamination/Spall			P SPALL	3	1	1	Square Feet
Cracking (RC and Other)	SIX (6) UP TO 0.02 IN WIDE TRANS LEFT OVERHANG, SCATTERED.	VERSE CRACK	S UNDER	2	6	6	Square Feet
Cracking (RC and Other)		ITERMEDIATE	CK	2	450	450	Square Feet
	forced Concrete tent ber Reinford Defect Type Delamination/Spall Cracking (RC and Other) Cracking (RC and	To 1 Deck forced Concrete Deck tent ber Element Name Reinforced Concrete Deck Defect Type Delamination/Spall 9 IN LONG X UP TO 4 IN WIDE X UP IN RIGHT DECK OVERHANG ABOV Cracking (RC and Other) SIX (6) UP TO 0.02 IN WIDE TRANSVERSE UNDERSIDE IN BAY 1 BETWEEN IN	Total ber Element Name Qty Reinforced Concrete Deck Defect Type Defect Description Delamination/Spall 9 IN LONG X UP TO 4 IN WIDE X UP TO 2.5 IN DEE IN RIGHT DECK OVERHANG ABOVE BENT 1. Cracking (RC and Other) SIX (6) UP TO 0.02 IN WIDE TRANSVERSE CRACK LEFT OVERHANG, SCATTERED. UP TO 0.02 IN WIDE TRANSVERSE CRACKS IN DE UNDERSIDE IN BAY 1 BETWEEN INTERMEDIATE	forced Concrete Deck tent Element Name Qty Qty Reinforced Concrete Deck Defect Type Defect Description Delamination/Spall 9 IN LONG X UP TO 4 IN WIDE X UP TO 2.5 IN DEEP SPALL IN RIGHT DECK OVERHANG ABOVE BENT 1. Cracking (RC and Other) SIX (6) UP TO 0.02 IN WIDE TRANSVERSE CRACKS UNDER LEFT OVERHANG, SCATTERED. UP TO 0.02 IN WIDE TRANSVERSE CRACKS IN DECK UNDERSIDE IN BAY 1 BETWEEN INTERMEDIATE	Total CS1 CS2 ber Element Name Qty Qty Qty Reinforced Concrete Deck Defect Type Defect Description CS Delamination/Spall 9 IN LONG X UP TO 4 IN WIDE X UP TO 2.5 IN DEEP SPALL 3 IN RIGHT DECK OVERHANG ABOVE BENT 1. Cracking (RC and Other) SIX (6) UP TO 0.02 IN WIDE TRANSVERSE CRACKS UNDER 2 LEFT OVERHANG, SCATTERED. Cracking (RC and Other) UP TO 0.02 IN WIDE TRANSVERSE CRACKS IN DECK 2 UNDERSIDE IN BAY 1 BETWEEN INTERMEDIATE	Total CS2 CS3 ber Element Name Qty Qty Qty Qty Qty Qty Reinforced Concrete Deck Defect Type Defect Description CS CS Qty Delamination/Spall 9 IN LONG X UP TO 4 IN WIDE X UP TO 2.5 IN DEEP SPALL 3 1 IN RIGHT DECK OVERHANG ABOVE BENT 1. Cracking (RC and Other) CTacking (RC and Other) UP TO 0.02 IN WIDE TRANSVERSE CRACKS UNDER 2 6 LEFT OVERHANG, SCATTERED. UP TO 0.02 IN WIDE TRANSVERSE CRACKS IN DECK 2 450 UNDERSIDE IN BAY 1 BETWEEN INTERMEDIATE	Total CS1 CS2 CS3 CS4 ber Element Name Qty Qty Qty Qty Qty Qty Qty Reinforced Concrete Deck 1,588 1,131 456 1 0 S Defect Type Defect Description CS CS Qty Maint Qty Delamination/Spall 9 IN LONG X UP TO 4 IN WIDE X UP TO 2.5 IN DEEP SPALL 3 1 1 Cracking (RC and Other) SIX (6) UP TO 0.02 IN WIDE TRANSVERSE CRACKS UNDER 2 6 6 Cracking (RC and Other) UP TO 0.02 IN WIDE TRANSVERSE CRACKS IN DECK 2 450 450 Other) UNDERSIDE IN BAY 1 BETWEEN INTERMEDIATE

General Comments

Span	1		Beam 1						
Plate	Girder								
Elem Numi		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Open Girder/Beam		50	49	1	0	0	Feet
515		Steel Protective Coating		458	458	0	0	0	Square Feet
Element Number	Defect	Туре	Defect Description			cs	CS Qty	Maint Qty	
107	Damage	BOTTOM AT BOT	ERMEDIATE STIFFENER H LOCATIONS. PAR IS FROM PREVIOUS BRID	NOT ISSU	ED AS IT	2	1		Feet

General Comments

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 1		Beam 4						
Plate Girde	er							
Element Number	Element Name		otal Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		50	49	1	0	0	Feet
515	Steel Protective Coating		458	458	0	0	0	Square Feet
Element Number De	efect Type	Defect Description			cs	CS Qty	Maint Qty	
107 Damage	BOTTOM AT BOT	ERMEDIATE STIFFENER IS H LOCATIONS. PAR IS NO FROM PREVIOUS BRIDGE	T ISSU	JED AS IT	2	1		Feet

General Comments

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 1		Left Bridg	ge Rail					
Concre	ete and Metal F	Railing						
Elemen Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other B	ridge Railing	51	45	0	6	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 De	elamination/Spall	UP TO 6 IN DIAMETER X 1.5 IN FACE AT ANCHOR BOLT CONI SEVERAL CONNECTIONS.			3	6	·	6 Feet

Spa	an 1	Right Brid	ge Rail					
Cor	ncrete and Metal F	Railing						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other B	ridge Railing	51	0	45	6	0 F	eet
515	Steel Pr	rotective Coating	51	51	0	0	0 8	Square Feet
Elemer Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
333	Delamination/Spall	UP TO 6 IN DIAMETER X 1.5 IN FACE AT ANCHOR BOLT CONN SEVERAL CONNECTIONS.	-	_	3	6	6	Feet
333	Damage	IMPACT DAMAGE WITH SCRAP LENGTH IN BOTTOM OF SUPPL		SPAN	2	45	45	Feet
	General Comments							

Span 1		Near Bear	ring					
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 De	scription		CS	CS Qty	Maint Qty	
316 Corr	rosion	BEARINGS HAVE BEEN PAINTI INSPECTION. SECTION LOSS I PAINTED SURFACES IN BOTH PLATES. UP TO 85% SECTION	EXSISTS BENEATH TH MASONRY AND SOLE		2	1	·	Each
Gene	eral Comments							

ement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	
515	Steel Protective Coating		2	2	0	0	0	Square Feet
Number 316	Other Bearings	ame	Qty 1	Qty 0	Qty 1	Qty 0	Qty 0	Each
Other E	t .		Total	CS1	CS2	CS3	CS4	
Span 1		Far Bearing						

Structure Number: 500100

316 Corrosion

BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS
INSPECTION. SECTION LOSS EXSISTS BENEATH THE
PAINTED SURFACES IN BOTH MASONRY AND SOLE
PLATES. UP TO 80% SECTION REMAINING.

316 Connection

MELDED REPAIR WITH NEW ANCHOR BOLT.

Inspection Date: 06/15/2021

1 Each

General Comments

Spa	n 1	Near Beari	ng					
Oth	er Bearing							
Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
316	Oti	ner Bearings	1	0	1	0	0	Each
515	Ste	eel Protective Coating	2	2	0	0	0	Square Feet
Elemen Numbe	Dofoct Typ	e Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	INSPECTION. SECTION LOSS EX	E BEEN PAINTED SINCE PREVIOUS ECTION LOSS EXSISTS BENEATH THE ACES IN BOTH MASONRY AND SOLE 85% SECTION REMAINING.			1		Each
-	General Commer	nts						

Span 1		Far Bearin	ng					
Other Be	earing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	Searings	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 E PAINTED SURFACES IN BOTH I PLATES. UP TO 85% SECTION	XSISTS BENEATH TH MASONRY AND SOLE		2	1		Each
Gener	ral Comments							

Span 1		ng					
l							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Other Be	earings	1	0	1	0	0	Each
Steel Pr	otective Coating	2	2	0	0	0	Square Feet
Туре	Defect Desc	ription		cs	CS Qty	Maint Qty	
	INSPECTION. SECTION LOSS EX PAINTED SURFACES IN BOTH MA	SISTS BENEATH TI ASONRY AND SOLI	ΗE	2	1		Each
	Other B	Element Name Other Bearings Steel Protective Coating Type Defect Desc BEARINGS HAVE BEEN PAINTED INSPECTION. SECTION LOSS EX PAINTED SURFACES IN BOTH M	Element Name Other Bearings Other Bearings 1 Steel Protective Coating 2 Type Defect Description BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE	Element Name Other Bearings Other Bearings 1 0 Steel Protective Coating 2 2 Type Defect Description BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE	Total CS1 CS2	Total CS1 CS2 CS3	Element Name

Span '	1	Far Bearin	ng					
Other	Bearing							
Elemei Numbe	·	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	16 Other Bearings		1	0	1	0	0	Each
515	Steel F	Protective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Type Defect Desc			cs	CS Qty	Maint Qty	
316 C	orrosion BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 85% SECTION REMAINING.			ГНЕ	2	1		Each
316 C	onnection	WELDED REPAIR, WITH NEW A	NCHOR BOLT.		1			Each

	Near Bea	ring					
ring							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Other B	Bearings	1	0	1	0	0	Each
Steel P	rotective Coating	2	2	0	0	0	Square Feet
efect Type	Defect De	scription		cs	CS Qty	Maint Qty	
ion	INSPECTION. SECTION LOSS I PAINTED SURFACES IN BOTH	SPECTION. SECTION LOSS EXSISTS BENEATH THE INTED SURFACES IN BOTH MASONRY AND SOLE			1		Each
)	Other E Steel P	Element Name Other Bearings Steel Protective Coating efect Type Defect De ion BEARINGS HAVE BEEN PAINT INSPECTION. SECTION LOSS I PAINTED SURFACES IN BOTH	Element Name Qty Other Bearings 1 Steel Protective Coating 2 efect Type Defect Description ion BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH T	Element Name CS1 Qty Qty Other Bearings 1 0 Steel Protective Coating 2 2 efect Type Defect Description INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE	Element Name CS1 CS2 Qty Qty Qty Qty Other Bearings 1 0 1 Steel Protective Coating 2 2 2 0 Efect Type Defect Description EARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE	Element Name CS1 CS2 CS3 Element Name Qty Qty Qty Qty Other Bearings 1 0 1 0 Steel Protective Coating 2 2 2 0 0 Effect Type Defect Description CS CS Qty INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE	Element Name

Span 1		Far Beari	ng					
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 SEPAINTED SURFACES IN BOTH PLATES. UP TO 80% SECTION	EXSISTS BENEATH TH MASONRY AND SOLE	HE	2	1		Each
Ger	neral Comments							

Spa	n 1	Wearing S	Surface					
Con	crete Wearing Su	rface						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	g Surface	1,587	1,287	300	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
510	Effectiveness (Wearing Surface)	MINOR ABRASION WITH EXPO THE WHEEL PATHS FOR FULL		ALONG	2	300		Square Feet
	General Comments							

2	Deck						
forced Concrete	Deck						
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinfor	ced Concrete Deck	1,580	1,080	500	0	0 S	quare Feet
Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
Cracking (RC and Other)			ICAL AT	2	50	50	Square Feet
Cracking (RC and Other)	UP TO 0.02 IN WIDE RANDOM CI UNDERSIDE, SCATTERED THRO		<	2	450	450	Square Feet
	ent per Reinfor Defect Type Cracking (RC and Other) Cracking (RC and	corced Concrete Deck ent Der Element Name Reinforced Concrete Deck Defect Type Defect Desc Cracking (RC and Other) TRANSVERSE CRACKS IN LEFT RIGHT OVERHANG. Cracking (RC and UP TO 0.02 IN WIDE RANDOM CI	Forced Concrete Deck ent Element Name Qty Reinforced Concrete Deck 1,580 Defect Type Defect Description Cracking (RC and Other) NINE (9) UP TO 0.02 IN WIDE X UP TO 3 FT LONG TRANSVERSE CRACKS IN LEFT OVERHANG. TYP RIGHT OVERHANG. Cracking (RC and UP TO 0.02 IN WIDE RANDOM CRACKING IN DECK	Forced Concrete Deck ent Element Name Qty Qty Reinforced Concrete Deck 1,580 1,080 Defect Type Defect Description Cracking (RC and Other) NINE (9) UP TO 0.02 IN WIDE X UP TO 3 FT LONG TRANSVERSE CRACKS IN LEFT OVERHANG. TYPICAL AT RIGHT OVERHANG. Cracking (RC and UP TO 0.02 IN WIDE RANDOM CRACKING IN DECK	Forced Concrete Deck ent Element Name Qty Qty Qty Reinforced Concrete Deck 1,580 1,080 500 Defect Type Defect Description CS Cracking (RC and Other) NINE (9) UP TO 0.02 IN WIDE X UP TO 3 FT LONG TRANSVERSE CRACKS IN LEFT OVERHANG. TYPICAL AT RIGHT OVERHANG. Cracking (RC and UP TO 0.02 IN WIDE RANDOM CRACKING IN DECK 2	Forced Concrete Deck ent Element Name Qty Qty Qty Qty Qty Qty Qty Reinforced Concrete Deck 1,580 1,080 500 0 Defect Type Defect Description CS CS Qty Cracking (RC and Other) TRANSVERSE CRACKS IN LEFT OVERHANG. TYPICAL AT RIGHT OVERHANG. Cracking (RC and UP TO 0.02 IN WIDE RANDOM CRACKING IN DECK 2 450	Forced Concrete Deck ent Element Name Qty

Span 2		Beam 1						
Plate Gird	der							
Element Number	Element N	ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Bean	1	50	49	1	0	0	Feet
515	Steel Protective Coating		458	458	0	0	0	Square Feet
Element Number	Defect Type	Defect Descript	tion		cs	CS Qty	Maint Qty	
107 Dama	BOTTOM AT	INTERMEDIATE STIFF BOTH LOCATIONS. PA BE FROM PREVIOUS	AR IS NOT ISSU	ED AS IT	2	1		Feet

General Comments

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 2		Beam 4						
Plate G	irder							
Element Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS ² Qty	
107	Steel Oper	n Girder/Beam	50	49	1	0	0	Feet
515	Steel Prote	ective Coating	458	458	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
107 Dai	ge	IN HIGH OF INTERMEDIATE S BOTTOM AT BOTH LOCATION: APPEARS TO BE FROM PREVI	S. PAR IS NOT ISSU	ED AS IT	2	1	·	Feet

General Comments

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

10% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 2		Left Bridg	je Rail					
Concre	ete and Metal F	Railing						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other B	ridge Railing	50	44	0	6	0	Feet
515	Steel P	rotective Coating	50	50	0	0	0	Square Feet
lement lumber	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
333 Del	lamination/Spall	UP TO 6 IN DIAMETER X 1.5 IN FACE AT ANCHOR BOLT CONN SEVERAL CONNECTIONS.			3	6		6 Feet

General Comments

ın 2	Right Bridge	Rail					
crete and Metal R	tailing						
ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other Br	ridge Railing	50	0	43	7	0 1	Feet
Steel Pr	otective Coating	50	50	0	0	0 3	Square Feet
t r Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
Connection				3	1	1	Feet
Delamination/Spall				3	6	6	6 Feet
Cracking (RC and Other)			KS IN	2	1		Feet
Damage			. SPAN	2	42	42	? Feet
) n n	crete and Metal R nent nber Other B Steel Pr t Defect Type Connection Delamination/Spall Cracking (RC and Other)	crete and Metal Railing ment nber Element Name Other Bridge Railing Steel Protective Coating t Defect Type Connection BOLT HAS DETACHED FROM COM FT FROM END BENT 1 LEAVING M (PAR) Delamination/Spall UP TO 6 IN DIAMETER X 1.5 IN DEI FACE AT ANCHOR BOLT CONNEC SEVERAL CONNECTIONS. Cracking (RC and Other) UP TO 0.03 IN WIDE X 2 FT LONG IN BOTTOM OF CURB AT 1 FT FROM IMPACT DAMAGE WITH SCRAPE M	crete and Metal Railing ment Element Name Qty Other Bridge Railing 50 Steel Protective Coating 50 t Defect Type Defect Description Connection BOLT HAS DETACHED FROM CONCRETE OUTER FFT FROM END BENT 1 LEAVING METAL INNER RAI (PAR) Delamination/Spall UP TO 6 IN DIAMETER X 1.5 IN DEEP SPALL IN EXT FACE AT ANCHOR BOLT CONNECTION. TYPICAL A SEVERAL CONNECTIONS. Cracking (RC and Other) UP TO 0.03 IN WIDE X 2 FT LONG DIAGONAL CRAC Other) BOTTOM OF CURB AT 1 FT FROM BENT 2.	crete and Metal Railing ment Element Name Qty Qty Other Bridge Railing 50 0 Steel Protective Coating 50 50 Total CS1 Qty Qty Other Bridge Railing 50 0 Steel Protective Coating 50 50 Total CS1 Qty Qty Other Bridge Railing 50 0 Steel Protective Coating 50 50 Total CS1 Qty Qty Other Bridge Railing 50 0 Steel Protective Coating 50 50 Total CS1 Qty Qty Other Bridge Railing 50 0 Steel Protective Coating 50 50 Total CS1 Qty Qty Other Bridge Railing 50 0 Steel Protective Coating 50 0 Steel Protect Protective Coating 50 0 Steel Protect Protective Coating 50 0 Steel Protect Protective Coating 50 0 Steel Protective Coating 50 0 Steel Protect Protective Coating 50 0 Ste	crete and Metal Railing ment Element Name Qty Qty Qty Other Bridge Railing 50 0 43 Steel Protective Coating 50 50 0 t Defect Type Defect Description CS Connection BOLT HAS DETACHED FROM CONCRETE OUTER RAIL 10 FT FROM END BENT 1 LEAVING METAL INNER RAIL FREE. (PAR) Delamination/Spall UP TO 6 IN DIAMETER X 1.5 IN DEEP SPALL IN EXTERIOR FACE AT ANCHOR BOLT CONNECTION. TYPICAL AT SEVERAL CONNECTIONS. Cracking (RC and Other) UP TO 0.03 IN WIDE X 2 FT LONG DIAGONAL CRACKS IN BOTTOM OF CURB AT 1 FT FROM BENT 2. Damage IMPACT DAMAGE WITH SCRAPE MARKS FOR FULL SPAN 2	rete and Metal Railing Total CS1 CS2 CS3 Metal Railing Cty Qty Qty Qty Qty Other Bridge Railing 50 0 43 7 Steel Protective Coating 50 50 0 0 0 Total CS1 CS2 CS3 Qty Qty Qty Qty Qty Other Bridge Railing 50 0 0 43 7 Steel Protective Coating 50 50 0 0 0 Total CS1 CS2 CS3 Here Compare Content Coating 50 0 0 0 0 0 Total CS1 CS2 CS3 Here CS3 CS Qty Total CS1 CS2 CS3 Here CS3 CS3 Total CS2 CS3 Here CS3 CS3 Total CS2 CS3 Here CS3 CS3 Total CS2 CS3 Total CS2 CS3 Total CS3 Total CS1 CS2 CS3 Total CS3 Total CS2 CS3 Total CS3 Total CS2 CS3 Total CS3 Total CS2 CS3 Total CS3 Total CS1 Total CS2 Total CS2 Total CS1 Total CS2 Total CS2 Total CS2 Total CS2 Total CS1 Total CS2 Total CS2 Total CS2 Total CS1 Total CS2 Total CS2 Total CS2 Total CS1 Total CS1 Total CS2 Total CS2 Total CS2 Total CS2 Total CS2 Total CS3 Total CS2 Total CS2 Total CS2 Total CS3 Total CS2 Total CS2	rent Blement Name

2	Near Bea	ring					
Bearing							
nt r	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other B	Bearings	1	0	1	0	0	Each
Steel P	rotective Coating	2	2	0	0	0	Square Feet
Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	
orrosion	INSPECTION. SECTION LOSS I PAINTED SURFACES IN BOTH	EXSISTS BENEATH T MASONRY AND SOL	HE	2	1		Each
	Bearing It Other E Steel P Defect Type	Bearing It	t Element Name Qty Other Bearings 1 Steel Protective Coating 2 Defect Type Defect Description BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH T	t Element Name Qty Qty Other Bearings 1 0 Steel Protective Coating 2 2 Defect Type Defect Description BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE	t Element Name Qty Qty Qty Other Bearings 1 0 1 Steel Protective Coating 2 2 0 Defect Type Defect Description CS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE	t Element Name Qty Qty Qty Qty Qty Other Bearings 1 0 1 0 Steel Protective Coating 2 2 0 0 Defect Type Defect Description CS CS Qty DINSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE	t Element Name Qty

Span 2	!	Far Bearin	g					
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 PAINTE INSPECTION. SECTION LOSS E PAINTED SURFACES IN BOTH I PLATES. UP TO 85% SECTION I	XISTS BENEATH THE MASONRY AND SOLI	Ξ	2	1	·	Each
Gen	neral Comments							

Span 2	2	Near Bea	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	Protective Coating	2	2	0	0	0	Square Feet
lement lumber	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINT INSPECTION. SECTION LOSS PAINTED SURFACES IN BOTH PLATES. UP TO 85% SECTION	EXSISTS BENEATH TH MASONRY AND SOLE		2	1		Each
Ger	neral Comments							

Span 2		Far Bearir	ng					
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	rrosion	BEARINGS HAVE BEEN PAINTI INSPECTION. SECTION LOSS E PAINTED SURFACES IN BOTH PLATES. UP TO 85% SECTION	XSISTS BENEATH TI	ΗE	2	1	-	Each
Gen	eral Comments							

Span 2		Near 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 Coatin	g	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 EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE

PLATES. UP TO 85% SECTION REMAINING.

General Comments

316 Corrosion

Spa	n 2	Far	Bearing					
Oth	er Bearing							
	ment nber	Element Name Other Bearings	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty	
515	S	Steel Protective Coating	2	2	0	0	0	Square Feet
Elemen Numbe	Dofoct Tv	ype Def	fect Description		cs	CS Qty	Maint Qty	
316	INSPECTION. SE PAINTED SURFA		PAINTED SINCE PREVIO LOSS EXSISTS BENEATH BOTH MASONRY AND SO CTION REMAINING.	THE	2	1		Each
-	General Commo	ents						

Spa	ın 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 PAINTED SURFACE	EEN PAINTED SINCE F FION LOSS EXSISTS BI ES IN BOTH MASONRY % SECTION REMAININ	ENEATH TH		2	1		Each
	General Com	ments								

ring							
Other Be	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	
	ŭ	2	2	0	0		Square Feet
efect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
etion	SECTION LOSS IN OLD ANCHOR I	BOLT. PAR NOT I		2		·	Each
INSPECTION. SECTION PAINTED SURFACE		ISTS BENEATH T SONRY AND SOLI	HE	2	1		Each
<u>.</u>	Steel Profession	tion WELDED REPAIR WITH NEW ANC SECTION LOSS IN OLD ANCHOR I DUE TO NEW ANCHOR BOLT REP INSPECTION. SECTION LOSS EXS PAINTED SURFACES IN BOTH MA PLATES. UP TO 85% SECTION REI	Steel Protective Coating 2 fect Type Defect Description tion WELDED REPAIR WITH NEW ANCHOR BOLT. UP TO SECTION LOSS IN OLD ANCHOR BOLT. PAR NOT IS DUE TO NEW ANCHOR BOLT REPAIR. In BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH TI PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 85% SECTION REMAINING.	Steel Protective Coating 2 2 fect Type Defect Description tion WELDED REPAIR WITH NEW ANCHOR BOLT. UP TO 50% SECTION LOSS IN OLD ANCHOR BOLT. PAR NOT ISSUED DUE TO NEW ANCHOR BOLT REPAIR. IN BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 85% SECTION REMAINING.	Steel Protective Coating 2 2 0 fect Type Defect Description CS tion WELDED REPAIR WITH NEW ANCHOR BOLT. UP TO 50% SECTION LOSS IN OLD ANCHOR BOLT. PAR NOT ISSUED DUE TO NEW ANCHOR BOLT REPAIR. In BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 85% SECTION REMAINING.	Steel Protective Coating 2 2 0 0 fect Type Defect Description CS CS Qty tion WELDED REPAIR WITH NEW ANCHOR BOLT. UP TO 50% SECTION LOSS IN OLD ANCHOR BOLT. PAR NOT ISSUED DUE TO NEW ANCHOR BOLT REPAIR. IN BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 85% SECTION REMAINING.	Steel Protective Coating 2 2 0 0 0 0 fect Type Defect Description CS CS Qty Maint Qty tion WELDED REPAIR WITH NEW ANCHOR BOLT. UP TO 50% SECTION LOSS IN OLD ANCHOR BOLT. PAR NOT ISSUED DUE TO NEW ANCHOR BOLT REPAIR. IN BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 85% SECTION REMAINING.

Spa	n 2	Wearing Su	rface					
Cor	ncrete Wearing Su	rface						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	Surface	1,579	1,279	300	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
510	Effectiveness (Wearing Surface)	MINOR ABRASION WITH EXPOSE THE WHEEL PATHS FOR FULL LE		ALONG	2	300		Square Feet
	General Comments							

Spa	an 3	Deck						
Rei	nforced Concrete	Deck						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ced Concrete Deck	1,580	923	651	6	0 5	Square Feet
Elemei Numbe	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
12	Delamination/Spall	2 FT LONG X 1 FT HIGH DELAM END DIAPHRAGM, AT BENT 2. PREVIOUS INSPECTION	Y 2,	3	2	-	Square Feet	
12	Delamination/Spall		4 FT LONG X 1 FT HIGH DELAMINATION/SPALL, BAY 2, END DIAPHRAGM, AT BENT 3. REPAIRED SINCE PREVIOUS INSPECTION			4		Square Feet
12	Cracking (RC and Other)	SIX (6) UP TO 0.02 IN WIDE X UI TRANSVERSE CRACKS IN RIGI LEFT OVERHANG.		ICAL AT	2	45	45	Square Feet
12	Cracking (RC and Other)	UP TO 0.03 IN WIDE RANDOM O UNDERSIDE, SCATTERED THR			2	600	600	Square Feet
12	Patched Areas	NEW REPAIR: 2 FT LONG X 1 F PATCH IN BAY 2 BENT DIAPHR		CRETE	2	2		Square Feet
12	Patched Areas	NEW REPAIR: 4 FT LONG X 1 F PATCH IN BENT DIAPHRAGM A PREVIOUS INSPECTION.			2	4		Square Feet

Spa	an 3	Left Bridge	Rail					
Coi	ncrete and Metal	Railing						
Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
333	Other	Bridge Railing	50	44	0	6	0	Feet
515	Steel	Protective Coating	50	50	0	0	0	Square Feet
Eleme	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
333	Delamination/Spall	UP TO 6 IN DIAMETER X 1.5 IN D FACE AT ANCHOR BOLT CONNE SEVERAL CONNECTIONS.			3	6		6 Feet
	General Comments							

Spa	an 3	Right Bridg	e Rail					
Cor	ncrete and Metal F	Railing						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other E	Bridge Railing	50	0	44	6	0	Feet
515	Steel P	rotective Coating	50	50	0	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Descr	ription		cs	CS Qty	Maint Qty	
333	Delamination/Spall	UP TO 6 IN DIAMETER X 1.5 IN DE FACE AT ANCHOR BOLT CONNEC SEVERAL CONNECTIONS.	-	_	3	6	6	S Feet
333	Damage	IMPACT DAMAGE WITH SCRAPE LENTH IN BOTTOM OF SUPPLEM		SPAN	2	44	44	1 Feet

General Comments

Span 3	3	Beam 1						
Plate (Girder							
Elemei Numbe	er	Element Name	Total Qty 50	CS1 Qty 49	CS2 Qty	CS3 Qty	CS4 Qty	
515		rotective Coating	458	458	0	0	_	Square Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
107 D	amage	2 IN HIGH OF INTERMEDIATE S BOTTOM AT BOTH LOCATIONS APPEARS TO BE FROM PREVIOUS	S. PAR IS NOT ISSU	ED AS IT	2	1		Feet

General Comments

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 3	3	Beam 4						
Plate 0	Girder							
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel C	pen Girder/Beam	50	49	1	0	0	Feet
515	Steel P	rotective Coating	458	458	0	0	0	Square Feet
Element Number	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	:
107 Da	amage	2 IN HIGH OF INTERMEDIATE S BOTTON AT BOTH LOCATION APPEARS TO BE FROM PREVI	S. PAR IS NOT ISSU	ED AS IT	2	1		Feet

General Comments

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 3	3	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	scription		CS	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS E PAINTED SURFACES IN BOTH PLATES. UP TO 95% SECTION	EXSISTS BENEATH TI MASONRY AND SOLI	HE	2	1	·	Each
Ger	neral Comments							

Far Bearin	9					
Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Bearings	1	0	1	0	0	Each
Protective Coating	2	2	0	0	0	Square Feet
Defect Desc	cription		cs	CS Qty	Maint Qty	
INSPECTION. SECTION LOSS EXPAINTED SURFACES IN BOTH IN	XISTS BENEATH TH	Ξ	2	1	·	Each
	Element Name Bearings Protective Coating Defect Desc BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS EXPAINTED SURFACES IN BOTH M	Element Name Qty Bearings 1 Protective Coating 2 Defect Description BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXISTS BENEATH THI	Element Name Qty Qty Bearings 1 0 Protective Coating 2 2 Defect Description BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE	Element Name Qty Qty Qty Bearings 1 0 1 Protective Coating 2 2 0 Defect Description CS BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE	Element Name Total CS1 CS2 CS3	Element Name Qty

Span 3	Near Bearing

Element	•		Total	CS1	CS2	CS3	CS4	
Number	-	Element Name	Qty	Qty	Qty	Qty	Qty	
316	Other E	Bearings	1	0	1	0	•	Each
515	Steel P	Protective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
316 Co	rrosion	BEARINGS HAVE BEEN PAINTEI INSPECTION. SECTION LOSS EX PAINTED SURFACES IN BOTH M PLATES. UP TO 95% SECTION R	ISTS BENEATH THE	_	2	1	-	Each

Span 3		Far Bearing						
Other B	earing							
Element Number		ie	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	

2

Each

BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 80% SECTION REMAINING.

General Comments

316 Corrosion

Span 3	3	Near Bea	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 De	scription		cs	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINT INSPECTION. SECTION LOSS PAINTED SURFACES IN BOTH PLATES. UP TO 95% SECTION	EXSISTS BENEATH TH MASONRY AND SOLE		2	1	-	Each
Ger	neral Comments							

Spar	า 3	Far Bearin	ng					
Othe	er Bearing							
Elem Num		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	Dofoct Typ	e Defect Des	scription		cs	CS Qty	Maint Qty	
316	Connection	ANCHOR BOLT NUT NOT CON	NECTED COMPLETE	ELY	2			1 Each
316	Corrosion	BEARINGS HAVE BEEN PAINT INSPECTION. SECTION LOSS E PAINTED SURFACES IN BOTH PLATES. UP TO 80% SECTION	XSISTS BENEATH T MASONRY AND SOL	HE	2	1		Each
<u>-</u>	General Commen	nts						-

g							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other B	Searings	1	0	1	0	0	Each
Steel P	rotective Coating	2	2	0	0	0	Square Feet
ct Type	Defect Des	scription		cs	CS Qty	Maint Qty	
	INSPECTION. SECTION LOSS E PAINTED SURFACES IN BOTH I	XSISTS BENEATH T MASONRY AND SOL	HE	2	1		Each
		Other Bearings Steel Protective Coating ct Type Defect Des BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS E PAINTED SURFACES IN BOTH PLATES. UP TO 95% SECTION	Element Name Qty Other Bearings 1 Steel Protective Coating 2 ct Type Defect Description BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH T PAINTED SURFACES IN BOTH MASONRY AND SOLIPLATES. UP TO 95% SECTION REMAINING.	Element Name Qty Qty Other Bearings 1 0 Steel Protective Coating 2 2 ct Type Defect Description BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 95% SECTION REMAINING.	Element Name Qty Qty Qty Other Bearings 1 0 1 Steel Protective Coating 2 2 0 ct Type Defect Description CS BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 95% SECTION REMAINING.	Element Name Qty Qty Qty Qty Other Bearings 1 0 1 0 Steel Protective Coating 2 2 2 0 0 ct Type Defect Description CS CS Qty BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 95% SECTION REMAINING. 2 1	Element Name Qty Qty Qty Qty Qty Qty Other Bearings 1 0 1 0 0 Steel Protective Coating 2 2 0 0 0 0 Ct Type Defect Description CS CS Qty Maint Qty BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 95% SECTION REMAINING.

Structure Number: 500100 Inspection Date: <u>06/15/2021</u>

	Far Bearin	ng					
aring							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Other B	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	
sion	INSPECTION. SECTION LOSS E PAINTED SURFACES IN BOTH I	XSISTS BENEATH T MASONRY AND SOL	HE	2	1		Each
	Other E Steel P	Element Name Other Bearings Steel Protective Coating Defect Type BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS E PAINTED SURFACES IN BOTH	Element Name Other Bearings Steel Protective Coating Defect Type BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH T	Element Name Other Bearings Other Protective Coating Defect Type BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE	Element Name Cother Bearings Other Bearings Other Protective Coating Defect Type Defect Description BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE	Element Name CS1 CS2 CS3 Qty	Element Name Control CS1 CS2 CS3 CS4 Element Name Qty Qty Qty Qty Qty Qty Qty Other Bearings Steel Protective Coating Defect Type Defect Description BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE Total CS2 CS3 CS4 Qty Qty Qty Qty Qty Qty Qty Qty Qty Qt

General Comments

Spa	n 3	Wearing S	urface					
Con	crete Wearing Su	rface						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	Surface	1,579	1,279	300	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
510	Effectiveness (Wearing Surface)	MINOR ABRASION WITH EXPOSE THE WHEEL PATHS FOR FULL		ALONG	2	300		Square Feet
	General Comments							

Spa	an 4	Deck						
Rei	inforced Concrete	Deck						
	ement mber Reinfor	Element Name ced Concrete Deck	Total Qty 1,580	CS1 Qty 951	CS2 Qty 625	CS3 Qty 4	CS4 Qty 0 S	Square Feet
Elemen	Dofoct Typo	Defect Descr	ription		cs	CS Qty	Maint Qty	
12	Patched Areas	4 FT LONG X 1 FT HIGH AREA OF PATCH WITH UP TO 0.05 IN VERT BENT DIAPHRAGM AT BENT BE	TICAL CRACKS IN		3	4	4	Square Feet
12	Cracking (RC and Other)	EIGHT (8) UP TO 0.02 IN WIDE X UTRANSVERSE CRACKS IN LEFT			2	25	25	Square Feet
12	Cracking (RC and Other)	UP TO 0.02 IN WIDE RANDOM CR UNDERSIDE, SCATTERED THRO			2	600	600	Square Feet
	General Comments							

Span 4	4	Left I	Bridge Rail					
Concr	ete and Metal F	Railing						
Elemei Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other B	ridge Railing	50	44	0	6	0	Feet
515	Steel P	rotective Coating	50	50	0	0	0	Square Feet
lement lumber	Defect Type	Defe	ect Description		cs	CS Qty	Maint Qty	
333 D	elamination/Spall	• • • • • • • • • • • • • • • • • • • •	IN DIAMETER X 1.5 IN DEEP SPALL IN EXTERIOR ANCHOR BOLT CONNECTION. TYPICAL AT _ CONNECTIONS.			6	·	6 Feet
Ge	neral Comments							

Spa	an 4	Right Bridg	e Rail					
Coi	ncrete and Metal	Railing						
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other E	Bridge Railing	50	0	44	6	0 F	eet
515	Steel F	rotective Coating	50	50	0	0	0 8	Square Feet
Eleme	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
333	Delamination/Spall	UP TO 6 IN DIAMETER X 1.5 IN DE FACE AT ANCHOR BOLT CONNEC SEVERAL CONNECTIONS.			3	6	6	Feet
333	Damage	IMPACT DAMAGE WITH SCRAPE LENTH IN BOTTOM OF SUPPLEM		SPAN	2	44	44	Feet
	General Comments							

Span 4	Beam 1

Plate G	irder							
Element Number	="	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel C	pen Girder/Beam	50	49	1	0	0	Feet
515	Steel P	rotective Coating	458	458	0	0	0	Square Feet
Element Number	Defect Type	Defect Descri	ription		cs	CS Qty	Maint Qty	
107 Da	mage	2 IN HIGH OF INTERMEDIATE ST BOTTOM AT BOTH LOCATIONS. APPEARS TO BE FROM PREVIOU	PAR IS NOT ISSU	ED AS IT	2	1		Feet

Span	4	F	ar Bearing					
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
lement lumber	Defect 1	Гуре	Defect Description		cs	CS Qty	Maint Qty	
316 C	corrosion	INSPECTION. SECTION SE	EEN PAINTED SINCE PREVIO ON LOSS EXSISTS BENEATH S IN BOTH MASONRY AND SI S SECTION REMAINING.	THE	2	1		Each
	onnection	MELDED DEDAID MI	ITH NEW ANCHOR BOLTS.		1	2		Each

Span 4	ļ		Far Bear	ing					
Other	Bearing								
Elemen Numbe	-	El	ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Bearings		1	1 0	0 1	0	0	Each
515	515 Steel Prot		Coating	2	2	0	0	0	Square Feet
Element Number	Defect T	уре	Defect De	escription		cs	CS Qty	Maint Qty	
316 Co	orrosion	INSPI PAIN	RINGS HAVE BEEN PAINT ECTION. SECTION LOSS TED SURFACES IN BOTH ES. UP TO 90% SECTION	EXSISTS BENEATH MASONRY AND SO	THE	2	1		Each
316 Cd	nnection	WELI	DED REPAIR WITH NEW	ANCHOR BOLT.		1			Each

Spa	n 4	Near Bearing						
Othe	er Bearing							
Elen Nun	nent nber	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	0	1	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect Description	on		cs	CS Qty	Maint Qty	
316	Corrosion	BEARINGS HAVE BEEN PAINTED SININSPECTION. SECTION LOSS EXSIST PAINTED SURFACES IN BOTH MASON PLATES. UP TO 80% SECTION REMAI	S BENEATH T NRY AND SOL	HE	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED. PREVIOUS INSPECTION	REPAIRED S	SINCE	4	1		Square Feet
515	Damage	NEW REPAIR: PROTECTIVE COATING SINCE PREVIOUS INSPECTION	S IS REPAINTE	ED	2	1		Square Feet
-	General Comments							

Spa	an 4	Far Bearin	g					
Oth	ner Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	0	1	0 E	Each
515	Steel Pro	tective Coating	2	2	0	0	0 5	Square Feet
Elemei Numbe	Dofoct Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Loss of Bearing Area	NEW BEARING HAS A LOSS OF SPALL ON CAP. AREA REPAIR IN HIGH X 5 IN WIDE X 2 IN DEE	ED IS UNSOUND AN		3	1	1	Each
316	Connection	BEARING HAS WELDED REPAIR BOLTS.	R WITH NEW ANCHO	OR .	2		2	Each
	General Comments							

Spa	n 4		ı	Beam 4						
Plat	e Girder									
Elen Nun	nent nber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel O	pen Girder/Beam		50	49	1	0	0	Feet
515		Steel P	rotective Coating		458	458	0	0	0	Square Feet
Elemen Numbe	Dofo	ct Type		Defect Description			cs	CS Qty	Maint Qty	
107	Damage		BOTTOM AT BOTH	RMEDIATE STIFFENE LOCATIONS. PAR IS ROM PREVIOUS BRID	NOT ISSU	ED AS IT	2	1	·	Feet

General Comments

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 4		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
lement lumber	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS E PAINTED SURFACES IN BOTH I PLATES. UP TO 80% SECTION	XSISTS BENEATH TH MASONRY AND SOLE	HE	2	1	-	Each
Ger	neral Comments	,						

Span 4		Far Bearin	g				
Other E	Bearing						
Elemen Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other E	Bearings	1	-1	2	0	0 Each
515	Steel P	rotective Coating	2	2	0	0	0 Square Feet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty
316 Co	nnection	BEARING ASSEMBLY HAS A WE ANCHOR BOLTS.	LDED REPAIR WITH	INEW	2	2	2 Each

Spa	Span 4		urface					
Con	crete Wearing Su	rface						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	Wearing Surface		1,279	300	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
510	Effectiveness (Wearing Surface)		MINOR ABRASION WITH EXPOSED AGGREGATE ALONG THE WHEEL PATHS FOR FULL LENGTH		2	300		Square Feet
-	General Comments							

Spa	n 5	Deck						
Reir	nforced Concrete	Deck						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ed Concrete Deck	1,580	689	890	1	0 S	quare Feet
Elemen Numbe	Defect Type	Defect Descrip	otion		cs	CS Qty	Maint Qty	
12	Delamination/Spall	6 IN DIAMETER X 3/4 IN DEEP SPA DIAPHRAGM IN BAY 2 ABOVE BEN		IATE	3	1	1	Square Feet
12	Cracking (RC and Other)	FOUR (4) UP TO 0.02 IN WIDE X UP TRANSVERSE CRACKS IN RIGHT O SIMILAR CRACKS IN LEFT OVERHA	OVERHANG. FIVE	€ (5)	2	30	30	Square Feet
12	Cracking (RC and Other)	UP TO 0.02 IN WIDE RANDOM CRA UNDERSIDE, SCATTERED THROUGH			2	400	400	Square Feet
12	Cracking (RC and Other)	UP TO 0.03 IN WIDE RANDOM CRA FULL BAY WIDTH, STARTING AT 5 3. TYPICAL IN BAY 2.			2	450	450	Square Feet
12	Cracking (RC and Other)	UP TO 0.05 IN WIDE X 2 FT HIGH VI BENT DIAPHRAGM IN SEVERAL B		(S IN	2	10	10	Square Feet
	General Comments							

Span 5		Beam 4						
Plate Gi	rder							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS ² Qty	
107	Steel Op	oen Girder/Beam	50	47	0	3	0	Feet
515	Steel Pr	otective Coating	458	458	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
107 Dam	nage	3 FT LONG X 1/16 IN WIDE HOR DIAPHRAGM AT BENT 5	IZONTAL CRACK IN	I BENT	3	3		Feet

General Comments

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 5		Left E	ridge Rail					
Concre	te and Metal F	Railing						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other B	ridge Railing	50	44	0	6	0	Feet
515	Steel Pr	rotective Coating	50	50	0	0	0	Square Feet
lement lumber	Defect Type	Defe	et Description		cs	CS Qty	Maint Qty	
333 Dela	amination/Spall	UP TO 6 IN DIAMETER X 1 FACE AT ANCHOR BOLT (SEVERAL CONNECTIONS	CONNECTION. TYPICAL A	-	3	6		6 Feet

Spa	n 5	Right Brid	dge Rail					
Con	crete and Metal F	Railing						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other B	Bridge Railing	50	0	44	6	0 1	-eet
515	Steel P	rotective Coating	50	50	0	0	0	Square Feet
Elemen Numbe	Dofoct Type	Defect De	scription		CS	CS Qty	Maint Qty	
333	Delamination/Spall	UP TO 6 IN DIAMETER X 1.5 IN FACE AT ANCHOR BOLT CONN SEVERAL CONNECTIONS.		_	3	6	6	Feet
333	Damage	IMPACT DAMAGE WITH SCRAF LENTH IN BOTTOM OF SUPPLE		. SPAN	2	44	44	Feet

General Comments

Span 5	Nea	r Bearing					
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	Гуре De	fect Description		cs	CS Qty	Maint Qty	
316 Corrosion	INSPECTION. SECTION	PAINTED SINCE PREVIOUS LOSS EXSISTS BENEATH T I BOTH MASONRY AND SOLI	HE	2	1		Each

General Comments

Span 5		Far Beari	ng					
Other Bo	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 Corr	rosion	BEARINGS HAVE BEEN PAINTS INSPECTION. SECTION LOSS SE PAINTED SURFACES IN BOTH PLATES. UP TO 85% SECTION	EXSISTS BENEATH TH MASONRY AND SOLE	E	2	1	·	Each
Gene	eral Comments							

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

2

Each

BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE

PLATES. UP TO 90% SECTION REMAINING.

General Comments

316 Corrosion

Span 5		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 De	scription		CS	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINT INSPECTION. SECTION LOSS I PAINTED SURFACES IN BOTH PLATES. UP TO 95% SECTION	EXSISTS BENEATH T MASONRY AND SOL	HE	2	1		Each
Gen	neral Comments							

Spa	ın 5			Near Bearing						
Oth	er Bearing									
	ment nber		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
Elemen Numbe	Dofoct	Туре		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion		INSPECTION. SECT PAINTED SURFACE	EEN PAINTED SINCE F FION LOSS EXSISTS BI ES IN BOTH MASONRY % SECTION REMAININ	ENEATH TH		2	1		Each
	General Com	ments								

Span 5		Far Bearin	g					
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
lement Iumber Defec	t Type	Defect Des	cription		cs	CS Qty	Maint Qty	
316 Corrosion		BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS E. PAINTED SURFACES IN BOTH IN PLATES. UP TO 95% SECTION F	XSISTS BENEATH T MASONRY AND SOL	HE	2	1		Each

Span 5		Near Beari	ing					
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 E. PAINTED SURFACES IN BOTH N PLATES. UP TO 85% SECTION F	XSISTS BENEATH TI MASONRY AND SOLI	HE	2	1		Each
Gene	eral Comments							

Span 5		Far Beari	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
lement Number	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINT INSPECTION. SECTION LOSS PAINTED SURFACES IN BOTH PLATES. UP TO 95% SECTION	EXSISTS BENEATH TH MASONRY AND SOLE		2	1	·	Each
Ger	neral Comments							

Spa	ın 5	Wearing S	urface					
Con	ncrete Wearing Su	rface						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	Surface	1,579	1,279	300	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
510	Effectiveness (Wearing Surface)	MINOR ABRASION WITH EXPOSE THE WHEEL PATHS FOR FULL		ALONG	2	300	-	Square Feet
•	General Comments							

Spa	n 6	Deck						
Rei	nforced Concrete	Deck						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	1,580	1,147	433	0	0 S	quare Feet
Elemer Numbe	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
12	Cracking (RC and Other)	FOUR (4) UP TO 0.02 IN WIDE X UI TRANSVERSE CRACKS IN RIGHT SIMILAR CRACKS IN LEFT OVERH	OVERHANG. SE		2	30	30	Square Feet
12	Cracking (RC and Other)	UP TO 0.02 IN WIDE RANDOM CRAUNDERSIDE, SCATTERED THROU			2	400	400	Square Feet
12	Patched Areas	38 IN LONG X 1 FT HIGH SOUND O AREA, BOTTOM OF BAY 2 END DI			2	3		Square Feet

General Comments

Span 6		Beam 1						
Plate Girde	er							
Element Number 107	Element N Steel Open Girder/Bear		Total Qty 50	CS1 Qty 49	CS2 Qty	CS3 Qty 0	CS4 Qty	
515	Steel Protective Coating		458	458	0	0	0	Square Feet
Element Number De	efect Type	Defect Description	on .		cs	CS Qty	Maint Qty	
107 Damag	BOTTOM AT	INTERMEDIATE STIFFE BOTH LOCATIONS. PAF BE FROM PREVIOUS B	R IS NOT ISSU	ED AS IT	2	1		Feet

General Comments

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 6		Beam 4						
Plate Girde	er							
Element Number	Elemen	: Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Be	am	50	49	1	0	0	Feet
515	Steel Protective Coati	ng	458	458	0	0	0	Square Feet
Element Number De	efect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
107 Damag	BOTTOM A	OF INTERMEDIATE ST T BOTH LOCATIONS. TO BE FROM PREVIO	PAR IS NOT ISSU	ED AS IT	2	1	·	Feet

General Comments

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Spa	ın 6	Left Bridg	e Rail					
Cor	ncrete and Metal I	Railing						
Nur	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
333	Other E	Bridge Railing	50	44	0	6	0	Feet
515	Steel P	rotective Coating	50	50	0	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
333	Delamination/Spall	UP TO 6 IN DIAMETER X 1.5 IN FACE AT ANCHOR BOLT CONN SEVERAL CONNECTIONS.			3	6		6 Feet
	Ganaral Comments							

Spa	an 6	Right Bridge R	tail					
Cor	ncrete and Metal F	Railing						
Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other B	ridge Railing	50	0	0	50	0 F	eet
515	Steel P	rotective Coating	50	50	0	0	0 S	quare Feet
Elemer Numbe	Dofoct Typo	Defect Description	on		cs	CS Qty	Maint Qty	
333	Damage	HEAVY IMPACT DAMAGE WITH UP TO HIGH HOLES AND DENTS IN THE BO SUPPLMENTAL BRIDGE RAIL FOR FU DAMAGE EXTENDS INTO SPANS 7 A	TTOM OF CON JLL SPAN LENG	CRETE	3	49	49	Feet
333	Delamination/Spall	UP TO 6 IN DIAMETER X 1.5 IN DEEP FACE AT ANCHOR BOLT CONNECTION SEVERAL CONNECTIONS.	-	-	3	1	1	Feet
	General Comments							<u> </u>

Span 6 Other E		Near Beari	ng					
Element Number 316	i	Element Name Bearings	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel P	rotective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
316 Co	rrosion	BEARINGS HAVE BEEN PAINTEI INSPECTION. SECTION LOSS EX PAINTED SURFACES IN BOTH M PLATES. UP TO 85% SECTION R	XSISTS BENEATH T MASONRY AND SOLI	HE	2	1	·	Each

Span 6		Far Bearir	ng					
Other Be	earing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	searings	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 E PAINTED SURFACES IN BOTH I PLATES. UP TO 90% SECTION	XSISTS BENEATH TH MASONRY AND SOLE		2	1		Each
Gener	ral Comments							

Span 6		Near Bearing						
Other B	earing							
Element Number	Element N	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 EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE

PLATES. UP TO 85% SECTION REMAINING.

General Comments

316 Corrosion

Span	6	Far Bearin	g					
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 Desc	cription		CS	CS Qty	Maint Qty	
316 C	Corrosion	BEARINGS HAVE BEEN PAINTEI INSPECTION. SECTION LOSS EX PAINTED SURFACES IN BOTH M PLATES. UP TO 90% SECTION R	KSISTS BENEATH TH IASONRY AND SOLE		2	1		Each
Ge	eneral Comments							

Spa	ın 6		ı	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 PAINTED SURFACE	EEN PAINTED SINCE F ION LOSS EXSISTS BI S IN BOTH MASONRY 6 SECTION REMAININ	ENEATH T	HE	2	1		Each
	General Com	ments								

Span 6		Far Bearii	ng					
Other I	Bearing							
Elemen Numbe	=	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Oth	er Bearings	1	0	0	1	0	Each
515	Ste	el Protective Coating	2	2	0	0	0	Square Feet
lement Number	Defect Type	e Defect Des	scription		cs	CS Qty	Maint Qty	
316 Co	nnection	LEFT ANCHOR BOLT HAS UP T AND ANCHOR BOLT NUT HAS I REMAINING.	0 0070 020 11011 1121		3	1		1 Each
316 Co	orrosion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS E PAINTED SURFACES IN BOTH PLATES. UP TO 90% SECTION	EXSISTS BENEATH T MASONRY AND SOL	HE	2			Each

g							
9							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Other Bea	arings	1	0	1	0	0	Each
Steel Pro	tective Coating	2	2	0	0	0	Square Feet
t Type	Defect Des	scription		cs	CS Qty	Maint Qty	
	INSPECTION. SECTION LOSS E PAINTED SURFACES IN BOTH	EXSISTS BENEATH TH MASONRY AND SOLE		2	1		Each
	Steel Pro	Other Bearings Steel Protective Coating It Type BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS E PAINTED SURFACES IN BOTH PLATES. UP TO 95% SECTION	Element Name Qty Other Bearings 1 Steel Protective Coating 2 It Type Defect Description BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 95% SECTION REMAINING.	Element Name Qty Qty Other Bearings 1 0 Steel Protective Coating 2 2 It Type Defect Description BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 95% SECTION REMAINING.	Element Name Qty Qty Qty Other Bearings 1 0 1 Steel Protective Coating 2 2 0 It Type Defect Description CS BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 95% SECTION REMAINING.	Element Name Qty Qty Qty Qty Other Bearings 1 0 1 0 Steel Protective Coating 2 2 0 0 Et Type Defect Description CS CS Qty BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 95% SECTION REMAINING.	Element Name Qty Qty Qty Qty Qty Qty Other Bearings 1 0 1 0 0 Steel Protective Coating 2 2 0 0 0 Et Type Defect Description CS CS Qty BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 95% SECTION REMAINING.

General	Comments
General	Comments

6	Far Bearing	g					
Bearing							
ent eer Other Re	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Each
	ŭ	2	0	0	2	-	Square Feet
Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
Corrosion	INSPECTION. SECTION LOSS EXPAINTED SURFACES IN BOTH MPLATES. UP TO 80% SECTION R	KSISTS BENEATH TH IASONRY AND SOLE EMAINING. RUST	HE E	2	1	Í	Each
Effectiveness (Steel Protective Coatings)	STEEL PROTECTIVE COATING IS EFFECTIVENESS IN BEARING.	S OF LIMITED		3	2	2	2 Square Feet
	Defect Type Corrosion Steel Pro	nt er Element Name Other Bearings Steel Protective Coating Defect Type Defect Description BEARINGS HAVE BEEN PAINTEL INSPECTION. SECTION LOSS EXPAINTED SURFACES IN BOTH MPLATES. UP TO 80% SECTION R STAINING PRESENT IN NEWLY Institute of the section of the sect	Bearing Int Element Name Qty Other Bearings 1 Steel Protective Coating 2 Defect Type Defect Description Corrosion BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH TO PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 80% SECTION REMAINING. RUST STAINING PRESENT IN NEWLY PAINTED SURFACES IN STEEL PROTECTIVE COATING IS OF LIMITED	Bearing Int Element Name Total CS1 er Element Name Qty Qty Other Bearings 1 0 Steel Protective Coating 2 0 Defect Type Defect Description Corrosion BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 80% SECTION REMAINING. RUST STAINING PRESENT IN NEWLY PAINTED SURFACES. Iffectiveness (Steel STEEL PROTECTIVE COATING IS OF LIMITED	Bearing Int Element Name Cother Bearings Other Bearings Other Bearings Total Qty Qty Qty Qty Qty Other Bearings 1 0 1 Steel Protective Coating 2 0 0 Defect Type Defect Description CS Corrosion BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 80% SECTION REMAINING. RUST STAINING PRESENT IN NEWLY PAINTED SURFACES. Iffectiveness (Steel STEEL PROTECTIVE COATING IS OF LIMITED 3	Bearing Int Element Name Cother Bearings Other Bearings Steel Protective Coating Defect Type Defect Description Defect Type Defect Description Defect Description Defect Description Defect Description CS CS Qty Corrosion BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 80% SECTION REMAINING. RUST STAINING PRESENT IN NEWLY PAINTED SURFACES. Iffectiveness (Steel STEEL PROTECTIVE COATING IS OF LIMITED 3 3 2	Total CS1 CS2 CS3 CS4 er Element Name Qty Qty Qty Qty Qty Qty Other Bearings 1 0 1 0 0 0 Steel Protective Coating 2 0 0 0 2 0 Defect Type Defect Description CS CS Qty Other Bearings SHAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 80% SECTION REMAINING. RUST STAINING PRESENT IN NEWLY PAINTED SURFACES. Iffectiveness (Steel STEEL PROTECTIVE COATING IS OF LIMITED 3 3 2

Spa	n 6	Wearing	Surface					
Cor	icrete Wearing Sເ	ırface						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	g Surface	1,579	1,279	300	0	0	Square Feet
Elemen Numbe	Defeat Type	Defect De	escription		cs	CS Qty	Maint Qty	
510	Effectiveness (Wearing Surface)	MINOR ABRASION WITH EXP		ALONG	2	300		Square Feet
	General Comments							

Spa	n 7	Deck						
Rei	nforced Concrete	Deck						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	1,580	1,150	430	0	0 8	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
12	Cracking (RC and Other)	FOUR (4) UP TO 0.02 IN WIDE > TRANSVERSE CRACKS IN RIGI SIMILAR CRACKS IN LEFT OVE	HT OVERHANG. SE		2	30	30	Square Feet
12	Cracking (RC and Other)	UP TO 0.02 IN WIDE RANDOM OUNDERSIDE, SCATTERED THR		(2	400	400	Square Feet

General Comments

Span 7		Beam 1						
Plate Girde	er							
Element Number 107	Steel O	Element Name	Total Qty 50	CS1 Qty 49	CS2 Qty	CS3 Qty 0	CS4 Qty	
515	Steel P	rotective Coating	458	458	0	0	0	Square Feet
Element Number De	fect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
107 Damage	e	2 IN HIGH OF INTERMEDIATE S BOTTOM AT BOTH LOCATION APPEARS TO BE FROM PREVI	S. PAR IS NOT ISSU	ED AS IT	2	1		Feet

General Comments

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 7		Beam 4						
Plate G	irder							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	pen Girder/Beam	50	49	1	0	0	Feet
515	Steel P	rotective Coating	458	458	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	:
107 Dar	mage	2 IN HIGH OF INTERMEDIATE S BOTTOM AT BOTH LOCATIONS APPEARS TO BE FROM PREVIO	S. PAR IS NOT ISSU	ED AS IT	2	1		Feet

General Comments

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Spa	n 7	Left Bridg	je Rail					
Con	crete and Metal F	Railing						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other E	Bridge Railing	50	44	0	6	0	Feet
515	Steel P	rotective Coating	50	50	0	0	0	Square Feet
Elemen Numbe	Dofoct Type	Defect De	scription		cs	CS Qty	Maint Qty	
333	Delamination/Spall	UP TO 6 IN DIAMETER X 1.5 IN FACE AT ANCHOR BOLT CONN SEVERAL CONNECTIONS.	_	_	3	6		6 Feet
	Conoral Commonte							

Spa	an 7	Right Bridge F	Rail					
Cor	ncrete and Metal F	Railing						
Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333 515		ridge Railing rotective Coating	50 50	0 50	0	50 0	-	eet quare Feet
Elemer Numbe	Dofoct Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
333	Damage	HEAVY IMPACT DAMAGE WITH UP T HIGH HOLES AND DENTS IN THE BC BRIDGE RAIL FOR FULL SPAN LENG EXTENDS INTO SPANS 8 AND 6.	TTOM SUPPLM		3	49	49	Feet
333	Delamination/Spall	UP TO 6 IN DIAMETER X 1.5 IN DEEF FACE AT ANCHOR BOLT CONNECTIONS.	-	_	3	1	1	Feet
	General Comments							

Span Other	7 · Bearing	Near Beari	ng					
Eleme Numb	ent eer	Element Name Bearings	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel I	Protective Coating	2	2	0	0	0	Square Feet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
316 C	Corrosion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS EX PAINTED SURFACES IN BOTH M PLATES. UP TO 95% SECTION F	XSISTS BENEATH TH MASONRY AND SOLE		2	1		Each

Span 7		Far Bearin	ıg					
Other Be	aring							
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 E PAINTED SURFACES IN BOTH I PLATES. UP TO 95% SECTION I	XSISTS BENEATH TH MASONRY AND SOLE		2	1		Each
Gener	al Comments							

Span 7		Near Bearing						
Other B	earing							
Element Number	Element N	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 EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE

PLATES. UP TO 95% SECTION REMAINING.

General Comments

316 Corrosion

Span 7	7	Far Beari	Far Bearing						
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	rotective Coating	2		0	0	0	Square Feet	
lement lumber	Defect Type	Defect De	scription		CS	CS Qty	Maint Qty		
316 Co	orrosion	BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 90% SECTION REMAINING.				1		Each	
Ger	neral Comments								

Spa	n 7		N	lear 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 '	Гуре		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	on BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 85% SECTION REMAINING.					2	1		Each
	General Com	nents								

Span 7		Far Bearin	Far Bearing							
Other Bearing	ng									
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	Protective Coating	2	2	0	0	0	Square Feet		
lement Jumber Defect Type Defect Description			cription		cs	CS Qty	Maint Qty			
INSPEC PAINTEI		INSPECTION. SECTION LOSS E	E BEEN PAINTED SINCE PREVIOUS ECTION LOSS EXSISTS BENEATH THE ACES IN BOTH MASONRY AND SOLE 90% SECTION REMAINING.			1		Each		

Inspection Date: <u>06/15/2021</u> Structure Number: 500100

Span 7		Near Bear	ring					
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	scription		cs	CS Qty	Maint Qty	
316 Cor	rosion	BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS E PAINTED SURFACES IN BOTH PLATES. UP TO 95% SECTION	EXSISTS BENEATH TH MASONRY AND SOLE		2	1	·	Each
Gene	eral Comments							

Span 7		Far Bearin	g					
Other I	Bearing							
Elemen Numbe	· -	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 Desc	cription		cs	CS Qty	Maint Qty	
316 Co	orrosion	BEARINGS HAVE BEEN PAINTEI INSPECTION. SECTION LOSS EX	KSISTS BENEATH TH		2	1	Each	

PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 80% SECTION REMAINING.

General Comments

Spa	n 7	Wearing S	Surface					
Con	crete Wearing Su	ırface						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	g Surface	1,579	1,279	300	0	0	Square Feet
lemen lumbe	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
510	Effectiveness (Wearing Surface)	MINOR ABRASION WITH EXPO THE WHEEL PATHS FOR FULL		ALONG	2	300		Square Feet
-	General Comments							

Spa	ın 8	Deck						
•	nforced Concrete	Deck						
	ment nber Reinford	Element Name	Total Qty 1,588	CS1 Qty 1,288	CS2 Qty	CS3 Qty	CS4 Qty	quare Feet
Elemen Numbe	nt Defect Type	Defect Des		-,,=00	cs	CS Qty	Maint Qty	
12	Cracking (RC and Other)	UP TO .05 IN WIDE X 3 FT LONG UNDER RIGHT OVERHANG SIM OVERHANG			2	50	50	Square Feet
12	Cracking (RC and Other)	UP TO 0.02 IN WIDE RANDOM C UNDERSIDE, SCATTERED THRO			2	250	250	Square Feet
	General Comments							

Span	n 8			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	49	1	0	0	Feet
515		Steel P	rotective Coating		461	461	0	0	0	Square Feet
Element Number	Defect	Туре		Defect Description	1		cs	CS Qty	Maint Qty	
107	Damage		BOTTOM AT BOTH	RMEDIATE STIFFEN LOCATIONS. PAR I ROM PREVIOUS BR	IS NOT ISSU	ED AS IT	2	1		Feet

General Comments

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

10% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 8		Beam 4						
Plate Gi	rder							
Element Number 107	Steel O	Element Name pen Girder/Beam	Total Qty 50	CS1 Qty 49	CS2 Qty	CS3 Qty 0	CS4 Qty	
515	Steel P	rotective Coating	461	461	0	0	0	Square Feet
Element Number	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
107 Dan	nage	2 IN HIGH OF INTERMEDIATE BOTTOM AT BOTH LOCATION APPEARS TO BE FROM PREV	NS. PAR IS NOT ISSU	ED AS IT	2	1		Feet

General Comments

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

 4° OF RUST SCALE ALONG BOTTOM FLANGE, BEGINNING AT BENT 7. -NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Spa	an 8			Left Bridge Rail						
Cor	ncrete a	and Metal R	Railing							
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333		Other B	ridge Railing		51	45	0	6	0	Feet
515		Steel Pr	otective Coating		51	51	0	0	0	Square Feet
Elemer Numbe	_ D	efect Type		Defect Description			cs	CS Qty	Maint Qty	
333	Delami	nation/Spall		TER X 1.5 IN DEEP SPA BOLT CONNECTION. T CTIONS.		_	3	6		6 Feet
	General	Comments								

Span 8		Right Bridge	Rail					
Concrete	and Metal R	ailing						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Br	idge Railing	51	0	0	51	0 F	eet
515	Steel Pro	otective Coating	51	51	0	0	0 S	quare Feet
Element Number	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
333 Dama	ige	HEAVY IMPACT DAMAGE WITH UITHIGH HOLES AND DENTS IN THE SUPPLMENTAL BRIDGE RAIL FOR DAMAGE EXTENDS INTO SPANS	BOTTOM OF R FULL SPAN LEN		3	49	50	Feet
333 Delan	nination/Spall	1 FT LONG X 4 IN WIDE X 1 IN DEE FACE AT END BENT 2	EP SPALL IN BOT	TOM	3	1	1	Feet
333 Delan	nination/Spall	UP TO 6 IN DIAMETER X 1.5 IN DE FACE AT ANCHOR BOLT CONNEC			3	1	1	Feet

Spa	n 8		I	Near Bearing						
Othe	er Bearing									
Elen Num			Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Bea	arings		1	0	1	0	0	Each
515		Steel Prot	ective Coating		2	2	0	0	0	Square Feet
Element Number	Dofoct T	Гуре		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion		INSPECTION. SECT PAINTED SURFACE	EEN PAINTED SINCE F FION LOSS EXSISTS BI ES IN BOTH MASONRY % SECTION REMAININ	ENEATH THE	ΗE	2	1	·	Each
-	General Comr	nents								

Span 8		Far Beari	ng					
Other Bear	ing							
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 Def	fect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316 Corrosio	n	BEARINGS HAVE BEEN PAINTS INSPECTION. SECTION LOSS SE PAINTED SURFACES IN BOTH PLATES. UP TO 85% SECTION	EXSISTS BENEATH T MASONRY AND SOL	HE	2	1		Each

General Comments

Span 8		Near Bear	ing					
Other Bearing	ng							
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 Defe	ect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
316 Corrosion		BEARINGS HAVE BEEN PAINTE INSPECTION. SECTION LOSS E PAINTED SURFACES IN BOTH I PLATES. UP TO 85% SECTION I	XSISTS BENEATH T MASONRY AND SOL	HE	2	1		Each

General Comments

Span 8		Far Bearing						
Other Bearing								
Element Number	Element Na	ıme	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	Туре	Defect Description	l		cs	CS Qty	Maint Qty	
316 Corrosion	INSPECTION. PAINTED SUR	VE BEEN PAINTED SINCI SECTION LOSS EXSISTS FACES IN BOTH MASONI O 85% SECTION REMAIN	BENEATH T RY AND SOL	HE	2	1		Each

General Comments

Span 8		Near I	Bearing					
Other Bear	ring							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	2	2	0	0	0	Square Feet
Element Number De	efect Type	Defec	t Description		cs	CS Qty	Maint Qty	
316 Connec	ction	BEARING ASSEMBLY HAS ANCHOR BOLT.	WELDED REPAIR WITH	NEW	2	1	-	1 Each
General	Comments							

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

PLATES. UP TO 85% SECTION REMAINING.

General Comments

General Comments

Span 8		Near Bear	ring					
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 De	scription		cs	CS Qty	Maint Qty	
316 Corr	rosion	BEARINGS HAVE BEEN PAINTI INSPECTION. SECTION LOSS I PAINTED SURFACES IN BOTH PLATES. UP TO 95% SECTION	EXSISTS BENEATH TI MASONRY AND SOLI	HE	2	1	-	Each
Gene	eral Comments							

Spa	n 8		ı	Far Bearing						
Oth	er Bearing									
	ment nber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Bea	rings		1	0	1	0	0	Each
515		Steel Prot	ective Coating		2	2	0	0	0	Square Feet
Elemen Numbe	Dofoct	Туре		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion		INSPECTION. SECT PAINTED SURFACE	EEN PAINTED SINCE ION LOSS EXSISTS B IS IN BOTH MASONRY 6 SECTION REMAININ	ENEATH THE		2			Each
316	Movement		UP TO 1/2 IN MOVE HALF OF THE MASO	MENT TOWARDS THE DNRY PLATE.	SOUTH LE	FT	2	1		1 Each

Spa	ın 8	Wearing S	urface					
Cor	ncrete Wearing Su	urface						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearin	g Surface	1,587	1,287	300	0	0	Square Feet
lemer lumbe	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
510	Effectiveness (Wearing Surface)	MINOR ABRASION WITH EXPO		ALONG	2	300		Square Feet
	General Comments							

Bent 1		Pile 1						
Other F	Pile							
Element Number	=	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other P	ile	1	0	1	0	0 Each	
lement Sumber	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
229 Da	mage	VEGETATION GROWTH ALONG FOR UP TO 12 FT HIGH.	G SOUTHWEST COR	NER	2	1	1 Each	

General Comments

Bent	1	Pile 3						
Othe	r Pile							
Elem-		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pi	le	1	0	1	0	0 E	ach
lement lumber	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
229	Damage	MINOR VEGETATION GROWTH FACES.	IN SOUTH AND NO	RTH	2	1	1	Each
G	eneral Comments							

Ben	t 1		Pile 4						
Othe	er Pile								
Elen Num 229		Other Pile	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	
Elemen	Dofos	ct Type	Defect De	scription		cs	CS Qty	Maint Qty	
229	Damage		MINOR VEGETATION GROWTH FACES.	I IN SOUTH AND NO	RTH	2	1	,	Each
-	General Co	mments							

End	Bent 1	Abutment						
Rein	forced Concrete	Abutment						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinford	ced Concrete Abutment	33	31	2	0	0 Feet	
Element Number	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	3 FT HIGH X 0.05 IN WIDE VERT EFFLORESCENCE IN BAYS 1 AI			2	2	Feet	
(General Comments							

End	d Bent 1	Cap 1						
Rei	inforced Concr	ete Pier Cap						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Rei	nforced Concrete Pier Cap	33	27	6	0	0 Feet	
Eleme	Dofoot Type	e Defect De	scription		cs	CS Qty	Maint Qty	
234	Cracking (RC an Other)	IN FACE OF CAP BELOW BAY		ACKS	2	4	Feet	
234	Cracking (RC an Other)	tid TWO (2) 2 FT LONG X 0.03 IN V FACE OF CAP BELOW BAY 2.		CKS IN	2	2	Feet	
	General Commen	ts						_

^{3&#}x27; DIAGONAL HAIRLINE CRACK WITH EFFLORESCENCE, FACE OF CAP OUTSIDE BAY 4 - NOT OBSERVED

							•	
En	d Bent 2	Abut	ment					
Rei	inforced Con	crete Abutment						
Nu	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	F	Reinforced Concrete Abutment	33	12	21	0	0	Feet
Eleme Numb	Dofoct Ty	rpe Defe	ect Description		cs	CS Qty	Maint Qty	
215	Cracking (RC Other)	and 4 FT HIGH X UP TO 0.05	IN WIDE VERTICAL CRAC	K IN BAY	2	1		Feet
215	Scour	HEAVY VEGETATION GR OVERHANGS	ROWTH UNDER BOTH		2	20		Feet
	General Comm	ents						

End	l Bent 2	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ced Concrete Pier Cap	33	22	0	11	0	Feet
Elemer Numbe	Dofoct Typo	Defect Descr	ription		CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	2 FT HIGH X 1/16 IN WIDE DIAGO BEAM 4.	NAL CRACK UNDE	R	3	2	2	? Feet
234	Cracking (RC and Other)	3 FT LONG X 1/16 IN WIDE HORIZ BEAM 2. TYPICAL AT BEAM 3.	ONTAL CRACK, B	ELOW	3	6	6	6 Feet
234	Cracking (RC and Other)	3 FT LONG X UP TO 1/16 IN WIDE BELOW BAY 1.	HORIZONTAL CR	ACK,	3	3	3	B Feet
	General Comments							

Bent 3		Pile 1						
Other Pi	le							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other P	ile	1	0	0	1	-	Each
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
229 Scou	ır	Underwater Inspection 9/13/17: 3 Matthew.	of scour post hurrication	ane	3	1	3	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						
Othe	r Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other	Pile	1	0	0	1	0 Each	
Element Number	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 3ft. Matthew.	. of scour post hurrica	ane	3	1	3 Each	

General Comments

Ber	nt 3			Pile 3						
Oth	er Pile									
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229		Other Pile	e		1	0	0	1	0	Each
Eleme	_ D_	efect Type		Defect Description			cs	CS Qty	Maint Qty	
229	Scour		Underwater Inspection Matthew.	on 9/13/17: 4ft. of scoul	r post hurrica	ane	3	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	: 3	Pile 4						
Othe	er Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other F	Pile	1	0	0	0	1	Each
lement lumber	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
229	Scour	•	Underwater Inspection 9/13/17: 5ft. of scour post hurricane Matthew. (PRIORTIY MAINTENANCE ISSUED)			1	5	Each
229	Corrosion	Underwater Inspection 9/13/17: Reedges of exposed steel pile.	andom 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.

Ber Oth	nt 3 ier Pile	Pile 5						
	ment mber Other	Element Name Pile	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Each
Elemer Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 5f Matthew. (PRIORTIY MAINTENA	•	ane	4	1	-	Each
229	Corrosion	Underwater Inspection 9/13/17: R edges of exposed steel pile.	andom rust blisters or	flange	2			Each

General Comments

Ben	t 3	Pile 6						
Othe	er Pile							
Elen Num 229	nent nber Other F	Element Name Pile	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty	Each
Element Number	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 5ft Matthew. (PRIORTIY MAINTENAN	•	ane	4	1	Ę	5 Each
229	Corrosion	Underwater Inspection 9/13/17: Ra edges of exposed steel pile.	andom rust blisters or	n flange	2			Each

Structure Number: 500100

facial concrete.

Bent 3		Pile 7						
Other	Pile							
Elemer Numbe	- -	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other P	Pile	1	0	0	0	1	Each
lement lumber	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
229 So	cour	Underwater Inspection 9/13/17: 5ft. of scour post hurricane Matthew. (PRIORTIY MAINTENANCE ISSUED)			4	1		5 Each
229 Co	orrosion	Underwater Inspection 9/13/17: Reedges of exposed steel pile.	andom rust blisters or	n flange	2			Each

General Comments

Bent	4	Cap 1						
Rein	forced Concrete	Pier Cap						
Elem Num	••••	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfor	ced Concrete Pier Cap	32	20	0	10	2 Feet	
Element Number	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
234	Patched Area	NEW REPAIR: 17 IN WIDE X UP TO IN DEEP SPALLED PATCHED ARE EXTENDING BELOW BEAM 3 BEA BEARING IS NOT SEATED LEVEL. PREVIOUS INSPECTION ARE UNS	A, TOP OF SOUT RING ASSEMBLY REPAIRS MADE	H FACE,	4	2	Feet	
234	Patched Area	15 IN HIGH X 21 IN WIDE UNSOUN AREA, TOP SOUTHEAST CORNER BEARING ASSEMBLY OF BEAM 4 LONG X 0.02 IN WIDE DIAGONAL TOP LEFT CORNER IN SOUTH FA WIDE X 15 IN LONG VERTICAL CR	OF CAP, BELOV PATCH EXHIBIT CRACK STARTIN CE AND A UP TO	V NEW S A 8 IN G AT 0.03 IN	3	2	2 Feet	
234	Patched Area	3.5 FT LONG X 1.5 FT HIGH UNSO WITH SPALLS, TOP OF SOUTH FA			3	4	4 Feet	
234	Patched Area	NEW REPAIR 18 IN WIDE X 1 FT H CONCRETE PATCH IN SOUTH FAC BEARING IS NOT SEATED LEVEL. PREVIOUS INSPECTION ARE UNS	REPAIRS MADE		3	2	2 Feet	
234	Patched Area	UP TO 2 FT DIAMETER UNSOUND REPAIR TO PREVIOUSLY SPALLE OBSERVED		СН	3	2	2 Feet	

Ber	nt 4			Pile 1							
Oth	er Pile										
Nu	ment mber	Other Dile	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	t.	
229		Other Pile			1	0	0	0	1 E	Each	
Elemer	Dofoot '	Туре		Defect Description			cs	CS Qty	Maint Qty		
229	Scour	st		ion 9/13/17: 5ft. of scou cane Matthew. (PRIOR			4	1	1	Each	
229	Corrosion		nderwater Inspecti dges of exposed st	ion 9/13/17: Random ru teel pile.	ıst blisters or	n flange	1			Each	
	General Com	ments									

> 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 4	Pile 2						
Othe	er Pile							
Elen Nun	nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other	Pile	1	0	0	0	1	Each
lemen lumbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 6ft. steel pile post hurricane Matthew. (ISSUED)			4	1	1	Each
229	Corrosion	Underwater Inspection 9/13/17: Ra 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.

Ben	t 4	Pile 3						
Othe	er Pile							
Elen Num 229		Element Name Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 Ea	ach
Element Number	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 8.6 exposed steel pile post hurricane M MAINTENANCE ISSUED)		of	4	1	9	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.

Bent	t 4	Pile 4						
Othe	er Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other	Pile	1	0	0	0	1	Each
lement lumber	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
229 Scour Underwater Inspection 9/13/17: 8.8ft. of scou exposed steel pile post hurricane Matthew. (I MAINTENANCE ISSUED)			of	4	1	(each Each	
229	Corrosion	Underwater Inspection 9/13/17: Randedges of exposed steel pile.	dom rust blisters or	n flange	2			Each

General Comments

Bent	t 4		Pile 5						
Othe	er Pile								
Elem Num 229		Other Pile	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Each
Element Number	Dofoot		Defect Desc	cription		cs	CS Qty	Maint Qty	Lacii
229	Scour		Underwater Inspection 9/13/17: 7ft steel pile post hurricane Matthew. ISSUED)			4	1	7	' Each
229	Corrosion		Underwater Inspection 9/13/17: Raedges of exposed steel pile.	andom rust blisters or	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	t 4	Pile 6						
Othe	er Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other F	Pile	1	0	0	0	1	Each
lement lumber	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 7ft. steel pile post hurricane Matthew. (ISSUED)			4	1	7	Z Each
229	Corrosion	Underwater Inspection 9/13/17: Ra 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.

Ben	t 4	Pile 7						
Othe	er Pile							
Elen Num 229		Element Name	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Each
Element Number	Defect Time	Defect Descr	ription		cs	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 8ft. exposed steel pile post hurricane M MAINTENANCE ISSUED)		of	4	1	8	Each
229	Corrosion	Underwater Inspection 9/13/17: Rar edges of exposed steel pile.	ndom rust blisters on	flange	2			Each

General Comments

Element Number	Defect Type	Defe	ect Description		cs	CS Qty	Maint Qty	
229	Other Pile		,	0	0	0	1 Each	
Element Number		Element Name	Tota Qty		CS2 Qty	CS3 Qty	CS4 Qty	
Other P	Pile							
Bent 5		Pile	1					

8 Each

229 Scour Underwater Inspection 9/13/17: 8ft. of scour with 3ft. of exposed 4

steel pile post hurricane Matthew. (PRIORTIY MAINTENANCE

SSUED)

229 Corrosion Underwater Inspection 9/13/17: Random rust blisters on flange 2 Each

edges of exposed steel pile.

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 2						
Other	Pile							
Elemen Number 229		Element Name e	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty	Each
lement umber	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
229 S	cour	Underwater Inspection 9/13/17: 9ft. of steel pile post hurricane Matthew. (PISSUED)			4	1		9 Each
229 C	orrosion	Underwater Inspection 9/13/17: Randedges of exposed steel pile.	dom 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 Othe	t 5 er Pile	Pile 3						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other F	Pile	1	0	0	0	1 E	ach
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. (I ISSUED)			4	1	8	Each
229	Corrosion	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	t 5	Pile 4						
Othe	er Pile							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Oth	er Pile	1	0	0	0	1 Ea	ıch
Element Number	Dofoot Typo	e Defect Desc	ription		cs	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 8ft steel pile post hurricane Matthew. (ISSUED)			4	1	8	Each
229	Corrosion	Underwater Inspection 9/13/17: Ra edges of exposed steel pile.	ndom rust blisters or	n flange	2			Each

General Comments

Bent :	5	Pile 5						
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 1	Each
Element Number	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
229 S	Scour	Underwater Inspection 9/13/17: 8ft. of steel pile post hurricane Matthew. (PISSUED)			4	1	8	Each
229 C	Corrosion	Underwater Inspection 9/13/17: Randedges of exposed steel pile.	dom 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						
Othe	er Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other F	Pile	1	0	0	0	1 1	Each
lement lumber	Dofoct 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	8	Each
229	Corrosion	Underwater Inspection 9/13/17: Ra 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	Sent 5	Pile 7						
Othe	er Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other F	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	8 Each	
229	Corrosion	Underwater Inspection 9/13/17: Rai edges of exposed steel pile.	ndom rust blisters or	n flange	2		Each	

General Comments

lement lumber	Defect Type	Defect Desc	ription		cs c	S Qty	Maint Qty	
Number 229	Other Pile	Element Name	Qty 1	Qty 0	Qty 0	Qty 1	Qty 0 Each	
Element		Element Name	Total	CS1	CS2	CS3	CS4	
Other Pil	le							
Bent 6		Pile 1						

229	Scour	Underwater Inspection 9/13/17: 3ft. of scour with 1ft. of exposed steel pile post hurricane Matthew.	3	1	3	Each
229	Corrosion	Underwater Inspection 9/13/17: Random rust blisters on flange edges of exposed steel pile.	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	t 6	Pile 2						
Othe	er Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other I	Pile	1	0	0	1	0 Ea	ach
Element Number	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 4ft steel pile post hurricane Matthew.	. of scour with 1ft. of	exposed	3	1	4	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.

Ber	nt 6		Pile 3						
Oth	er Pile								
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229		Other Pil	e	1	0	0	1	0	Each
Elemei Numbe	Dofo	ct Type	Defect Des	cription		cs	CS Qty	Maint Qty	
229	Scour		Underwater Inspection 9/13/17: 4 steel pile post hurricane Matthew.		exposed	3	1	4	4 Each
229	Corrosion		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 6	Pile 4						
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 Type	Defect Descr	ription		cs	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 5ft. steel pile post hurricane Matthew. (FISSUED)			4	1	5	5 Each
229	Corrosion	Underwater Inspection 9/13/17: Rar edges of exposed steel pile.	ndom rust blisters or	n flange	2			Each

General Comments

Bent	t 6	Pile 5						
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 E	Each
lement lumber	Dofoot Typo	Defect Descr	ription		cs	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 5ft. steel pile post hurricane Matthew. (FISSUED)			4	1	5	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	t 6	Pile 6						
Othe	er Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other F	Pile	1	0	0	0	1 E	Each
lement lumber	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 5ft. steel pile post hurricane Matthew. (ISSUED)			4	1	5	Each
229	Corrosion	Underwater Inspection 9/13/17: Ra 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	t 6	Pile 7						
Othe	er Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other F	Pile	1	0	0	0	1 Each	
lement lumber	Defect Type	Defect Descr	ription		CS	CS Qty	Maint Qty	
229	Scour	Underwater Inspection 9/13/17: 5ft. steel pile post hurricane Matthew. (FISSUED)			4	1	5 Each	
229	Corrosion	Underwater Inspection 9/13/17: Rar edges of exposed steel pile.	ndom rust blisters or	n flange	2		Each	_

General Comments

Bent 7		Cap 1						
Reinfor	ced Concrete Pier Cap							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap		32	27	5	0	0 Feet	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>500100</u>					Ins	spection Date: 06/1	5/2021
234	Cracking (RC and Other)	HAIRLINE HORIZONTAL CRAC	KS IN BOTH ENDS		2	2	Feet	
234	Delamination/Spal	I 3 FT WIDE X 6 IN HIGH DELAMI HORIZONTAL CRACK UP TO 1/ NORTH FACE, OVER PILE 3.			2	3	3 Feet	
	General Comments	<u> </u>						_
Ben	nt 7	Pile 1						
Oth	er Pile							
	ment	Clamant Nama	Total	CS1	CS2	CS3	CS4	
229	mber Other	Element Name Pile	Qty 1	Qty 0	Qty 0	Qty 1	Qty 0 Each	
Elemen	nt						Maint	
Numbe	Pr Defect Type	Defect Des	•	IED OE	CS	CS Qty	Qty	
229	Damage	VEGETATION GROWTH ALONG PILE FOR FULL HEIGHT.	NORTHWEST CORN	IER OF	3	1	1 Each	_
	General Comments			CBOLING	N 1815	NOT ODG	EDVED.	
_		ST ON WEB AND FLANGES OF EXPO	OSED STEEL PILE AT	GROUNL	LINE	MOT ORSE	EK VED	
Ben		Pile 6						
Oth	er Pile							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other		1	0	0	1	0 Each	
Elemen	nt Defect Toma	Defeat Dec				00.04.	Maint	
Numbe 229	Defect Type Corrosion	Defect Des	-	THE	CS	CS Qty	Qty 1 Each	
223	Corrosion	BOTTOM EXHIBITS HEAVY SUP NO MEASUREABLE SECTION L WEB.	RFACE CORROSION \	NITH	J	'	i Lacii	
229	Damage	MINOR VEGETATION GROWTH	ON SOUTH FACE OF	PILE.	2		Each	
•	General Comments							
	SURFACE RUS	ST ON WEB AND FLANGES OF EXPO	OSED STEEL PILE AT	GROUND	DLINE	NOT OBSE	ERVED	
Ben	nt 7	Pile 5						
Oth	er Pile							
	ment	Clament Name	Total	CS1	CS2	CS3	CS4	
Nur 229	mber Other	Element Name Pile	Qty 1	Qty 0	Qty 1	Qty 0	Qty 0 Each	
Elemen	nt						Maint	
Numbe	Pr Defect Type	Defect Des	-		CS	CS Qty	Qty	
229	Damage General Comments	MINOR VEGETATION GROWTH	ON SOUTH FACE OF	PILE.	2	1	1 Each	_
	General Comments							
Dar	4 7	Dila 4						
Ben Oth	nt / er Pile	Pile 4						
	ment	Flower (N	Total	CS1	CS2	CS3	CS4	
Nur 229	mber Other	Element Name Pile	Qty 1	Qty 0	Qty 1	Qty 0	Qty 0 Each	
Elemen							Maint	
Numbe	er Defect Type	Defect Des	-		CS	CS Qty	Qty	
229	Damage	MINOR VEGETATION GROWTH	ON NORTHWEST CO	DRNER.	2	1	1 Each	

General Comments

Bent 7		Pile 3						
Other	Pile							
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other P	ile	1	0	1	0	0 Each	
lement lumber	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
229 Da	amage	MINOR VEGETATION GROWTH	ON NORTHWEST C	ORNER.	2	1	1 Ea	ch

Other P	ile							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
229	Other Pile	9	1	0	0	1	0	Each
Element Number	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
229 Core	rosion	15 IN WIDE X 10 IN HIGH AREA EXHIBITS HEAVY SURFACE CO LOSS ON WEB AND FLANGES GROUNDLINE. UP TO 0.50 IN S NORTH FLANGE AND THE WEI CORROSION WITH NO MEASU	ORROSION WITH SEC OF EXPOSED STEEL SECTION REMAINING B EXHIBIT HEAVY SU	CTION PILE AT (PAR). JRFACE	3	1	1	1 Each

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1588
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		Unknown	Steel Protective Coating	51
Span 1	Expansion Joint, End Bent 1	Standard Joint	Pourable Joint Seal	28
Span 1	Wearing Surface	Concrete Wearing Surface	Wearing Surface	1587
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far 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	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far 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 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1580
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, Bent 1	Standard Joint	Pourable Joint Seal	28
Span 2	Wearing Surface	Concrete Wearing Surface	Wearing Surface	1579
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near 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	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near 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	1580
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, Bent 2	Standard Joint	Pourable Joint Seal	28
Span 3	Wearing Surface	Concrete Wearing Surface	Wearing Surface	1579

Location	Name	Component	Element Name	Amount
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far 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	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far 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 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1580
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, Bent 3	Standard Joint	Pourable Joint Seal	28
Span 4	Wearing Surface	Concrete Wearing Surface	Wearing Surface	1579
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near 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	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near 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	1580
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, Bent 4	Standard Joint	Pourable Joint Seal	28
Span 5	Wearing Surface	Concrete Wearing Surface	Wearing Surface	1579
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far 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	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far 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 6	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1580
Span 6	Beam 1	Plate Girder	Steel Open Girder/Beam	50
Span 6	Beam 2	Plate Girder	Steel Open Girder/Beam	50

Location	Name	Component	Element Name	Amount
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, Bent 5	Standard Joint	Pourable Joint Seal	28
Span 6	Wearing Surface	Concrete Wearing Surface	Wearing Surface	1579
Span 6	Far Bearing	Other Bearing	Other Bearings	1
Span 6	Near 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	Far Bearing	Other Bearing	Other Bearings	1
Span 6	Near 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	1580
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, Bent 6	Standard Joint	Pourable Joint Seal	28
Span 7	Wearing Surface	Concrete Wearing Surface	Wearing Surface	1579
Span 7	Near Bearing	Other Bearing	Other Bearings	1
Span 7	Far 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	Near Bearing	Other Bearing	Other Bearings	1
Span 7	Far 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 8	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1588
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, Bent 7	Standard Joint	Pourable Joint Seal	28
Span 8	Expansion Joint, End Bent 2	Standard Joint	Pourable Joint Seal	28
Span 8	Wearing Surface	Concrete Wearing Surface	Wearing Surface	1587
Span 8	Far Bearing	Other Bearing	Other Bearings	1
Span 8	Near Bearing	Other Bearing	Other Bearings	1
Span 8	Near Bearing	Other Bearing	Other Bearings	1

Location	Name	Component	Element Name	Amount
Span 8	Far 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
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

Location	Name	Component	Element Name	Amount
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
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

General Inspection Notes

Bent 3 Cap 1

16" X 15" X 2" DELAMINATION, SOUTH FACE BELOW BAY 3. - NOT OBSERVED

20" X 11" X 2" DELAMINATION, SOUTH FACE, BELOW BAY 2. - NOT OBSERVED

Span 1 Beam 2

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 1 Beam 3

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 2 Beam 2

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 2 Beam 3

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 2 Expansion Joint, Bent 1

5' OF ASPHAULT, HAS BEEN DISTORTED EXPOSING METAL PLATE ALONG JOINT - NOT OBSERVED, NEW DECK SINCE PREVIOUS INSPECTION

Span 3 Beam 2

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 3 Beam 3

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

General Inspection Notes

Span 4 Beam 2

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 4 Beam 3

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 5 Beam 1

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 5 Beam 2

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 5 Beam 3

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 5 Expansion Joint, Bent 4

 5° OF ASPHAULT, HAS BEEN DISTORTED EXPOSING METAL PLATE ALONG JOINT. - NOT OBSERVED, DECK REPLACED SINCE PREVIOUS INSPECTION

Span 6 Beam 2

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

10% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 6 Beam 3

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

10% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED

General Inspection Notes

SINCE PREVIOUS INSPECTION

Span 7 Beam 2

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 7 Beam 3

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

5% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 7 Expansion Joint, Bent 6

10' OF ASPHAULT, HAS BEEN DISTORTED EXPOSING METAL PLATE ALONG JOINT.- NOT OBSERVED, DECK REPLACED SINCE PREVIOUS INSPECTION

Span 8 Beam 2

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

15% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

Span 8 Beam 3

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

15% OF SURFACE AREA HAS PAINT PEELING THROUGHOUT BEAM. - NOT OBSERVED, BEAMS PAINTED SINCE PREVIOUS INSPECTION

National Bridge and NC Inspection Items

Structure Number: 500100 Inspection Date: 06/15/2021

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	7
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	0	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	F	400	3352
Scour	G, F, P, or C	Р		
Wingwall	G, F, P, or C	F	350	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

Item	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	7
Ladder Used	YES/NO	N
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N
Portion of Structure in > 3' of water	YES/NO	Y

National Bridge and NC SMU Inspection Item Details

Structure Number: 500100 Inspection Date: 06/15/2021

Item Superstructure - Item 59 Grade 6 **Maint Code Qty**. 0 Details NEW PAINT ON THE BEAMS AND BEARINGS Item Substructure - Item 60 Grade 4 **Maint Code Qty**. 0 Details NEW SEALING ON TOP OF END BENT CAPS 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 WITH EXPOSED STEEL PILES AT BENTS 3 AND 6 Item Channel and Channel Protection - Item 61 Grade 4 **Maint Code Qty**. 0 Details 50 FT LONG X 4 FT HIGH X 4 FT DEEP AREA OF EROSION ALONG NORTH BANK POST HURRICANE MATTHEW UNDERWATER INSPECTION REPORT DATED 9/13/2017 RATES 4 DUE TO CHANNEL CONTRACTOR CONTRACTION SCOUR Snooper Used Grade Y **Maint Code Qty.** 0 Item **Details HYDRA PLATFORM** Item Slope Protection Grade F Maint Code 3352 Details HEAVY VEGETATION GROWTH FOR FULL HEIGHT OF SLOPE PROTECTION AT END BENT 2 UNDER BAY 1 UP 3 FT LONG X 1/4 IN WIDE LONGITUDINAL CRACK IN TOP OF SLOPE PROTECTION AT BAY 2, IN BENT 1 Item Scour Grade P **Maint Code Qtv.** 0 Details POST HURRICANE MATTHEW UNDERWATER INSPECTION REPORT DATED 9/13/2017 INDICATES SCOUR WITH EXPOSED TEEL PILE AT BENTS 3 TO 6 Item Wingwalls Grade F Maint Code 3350 **Qty.** 350 Details HEAVY VEGETATION GROWTH AT SOUTHWEST, SOUTHEAST, AND NORTHWEST WINGWALL Grade P Item Field Scour Evaluation Maint Code **Qty.** 0 Details POST HURRICANE MATTHEW UNDERWATER INSPECTION REPORT DATED 9/13/2017 RATES FIELD SCOUR EVALUTION AS "P" AS PER REFERENCE TO THE PILE TIP ELEVATION DATA General Comments and Misc Items **Maint Code** Grade Qty. 0 Details HEAVY IMPACT DAMAGE FOR 10 FT LONG IN SOUTHEAST APPROACH GUARDRAIL AT 15 FT FROM END BENT 1 GUARDRAIL IS CONTINUOUS AT NORTHEAST, SOUTHEAST, NORTHWEST, AND SOUTHWEST CORNERS

MODERATE IMPACT DAMAGE TO NORTHEAST APPROACH GUARDRAIL AT 15 FT FROM END BENT 2

Portion of structure in > 3' of water (Y or N) Grade Y Maint Code **Qty.** 0

Details BENTS 3, 4, 5, AND 6



MODERATE IMPACT DAMAGE TO NORTHEAST APPROACH GUARDRAIL AT 15 FT FROM END BENT 2



HEAVY IMPACT DAMAGE FOR 10 FT LONG IN SOUTHEAST APPROACH GUARDRAIL AT 15 FT FROM END BENT



Span 1 Right Bridge Rail: IMPACT DAMAGE WITH SCRAPE MARKS FOR FULL SPAN LENTH IN BOTTOM OF SUPPLEMENTAL RAIL.



Span 1 Wearing Surface: MINOR ABRASION WITH EXPOSED AGGREGATE ALONG THE WHEEL PATHS FOR FULL LENGTH



Span 2 Right Bridge Rail: UP TO 0.03 IN WIDE X 2 FT LONG DIAGONAL CRACKS IN BOTTOM OF CURB AT 1 FT FROM BENT 2.



Span 2 Right Bridge Rail: IMPACT DAMAGE WITH SCRAPE MARKS FOR FULL SPAN LENTH IN BOTTOM OF SUPPLEMENTAL RAIL.



Span 8 Right Bridge Rail: HEAVY IMPACT DAMAGE WITH UP TO 3 IN LONG X 1 IN HIGH HOLES AND DENTS IN THE BOTTOM OF SUPPLMENTAL BRIDGE RAIL FOR FULL SPAN LENGTH. DAMAGE EXTENDS INTO SPANS 7 AND 6.



Span 8 Right Bridge Rail: 1 FT LONG X 4 IN WIDE X 1 IN DEEP SPALL IN BOTTOM FACE AT END BENT 2



End Bent 2 Cap 1: 2 FT HIGH X 1/16 IN WIDE DIAGONAL CRACK UNDER BEAM 4.



End Bent 2 Cap 1: 3 FT LONG X 1/16 IN WIDE HORIZONTAL CRACK, BELOW BEAM 2. TYPICAL AT BEAM 3.



End Bent 2 Abutment: 4 FT HIGH X UP TO 0.05 IN WIDE VERTICAL CRACK IN BAY 2



End Bent 2 Abutment: HEAVY VEGETATION GROWTH UNDER BOTH OVERHANGS



HEAVY VEGETATION GROWTH FOR FULL HEIGHT OF SLOPE PROTECTION AT END BENT 2 UNDER BAY 1



Span 8 Deck: UP TO .05 IN WIDE X 3 FT LONG HORIZONTAL CRACKS UNDER RIGHT OVERHANG SIMILAR UNDER LEFT OVERHANG



End Bent 2 Cap 1: 3 FT LONG X UP TO 1/16 IN WIDE HORIZONTAL CRACK, BELOW BAY 1.



Span 1 Right Bridge Rail: UP TO 6 IN DIAMETER X 1.5 IN DEEP SPALL IN EXTERIOR FACE AT ANCHOR BOLT CONNECTION. TYPICAL AT SEVERAL CONNECTIONS.



Span 1 Deck: 9 IN LONG X UP TO 4 IN WIDE X UP TO 2.5 IN DEEP SPALL IN RIGHT DECK OVERHANG ABOVE BENT 1.



Span 1 Deck: SIX (6) UP TO 0.02 IN WIDE TRANSVERSE CRACKS UNDER LEFT OVERHANG, SCATTERED.



Span 1 Far Bearing: BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 85% SECTION REMAINING.



Span 1 Far Bearing: WELDED REPAIR, WITH NEW ANCHOR BOLT.



Span 1 Deck: UP TO 0.02 IN WIDE TRANSVERSE CRACKS IN DECK UNDERSIDE IN BAY 1 BETWEEN INTERMEDIATE DIAPHRAGMS TYPICAL IN BAYS 2 AND 3.



Span 1 Far Bearing: WELDED REPAIR WITH NEW ANCHOR BOLT.



Bent 1 Pile 3: MINOR VEGETATION GROWTH IN SOUTH AND NORTH FACES.



Bent 1 Pile 1: VEGETATION GROWTH ALONG SOUTHWEST CORNER FOR UP TO 12 FT HIGH.



Span 2 Deck: UP TO 0.02 IN WIDE RANDOM CRACKING IN DECK UNDERSIDE, SCATTERED THROUGHOUT.



Span 2 Deck: NINE (9) UP TO 0.02 IN WIDE X UP TO 3 FT LONG TRANSVERSE CRACKS IN LEFT OVERHANG. TYPICAL AT RIGHT OVERHANG.



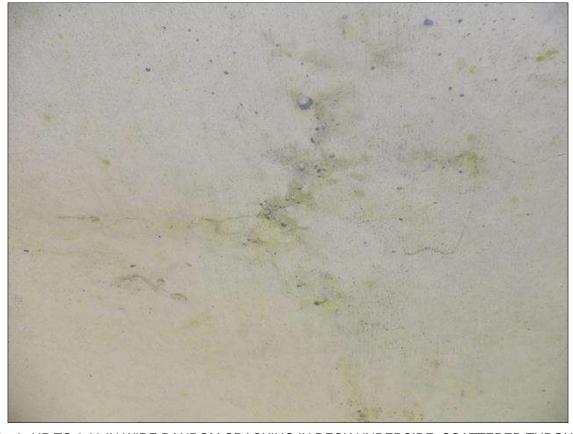
Span 2 Right Bridge Rail: BOLT HAS DETACHED FROM CONCRETE OUTER RAIL 10 FT FROM END BENT 1 LEAVING METAL INNER RAIL FREE. (PAR)



Span 2 Far Bearing: BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 85% SECTION REMAINING.



Span 2 Far Bearing: WELDED REPAIR WITH NEW ANCHOR BOLT. UP TO 50% SECTION LOSS IN OLD ANCHOR BOLT. PAR NOT ISSUED DUE TO NEW ANCHOR BOLT REPAIR.



Span 3 Deck: UP TO 0.03 IN WIDE RANDOM CRACKING IN DECK UNDERSIDE, SCATTERED THROUGHOUT.



Span 3 Deck: 2 FT LONG X 1 FT HIGH SOUND CONCRETE PATCH IN BAY 2 BENT DIAPHRAGM AT BENT 2



Span 3 Deck: SIX (6) UP TO 0.02 IN WIDE X UP TO 3 FT LONG TRANSVERSE CRACKS IN RIGHT OVERHANG. TYPICAL AT LEFT OVERHANG.



Span 3 Near Bearing: BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 95% SECTION REMAINING.



Span 3 Beam 4: 2 IN HIGH OF INTERMEDIATE STIFFENER IS CUT OUT AT BOTH LOCATIONS. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM PREVIOUS BRIDGE REPAIR.



Span 3 Deck: NEW REPAIR 4 FT LONG X 1 FT HIGH SOUND CONCRETE PATCH IN BENT DIAPHRAGM AT BENT 2. NEW SINCE PREVIOUS INSPECTION.



Span 3 Far Bearing: BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 80% SECTION REMAINING.



Span 3 Far Bearing: ANCHOR BOLT NUT NOT CONNECTED COMPLETELY



Span 4 Deck: 4 FT LONG X 1 FT HIGH AREA OF UNSOUND CONCRETE PATCH WITH UP TO 0.05 IN VERTICAL CRACKS IN BAY 3 BENT DIAPHRAGM AT BENT BENT 3



Span 4 Deck: EIGHT (8) UP TO 0.02 IN WIDE X UP TO 3 FT LONG TRANSVERSE CRACKS IN LEFT OVERHANG.



Span 4 Beam 1: 2 IN HIGH OF INTERMEDIATE STIFFENER IS CUT OUT AT BOTTON AT BOTH LOCATIONS. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM PREVIOUS BRIDGE REPAIR.



Span 4 Far Bearing: WELDED REPAIR WITH NEW ANCHOR BOLT.



Span 4 Beam 3 - Far Bearing: BEARING HAS WELDED REPAIR WITH NEW ANCHOR BOLTS.



Span 4 Beam 3 - Far Bearing: NEW BEARING HAS A LOSS OF BEARING AREA DUE TO SPALL ON CAP. AREA REPAIRED IS UNSOUND AND HAS 6 IN HIGH X 5 IN WIDE X 2 IN DEEP SPALLS. (PAR)



Span 4 Beam 3 - Far Bearing: NEW BEARING HAS A LOSS OF BEARING AREA DUE TO SPALL ON CAP. AREA REPAIRED IS UNSOUND AND HAS 6 IN HIGH X 5 IN WIDE X 2 IN DEEP SPALLS. (PAR)



Bent 4 Cap 1: 15 IN HIGH X 21 IN WIDE SOUND CONCRETE PATCH AREA, TOP SOUTHEAST CORNER OF CAP, BELOW NEW BEARING ASSEMBLY OF BEAM 4. PATCH EXHIBITS A 8 IN LONG X 0.02 IN WIDE DIAGONAL CRACK STARTING AT TOP LEFT CORNER IN SOUTH FACE AND A UP TO 0.03 IN WIDE X 15 IN LONG VERTICAL CRACK IN EAST FACE.



Bent 4 Cap 1: NEW REPAIR 18 IN WIDE X 1 FT HIGH UNSOUND CONCRETE PATCH IN SOUTH FACE BELOW BEAM 3. BEARING IS NOT SEATED LEVEL. REPAIRS MADE SINCE PREVIOUS INSPECTION ARE UNSOUND



Bent 4 Cap 1: 3.5 FT LONG X 1.5 FT HIGH UNSOUND PATCHED AREA WITH SPALLS, TOP OF SOUTH FACE, BELOW BEAM 3.



Span 4 Beam 1: 2 IN HIGH OF INTERMEDIATE STIFFENER IS CUT OUT AT BOTH LOCATIONS. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM PREVIOUS BRIDGE REPAIR.



Span 4 Beam 3 - Near Bearing - Protective System: NEW REPAIR: PROTECTIVE SYSTEM IS REPAINTED SINCE PREVIOUS INSPECTION.



Span 4 Deck: EIGHT (8) UP TO 0.02 IN WIDE X UP TO 3 FT LONG TRANSVERSE CRACKS IN LEFT OVERHANG.



Span 4 Deck: UP TO 0.02 IN WIDE RANDOM CRACKING IN DECK UNDERSIDE, SCATTERED THROUGHOUT.



Span 5 Beam 4: 3 FT LONG X 1/16 IN WIDE HORIZONTAL CRACK IN BENT DIAPHRAGM AT BENT 5



Span 5 Deck: 6 IN DIAMETER X 3/4 IN DEEP SPALL IN INTERMEDIATE DIAPHRAGM IN BAY 2 ABOVE BENT 5.



Span 5 Deck: UP TO 0.05 IN WIDE X 2 FT HIGH VERTICAL CRACKS IN BENT DIAPHRAGM IN SEVERAL BAYS AT BENT 5



Span 5 Far Bearing: BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 95% SECTION REMAINING.



Span 6 Deck: FOUR (4) UP TO 0.02 IN WIDE X UP TO 3 FT LONG TRANSVERSE CRACKS IN RIGHT OVERHANG. SEVEN (7) SIMILAR CRACKS IN LEFT OVERHANG.



Span 6 Deck: UP TO 0.02 IN WIDE RANDOM CRACKING IN DECK UNDERSIDE, SCATTERED THROUGHOUT.



50 FT LONG X 4 FT HIGH X 4 FT DEEP AREA OF EROSION ALONG NORTH BANK



50 FT LONG X 4 FT HIGH X 4 FT DEEP AREA OF EROSION ALONG NORTH BANK



Span 6 Beam 4: 2 IN HIGH OF INTERMEDIATE STIFFENER IS CUT OUT AT BOTTOM AT BOTH LOCATIONS. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM PREVIOUS BRIDGE REPAIR.



Span 6 Far Bearing: BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 90% SECTION REMAINING.



Span 6 Far Bearing: LEFT ANCHOR BOLT HAS UP TO 80% SECTION REMAINING AND ANCHOR BOLT NUT HAS UP TO 50% SECTION REMAINING.



Span 6 Deck: 38 IN LONG X 1 FT HIGH SOUND CONCRETE PATCHED AREA, BOTTOM OF BAY 2 END DIAPHRAGM, AT BENT 6.



Span 7 Beam 4: 2 IN HIGH OF INTERMEDIATE STIFFENER IS CUT OUT AT BOTTOM AT BOTH LOCATIONS. PAR IS NOT ISSUED AS IT APPEARS TO BE FROM PREVIOUS BRIDGE REPAIR.



Bent 7 Pile 1: VEGETATION GROWTH ALONG NORTHWEST CORNER OF PILE FOR FULL HEIGHT.



Span 8 Near Bearing: BEARINGS HAVE BEEN PAINTED SINCE PREVIOUS INSPECTION. SECTION LOSS EXSISTS BENEATH THE PAINTED SURFACES IN BOTH MASONRY AND SOLE PLATES. UP TO 95% SECTION REMAINING.



Bent 7 Cap 1: HAIRLINE HORIZONTAL CRACKS IN BOTH ENDS



Bent 7 Cap 1: 3 FT WIDE X 6 IN HIGH DELAMINATION WITH A 3 FT LONG HORIZONTAL CRACK UP TO 1/32 IN WIDE BOTTOM OF NORTH FACE, OVER PILE 3.



Span 8 Beam 3 - Near Bearing: BEARING ASSEMBLY HAS WELDED REPAIR WITH NEW ANCHOR BOLT.



HEAVY VEGETATION GROWTH AT SOUTHWEST, SOUTHEAST, AND NORTHWEST WINGWALL



End Bent 1 Abutment: 3 FT HIGH X 0.05 IN WIDE VERTICAL CRACK WITH EFFLORESCENCE IN BAYS 1 AND 2



End Bent 1 Cap 1: TWO (2) 2 FT LONG X 0.03 IN WIDE DIAGONAL CRACKS IN FACE OF CAP BELOW BAY 2.



UP 3 FT LONG X 1/4 IN WIDE LONGITUDINAL CRACK IN TOP OF SLOPE PROTECTION AT BAY 2, IN BENT 1



5 FT LONG X 20 FT WIDE AREA OF EROSION WITH FALLEN FENCE POST UNDER SPAN 8

Stream Bed Soundings (Profile diagram on following sheet)

JOHNSTON Structure Number: 500100 Inspection Date 06/15/2021 County

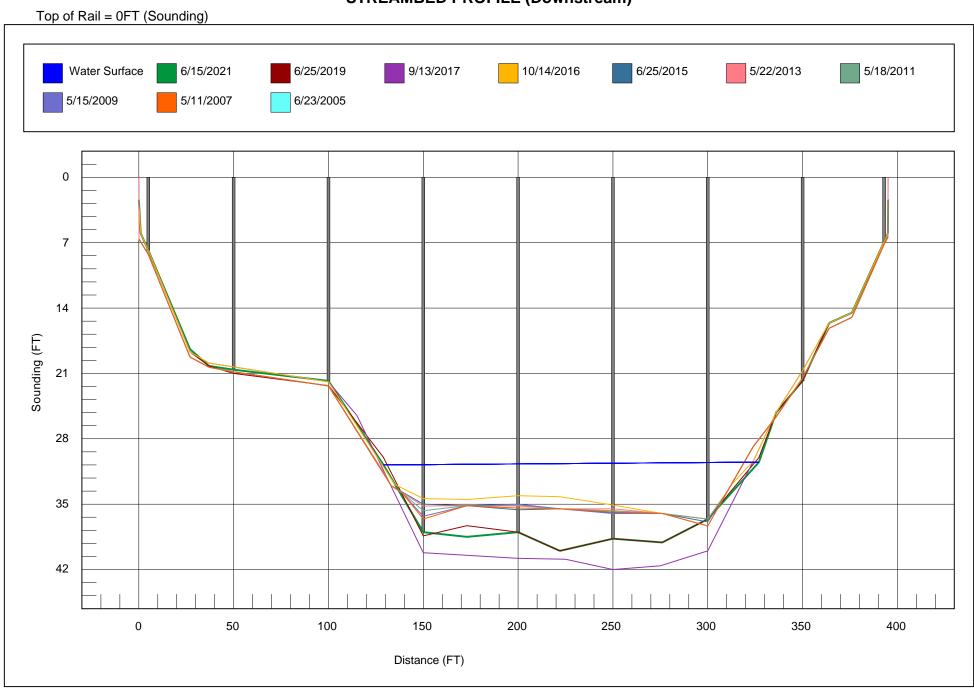
Sounding recorded from: Top of Bridge Rail

Highwater Mark Distance Location of Highwater Mark

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	2.400	0.000	TOP OF RAIL
1.000	6.000	0.000	TOP OF CAP
5.000	7.800	7.800	END BENT 1
27.000	18.400	0.000	
37.000	20.200	0.000	
50.000	20.600	20.300	BENT 1
100.000	21.800	22.300	BENT 2
129.000	30.800	0.000	WSWE
150.000	38.000	34.600	BENT 3
173.000	38.500	0.000	
200.000	38.000	34.000	BENT 4
222.000	40.000	0.000	
250.000	38.700	35.000	BENT 5
276.000	39.100	0.000	
300.000	36.600	38.000	BENT 6
327.000	30.500	0.000	WSWE
336.000	25.200	0.000	
350.000	21.800	17.000	BENT 7
364.000	15.600	0.000	
376.000	14.500	0.000	
393.000	6.900	7.000	END BENT 2
395.000	6.000	0.000	TOP OF CAP
395.100	2.400	0.000	TOP OF RAIL

Bridge: 500100 County: JOHNSTON Date: 06/15/2021

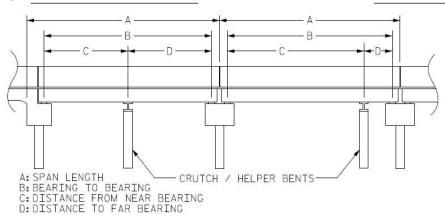
STREAMBED PROFILE (Downstream)



Structure Data Worksheet

Span Profile

County: **JOHNSTON** Structure Number: **500100**



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			



LOOKING SOUTH



NORTH APPROACH



TYPICAL POST SPACING AT MID-LENGTH AT NORTHEAST CORNER



TYPICAL POST SPACING AT BRIDGE AT NORTHEAST CORNER



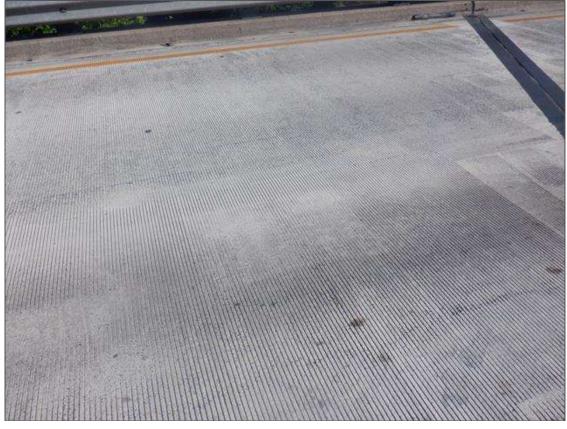
TYPICAL EXPANSION JOINT AT BENT 5



TYPICAL DRAINAGE HOLES ALONG RIGHT BRIDGE RAIL SIMILAR ALONG LEFT BRIDGE RAIL



LOOKING DOWNSTREAM FROM TOP OF THE BRIDGE



TOP OF DECK



TRAFFIC CONTROL USED



SOUTH APPROACH



HYDRA PLATFORM USED



LOOKING NORTH



DELINEATOR AT SOUTHWEST CORNER



TYPICAL LEFT BRIDGE RAIL IN SPAN 1



BRIDGE IDENTIFICATION AT SOUTHEAST CORNER



TYPICAL BRIDGE RAIL END AT SOUTHEAST CORNER



TYPICAL EXPANSION JOINT AT END BENT 1



LOOKING UPSTREAM FROM TOP OF BRIDGE



TYPICAL SUPPLEMENTAL GUARDRAIL IN FRONT OF BOTH BRIDGE RAILS FOR FULL LENGTH



TYPICAL RIGHT BRIDGE RAIL IN SPAN 7



DOWNSTREAM PROFILE



TYPICAL DRAINAGE PIPES UNDER RIGHT OVERHANG IN SPAN 8. SIMILAR IN ALL SPANS AND UNDER LEFT OVERHANG



SLOPE PROTECTION AT END BENT 2



END BENT 2 PROFILE



TYPICAL NORTHEAST WINGWALL



TYPICAL INTERMEDIATE DIAPHRAGM



TYPICAL BEARING AT END BENT



UPSTREAM PROFILE



BENT 7 PROFILE



TYPICAL BOTTOM FLANGE COVER PLATE DETAIL IN SPAN 8



SUPERSTRUCTURE UNDERSIDE SPAN 8



TYPICAL BENT DIAPHRAGM



TYPICAL PAINT ON BENT 1, BAY 3. TYPICAL IN ALL BAYS



BENT 1 PROFILE, BENT 2 -7 SIMILAR



TYPICAL BEARINGS AT BENT



TYPICAL SUPERSTRUCTURE UNDERSIDE SPAN 3



TYPICAL BEAM AND CAP ENDS AT BENT 3



LOOKING DOWNSTREAM FROM UNDER THE BRIDGE



LOOKING UPSTREAM FROM UNDER THE BRIDGE



BENT 4 PROFILE



END BENT 1 PROFILE



SLOPE PROTECTION AT END BENT 1

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

County JOHNSTON Bridge: 500100 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	0	Span 8 Beam 4: UP TO 1.5 IN HIGH AREA OF COMPLETE SECTION LOSS IN INTERMEDIATE STIFFENER AT MID SPAN. (PAR)	
3318	Maint to Concrete Handrail	LF	1	Span 2 Right Bridge Rail: BOLT HAS DETACHED FROM CONCRETE OUTER RAIL 10 FT FROM END BENT 1 LEAVING METAL INNER RAIL FREE. (PAR)	
3334	Bridge Bearings	EA	1	Span 4 Beam 3 - Far Bearing: NEW BEARING HAS A LOSS OF BEARING AREA DUE TO SPALL ON CAP. AREA REPAIRED IS UNSOUND AND HAS 6 IN HIGH X 5 IN WIDE X 2 IN DEEP SPALLS. (PAR)	



BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 500100 County JOHNSTON

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

MMS Code	MMS Descrip	MMS Description Quantity						
3314	Maintain Stee	aintain Steel Superstructure Components 0						
Location:								
		Bent/Span No.						
Priority Leve	I	Status						
Priority Main	tenance	Division Bridge Maintenance Noti	fication					
Submitted Da	ate: Submitte	d By:	Assisted By:					
06/18/2021	VENKA	TA D.T. KOLLIPARA						
Details								
Span 8 Bean MID SPAN.		IN HIGH AREA OF COMPLETE S	ECTION LOSS IN INTERMEDIATE	STIFFENER	AT			

MMS Code	MN	MMS Description						
3318	Mai	nt to Conc	rete Handrail		1	LF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
Priority Mair	ntenan	ice	Division Bridge Maintenance Noti	fication				
Submitted D	ate:	Submitte	d By:	Assisted By:				
06/18/2021		VENKA	TA D.T. KOLLIPARA					
Details								
			OLT HAS DETACHED FROM CON AIL FREE. (PAR)	CRETE OUTER RAIL 10 FT FROM	END BENT	1		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 500100 County JOHNSTON

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

MMS Code	MMS	S Descrip		Quantity					
3334	Bridg	e Bearin		1	EA				
Location:	Location:								
			Bent/Span No.						
Priority Leve	el		Status						
Priority Main	ntenanc	е	Division Bridge Maintenance Noti	fication					
Submitted D	ate:	Submitte	d By:	Assisted By:					
06/18/2021		VENKA	TA D.T. KOLLIPARA						
Details									
			g: NEW BEARING HAS A LOSS O ND HAS 6 IN HIGH X 5 IN WIDE >	F BEARING AREA DUE TO SPALL (2 IN DEEP SPALLS. (PAR)	ON CAP. A	REA			



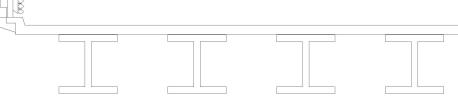
Roadway	24ft Wide	2 Paved Lanes	Looking North
Left Shoulder	2ft Wide	1ft Paved	1ft Unpaved
Right Shoulder	2.5ft Wide	2.5ft Paved	
Left Guardrail	2ft from road		
Right Guardrail	2.5ft from road		

MEASURED AT 5 FT FROM END BENT 1 DECK JOINT AT SOUTHEAST CORNER

VERIFIED BY VDK ON 6/15/2021

Title			Description			
APPROACH ROADWAY - NBL			LOOKING NORTH			
Bridge No: 500100	Drawn By: A. D. OSBORNE		Date: 06/21/2005	File Name:S0154000024		

Deck Width/Out to Out	Betwee		28.167ft			
Clear Roadway	28.167ft	Wearin	g Surface			0.146ft*
Median Width		Median	Height			
Curb Height			0.833ft	Right	0.83	33ft
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 Su	Left	3.0ft	Right	3.01	ŧ	
Bridge Rail			Type 33	Right	Тур	e 33

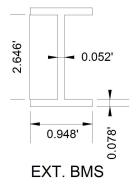


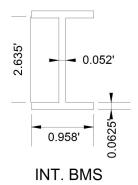
Measurements for Span #	1	TYPICAL IN OTHER SPANS	
Deck Thickness	0.895ft	Left Overhang	4.75'
Top of Rail to Bottom of Beam	6.541ft	Right Overhang	4.75'

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, CURB HEIGHT, OVERHANGS, TOP OF RAIL TO DECK, GUARDRAIL WIDTH BEAMS 2&3 COVERPLATES = 26'-6" X 9" X 0.642"

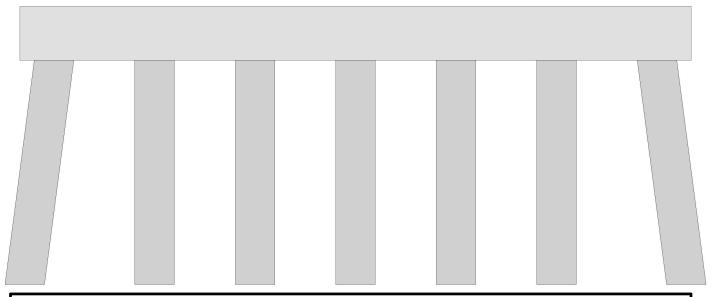
* MINIMUM





VERIFIED BY VDK ON 6/15/2021

Title		Descri	ption		
TYPICAL SECTION		4 LINES STEEL I - BEAMS			
Bridge No: 500100	Drawn By: A. D. OSBORNE		Date: 06/21/2005	File Name: S0154000025	



Cap Information Material Cast-in-Place Concrete													
Lengt	h	Width	Height	Left Over	hang	Right Overhang Left Beam to End of Cap		nd of Cap.	Righ	t Beam to En	d of Cap.		
31.167	ft.	2.500 ft.	2.500 ft.	1.583	ft.	1.583 ft.		1.5	500 ft.		1	.500 ft.	
Subca	p In	formation		Material									
Lengt	h	Width	Height	Left Over	hang	Right Overh	ang	Left Pi	le to Splid	ce.			
Sill Info	orm	ation		Material									
Lengt	h	Width	Height										
Pile#	Ма	aterial	Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replacem	ent?	Removed?	Collar?
1	St	eel	4.667 ft.	1.833 ft.	1.833 ff		Batt	ered	Yes	No		No	No
2	St	eel	4.667 ft.	1.833 ft.	1.833 ff		Ver	tical	Yes	No		No	No
3	St	eel	4.667 ft.	1.833 ft.	1.833 ff		Ver	tical	Yes	No		No	No
4	St	eel	4.667 ft.	1.833 ft.	1.833 ff		Ver	tical	Yes	No		No	No
5	St	eel	4.667 ft.	1.833 ft.	1.833 ff	. Vertica		tical	Yes	No		No	No
6	St	eel	4.667 ft.	1.833 ft.	1.833 ff		Ver	tical	Yes	No		No	No
7	St	eel		1.833 ft.	1.833 ff		Batt	ered	Yes	No		No	No

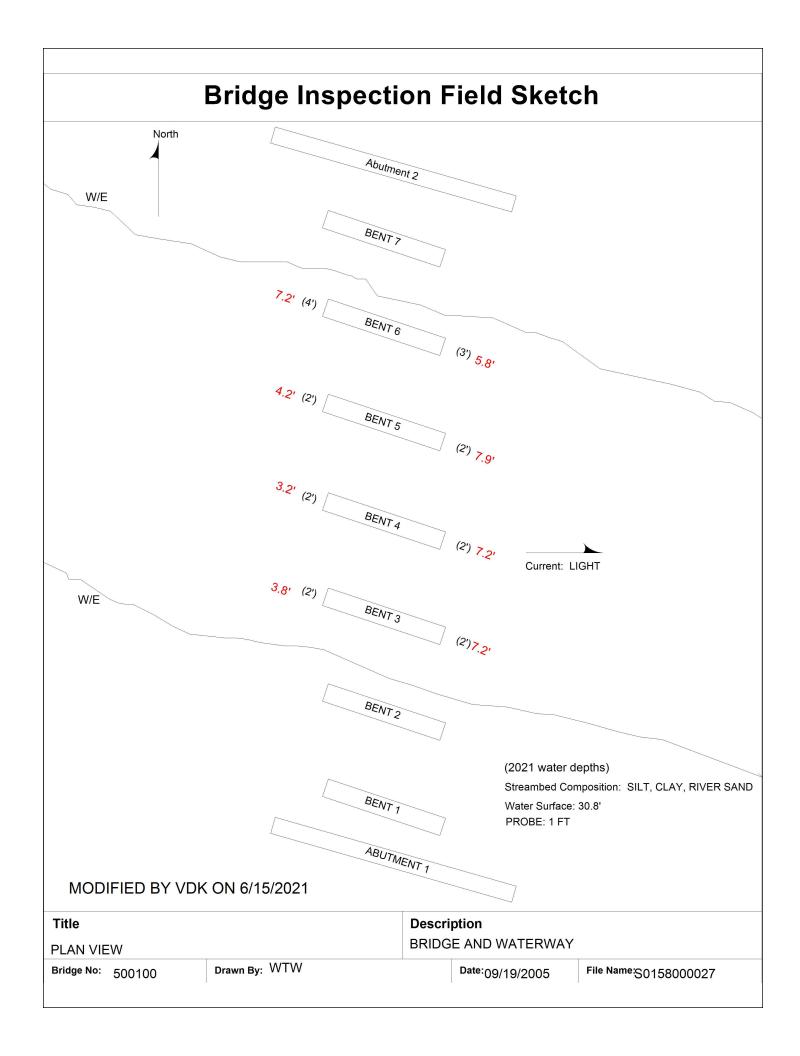
NOTE: PILES ARE CONCRETE ENCASED STEEL H-PILES

VERIFIED BY VDK ON 6/15/2021

Bent/Abutment #: 1 Similar Bents: 2-7

TitleDescriptionSUBSTRUCTURELOOKING SOUTH

Bridge No: 500100 Drawn By: Date: 06/22/2005 File Name: \$0018000413



BENT 7 STEEL PILE EXPOSURE BELOW CONCRETE ENCASEMENT

6/21/05

P1	P2	Р3	P4	P5	P6	P7
0"	0"	0"	0"	0"	0"	8" @
						F-1,2,4

6/29/2017

P1	P2	Р3	P4	P5	P6	P 7
0"	0"	2"	2"	4"	8"	20"

VERIFIED BY VDK ON 6/15/2021

Title		Description		
VERTICAL EXPOSURE S	HEET	BT.#7 VERTICAL EXPOSURE.		
Bridge No: 500100	Drawn By:	Date: 09/19/2005	File Name:S0158000028	