ATTENTION: PROMPT ACTION REQUEST

Structure Safety Report

Routine Element Inspection - Contract

INSPECTION DATE: 11/16/2021

DIVISION: 4	COUNTY: JOHNSTO	N STRUC	TURE NUMBER: 500037	FREC	QUENCY: 24 MON	THS
FACILITY CARRIED	: US301, NC96			MILE POST:		
LOCATION: 0.2 MI	N JCT US701 &US30	1				
FEATURE INTERSE	CTED: CSX RR					
LATITUDE: 35° 27	" 41.06"	LONGITUDE:	78° 23' 21.72"			
SUPERSTRUCTURE	: REINFORCED CC	NCRETE DECK ON I-B	EAMS			
SUBSTRUCTURE:	ABUTMENTS:RC SPIL	L THROUGH, INT. BEN	ITS:RC POST & BEAM			
SPANS: 5 SPAN	S. SEE SPAN PROFIL	E SHEET FOR SPAN D	DETAILS			
FRACTURE CR	ITICAL TEMPO	RARY SHORING	SCOUR CRITICAL	SCOUR	PLAN OF ACTION	
GRADES: (Inspecto	r/NBI Coding) DECK 6	6 SUPERSTRUCTU	JRE 5/5 SUBSTRU	ICTURE 5/5	CULVERT N/	N
POSTED SV:			POSTED TTST:			
OTHER SIGNS PRE	SENT: (4) DELINEAT	ORS		Sign noticed issued for		Number Required
	#.		and the stables.	NO	WEIGHT LIMIT	0
				NO	DELINEATORS	0
	ž.		THE WILLIAM	NO	NARROW BRIDGE	0
				NO	ONE LANE BRIDGE	0
				NO	LOW CLEARANCE	0
				INSP DIRI	ECTION OF S-N ECTION ECTION ES PLANS	
SOUTH APPROAG	CH LOOKING NORTH					
INSPECTED BY	N	SIGNATURE	1.P4	ASSISTED BY	KEITH PROCTOR	

IDENTIFICATION		•	
(1) STATE NAME NORTH CAROLINA BRIDGE	500037	SUFFICIENCY RATING	35.4
• •	010037	STATUS = Functionally 0	Obsolete
	003010	CLASSIFICATION	CODE
(2) STATE HIGHWAY DEPARTMENT DISTRICT	4	(112) NBIS BRIDGE SYSTEM	YES
(3) COUNTY CODE (FEDERAL) 101 (4) PLACE CODE (6) FEATURE INTERSECTED CSX RR	24520	(104) HIGHWAY SYSTEM Inventory Route is on NHS	,
(7) FACILITY CARRIED US301, NC96		(26) FUNCTIONAL CLASS Urban Minor Collector	1
(9) LOCATION 0.2 MI N JCT US701 &US301		(100) STRAHNET HIGHWAY Not a STRAHNET Route	(
(11) MILEPOINT	0.0	(101) PARALLEL STRUCTURE No parallel structure exists	ı
(12) BASE HIGHWAY NETWORK	1	(102) DIRECTION OF TRAFFIC 2-way traffic	:
(13) LRS INVENTORY ROUTE & SUBROUTE		(103) TEMPORARY STRUCTURE	
(16) LATITUDE 35° 27' 41.06" (17) LONGITUDE 78° 23' (98) BORDER BRIDGE STATE CODE PERCENT SHARED	21.72"	(110) DESIGNATED NATIONAL NETWORK - on national network for trucks	
(99) BORDER BRIDGE STRUCTURE NUMBER		(20) TOLL On Free Road	;
			0
STRUCTURE TYPE AND MATERIAL		(21) MAINT -	
(43) STRUCTURE TYPE MAIN	Steel	(22) OWNER -	0
TYPE Stringer/Multi-beam or girder CODE	302	(37) HISTORICAL SIGNIFICANCE -	;
(44) STRUCTURE TYPE APPROACH			CODE
TYPE CODE		(58) DECK	(
(45) NUMBER OF SPANS IN MAIN UNIT	5	(59) SUPERSTRUCTURE	
(46) NUMBER OF SPANS IN APPROACH	0	(60) SUBSTRUCTURE	
(107) DECK STRUCTURE TYPE CODE	1	(61) CHANNEL & CHANNEL PROTECTION	ı
(108)WEARING SURFACE/PROTECTIVE SYSTEM		(62) CULVERTS	ı
(A) TYPE OF WEARING SURFACE CODE	6	LOAD RATING AND POSTING	CODE
(B) TYPE OF MEMBRANE CODE	0	(31) DESIGN LOAD HS20	:
(C) TYPE OF DECK PROTECTION CODE	0	(63) OPERATING RATING METHOD - Load Factor	
AGE AND SERVICE		(64) OPERATING RATING - HS-13	2
(27) YEAR BUILT	1926	(65) INVENTORY RATING METHOD -	
(106) YEAR RECONSTRUCTED	1954	(66) INVENTORY RATING HS-8	1
(42) TYPE OF SERVICE ON -	ighway	(70) BRIDGE POSTING Posting Required	(
OFF - Railroad CODE	12	(41) STRUCTURE OPEN, POSTED, OR CLOSED	ı
(28) LANES ON STRUCTURE 2 LANES UNDER STRUCTURE	0	DESCRIPTION Posted for Load	
(29) AVERAGE DAILY TRAFFIC	8900		CODE
(30) YEAR OF ADT 2018 (109) TRUCK ADT PCT	6	(67) STRUCTURAL EVALUATION	CODE
(19) BYPASS OR DETOUR LENGTH	1.0	(68) DECK GEOMETRY	;
GEOMETRIC DATA		(69) UNDERCLEARANCES, VERT & HORIZ	
(48) LENGTH OF MAXIMUM SPAN	47.0	(71) WATERWAY ADEQUACY	ı
(49) STRUCTURE LENGTH	189.0	(72) APPROACH ROADWAY ALIGNMENT	
(50) CURB OR SIDEWALK: LEFT 1.6 RIGHT	1.6		
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB	30.1	(36) TRAFFIC SAFETY FEATURES	000
(52) DECK WIDTH OUT TO OUT	35.4	(113) SCOUR CRITICAL BRIDGES	ı
(32) APPROACH ROADWAY WITH (W/ SHOULDERS) (33) BRIDGE MEDIAN No median CODE	31.0 0	(75) TYPE OF WORK CODE	
(34) SKEW 40 (35) STRUCTURE FLARED	0		1
(10) INVENTORY ROUTE MIN VERT CLEAR	999.9	(76) LENGTH OF STRUCTURE IMPROVEMENT	
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	30.1	(94) BRIDGE IMPROVEMENT COST	
(53) MIN VERT CLEAR OVER BRIDGE RDWY	999.9	(95) ROADWAY IMPROVEMENT COST	
(54) MIN VERT UNDERCLEAR: REFERENCE R (55) MIN LAT UNDERCLEARANCE RT: REFERENCE R	21.3 11.8	(96) TOTAL PROJECT COST	
(56) MIN LAT UNDERCLEARANCE LT:	0.0	(97) YEAR OF IMPROVEMENT COST ESTIMATE	
(65) MIN EN GREEN WOULD EN	0.0	(114) FUTURE ADT 17,800 YEAR OF FUTURE ADT	204
NAVIGATION DATA		INSPECTION	
(38) NAVIGATION CONTROL - CODE	N	(90) INSPECTION DATE 11/21 (91) FREQUENCY	24
(111) PIER PROTECTION CODE		(92) CRITICAL FEATURE INSPECTION (93) CFI DATE	=
(39) NAVIGATION VERTICAL CLEARANCE	0.0	A) FRACTURE CRIT DETAIL A)	
		B) UNDERWATER INSP B)	
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR	0.0	b) onderwater moi	
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR (40) NAVIGATION HORIZONTAL CLEARANCE	0.0	C) OTHER SPECIAL INSP	

			ical							raffic	e S			See N	lote Be	low			n	
Span Number	Facility Carried	Inventory Route	Maximum Minimum Vertica Clearance	Milepoint	Base Highway	LRS Inventory Route	Functional Classification	Number of Lanes	Average Daily Traffic	Year of Average Daily Ti	Total Horizontal Clearan	Reference Feature	Minimum Vertical Underclearance	Rigth Lateral Underclearance	Left Lateral Underclearance	ש ש	STRAHNET Highway	Direction of Traffic	National Highway System	National Truck Network
	7	5	10	11	12	13	26	28	29	30	47	54A	54	55	56	69	100	102	104	110
3	Railroad	80000000		0.0							33.3	R	21.3	11.8	21.5	5				

Superstructure Build Details

Span Number $\underline{1}$

Span Length <u>38.0000</u>

Skew 50.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
2	Concrete Railing	Reinforced Concrete Bridge Railing	76	Feet		
1	Asphalt Wearing Surface	Wearing Surface	1140	Square Feet		
5	Plate Girder	Steel Open Girder/Beam	190	Feet	Legacy Red Lead Primer Systems with Various Topcoats	1560
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1273	Square Feet		
10	Other Bearing	Other Bearings	10	Each	Unknown	10

Span Number $\underline{2}$

Span Length <u>37.5000</u>

Skew 50.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1257	Square Feet		
10	Other Bearing	Other Bearings	10	Each	Unknown	10
2	Concrete Railing	Reinforced Concrete Bridge Railing	76	Feet		
1	Standard Joint	Pourable Joint Seal	40	Feet		
5	Plate Girder	Steel Open Girder/Beam	190	Feet	Legacy Red Lead Primer Systems with Various Topcoats	1540
1	Asphalt Wearing Surface	Wearing Surface	1125	Square Feet		

 $\textbf{Span Number} \ \ \underline{3}$

Span Length <u>47.5000</u>

Skew 50.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
5	Plate Girder	Steel Open Girder/Beam	240	Feet	Legacy Red Lead Primer Systems with Various Topcoats	2300
2	Concrete Railing	Reinforced Concrete Bridge Railing	96	Feet		
1	Standard Joint	Pourable Joint Seal	40	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1592	Square Feet		
10	Other Bearing	Other Bearings	10	Each	Unknown	10
1	Asphalt Wearing Surface	Wearing Surface	1425	Square Feet		

Span Number $\underline{4}$

Span Length <u>32.5000</u>

Skew 50.0000

Superstructure Build Details

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1089	Square Feet		
1	Asphalt Wearing Surface	Wearing Surface	975	Square Feet		
5	Plate Girder	Steel Open Girder/Beam	165	Feet	Legacy Red Lead Primer Systems with Various Topcoats	1230
10	Other Bearing	Other Bearings	10	Each	Unknown	10
1	Standard Joint	Pourable Joint Seal	40	Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	66	Feet		

Span Number 5

Span Length <u>33.0000</u>

Skew 50.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Concrete Railing	Reinforced Concrete Bridge Railing	33	Feet	Unknown	33
1	Asphalt Wearing Surface	Wearing Surface	990	Square Feet		
1	Standard Joint	Pourable Joint Seal	40	Feet		
10	Other Bearing	Other Bearings	10	Each	Unknown	10
1	Concrete Railing	Reinforced Concrete Bridge Railing	33	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	1106	Square Feet		
5	Plate Girder	Steel Open Girder/Beam	165	Feet	Legacy Red Lead Primer Systems with Various Topcoats	1285

Structure Element Scoring

Structure Number: 500037 Inspection Date 11/16/2021

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	6317	6300	10	7	0
107	0	Steel Open Girder/Beam	Beam	950	565	349	27	9
515	107	Steel Protective Coating	Beam	7915	6618	324	0	973
205	0	Reinforced Concrete Column	Piles and Columns	8	1	0	7	0
215	0	Reinforced Concrete Abutment	Abutments	120	116	2	2	0
234	0	Reinforced Concrete Pier Cap	Caps	256	206	15	35	0
301	0	Pourable Joint Seal	Expansion Joints	160	160	0	0	0
316	0	Other Bearings	Bearing Device	50	5	24	21	0
515	316	Steel Protective Coating	Bearing Device	50	5	1	0	44
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	380	237	10	133	0
510	0	Wearing Surface	Wearing Surfaces	5655	4234	0	1421	0

Summary of Maintenance Needs

Maintenance By Defect

MMS Code	Element Name	Defect Name	Recommended Quantity			
3326	Reinforced Concrete Deck	Delamination/Spall	10 Square Feet			
3314	Steel Open Girder/Beam	Damage	1 Feet			
3314	Steel Open Girder/Beam	Corrosion	36 Feet			
3348	Reinforced Concrete Column	Cracking (RC and Other)	63 Each			
3348	Reinforced Concrete Column	Delamination/Spall	16 Each			
3350	Reinforced Concrete Abutment	Delamination/Spall	3 Feet			
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	32 Feet			
3348	Reinforced Concrete Pier Cap	Delamination/Spall	8 Feet			
3334	Other Bearings	Corrosion	21 Each			
3318	Reinforced Concrete Bridge Railing	Delamination/Spall	9 Feet			
3318	Reinforced Concrete Bridge Railing	Exposed Rebar	1 Feet			
3318	Reinforced Concrete Bridge Railing	Cracking (RC and Other)	133 Feet			
2816	Wearing Surface	Crack (Wearing Surface)	1415 Square Feet			
2816	Wearing Surface	Patched Area/Pothole (Wearing Surface)	6 Square Feet			
3342	Steel Protective Coating	Peeling/Bubbling/Cracking (steel Protective Coatings)	750 Square Feet			
3342	Steel Protective Coating	Protective Coating Effectiveness (Steel Protective Coatings) 592 Square Feet				

Element Structure Maintenance Quantities

Structure Number: 500037 Inspection Date 11/16/2021

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	3	120	0	2	2	116
Beam	3314	Maintenance Steel Superstructure Components	37	950	9	27	349	565
Beam	3342	Clean and Paint Steel	1297	7915	973	0	324	6618
Bearing Device	3334	Bridge Bearing	21	50	О	21	24	5
Bearing Device	3342	Clean and Paint Steel	45	50	44	0	1	5
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	143	380	О	133	10	237
Caps	3348	Maintenance of Concrete Substructure	40	256	0	35	15	206
Deck	3326	Maintenance of Concrete Deck	10	6317	0	7	10	6300
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	160	0	0	0	160
Piles and Columns	3348	Maintenance of Concrete Substructure	79	8	0	7	0	1
Wearing Surfaces	2816	Asphalt Surface Repair	1421	5655	0	1421	0	4234

Structure Num	ber <u>500037</u>		
Span1			
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	6	Span 1 Beam 1: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 2" WIDE WITH SECTION LOSS [AVERAGE 1/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM. AT THE LOWER CORNER OF THE INTERFACE THERE IS A HOLE [APPROXIMATELY 1/2" DIAMETER]. AT THE SAME END IN THE LOWER FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 7/16" REMAINS] FOR APPROXIMATELY 6' LONG. AT THE SAME END IN THE LOWER 3" OF THE WEB CORROSION WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 6' LONG.
3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 2: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.
3314	Beam 3	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 3: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.
3314	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 4: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.
3314	Beam 5	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 5: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 2" WIDE WITH SECTION LOSS [AVERAGE 3/16" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.

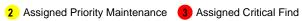




Structure Nun	nber 500037		
Span2			
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 2 Beam 1: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 2" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.
3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 2 Beam 2: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 3" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.
3314	Beam 3	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 2 Beam 3: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 3" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.
3314	Beam 5	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 2 Beam 5: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 3" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.
Span3			
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	4	Span 3 Beam 1: [PROMPT ACTION REQUEST] BEAM END AT BENT 3 IN THE LEFT LOWER FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 1/16" REMAINS] FOR APPROXIMATELY 4' LONG WITH EDGE HOLES UP TO 3/4" DIAMETER. AT THE SAME END IN THE LOWER 6" OF THE WEB, CORROSION WITH SECTION LOSS [AVERAGE 1/16" REMAINS] FOR APPROXIMATELY 4' LONG WITH PERFORATIONS THROUGHOUT.



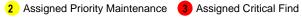


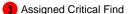


Structure Nun	mber 500037		
3314	Beam 5	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	5	Span 3 Beam 5: [PROMPT ACTION REQUEST] BEAM END AT BENT 3 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 2" WIDE WITH SECTION LOSS [AVERAGE 5/16" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM. AT THE SAME END IN THE LOWER LEFT FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 1/8" REMAINS] FOR APPROXIMATELY 5' LONG. AT 1.5' OUT FROM THE SAME END IN THE LOWER 5" OF THE WEB, CORROSION WITH SECTION LOSS [AVERAGE 1/8" REMAINS] FOR APPROXIMATELY 3' LONG.
Span4			
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 4 Beam 1: [PROMPT ACTION REQUEST] BEAM END AT BENT 3 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM. AT THE SAME END IN THE LOWER FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 3' LONG.
3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 4 Beam 2: [PROMPT ACTION REQUEST] BEAM END AT BENT 4 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.
3314	Beam 3	Plate Girder	
Priority			
Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 4 Beam 3: [PROMPT ACTION REQUEST] BEAM END AT BENT 4 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 5/16" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.
3314	Beam 5	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 4 Beam 5: PARSECTION LOSS UP TO 3/8" WITH 3/8" AVERAGE REMAINING FULL WIDTH OF BOTTOM FLANGE 1FT LONG ON BEAM END OVER PIER 3. BEAM END HAS BEEN CLEANED AND PAINTED WITH ACTIVE SURFACE CORROSION. PLATE REPAIR ADDED BUT DOES NOT EXTEND OUT TO DEFECT.
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Structure Number 500037

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Spans			
3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 5 Beam 2: PAR1 FOOT LONG X 2" WIDE AREA OF PREVIOUS CORROSION WITH 1/4" REMAINING SECTION IN WEB AROUND END DIAPHRAGM AT BENT 4 AREA HAS BEEN PAINTED OVER AND ARRESTED.
3314	Beam 5	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	4	Span 5 Beam 5: [PROMPT ACTION REQUEST] BEAM END AT BENT 4 IN THE LOWER FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 1/4" REMAINS] FOR APPROXIMATELY 4' LONG. AT THE SAME END IN THE LOWER 4" OF THE WEB, CORROSION WITH SECTION LOSS [AVERAGE 5/16" REMAINS] FOR APPROXIMATELY 4' LONG.

Bent 1

3348	Cap 1	Reinforced Co	ncrete Pier Cap				
Priority Level	Defect Type	Quantity	Defect Description				
2	Cracking (RC and	2	Bent 1 Cap 1: [PROMPT ACTION REQUEST] SOUTH FACE AT THE LEFT END, LOWER 10", SPALLING WITH EXPOSED REBAR [APPROXIMATELY 40" LONG X UP TO 2.5" DEEP]				
3348	Pile 1	Reinforced Co	ncrete Column				
Priority Level	Defect Type	Quantity	Defect Description				
2	Delamination/Spall	5	Bent 1 Pile 1: [PROMPT ACTION REQUEST] 6 FOOT X 9" FOOT X 2" DEEP SPALL WITH EXPOSED RUSTED REBAR NO SECTION LOSS AT NORTHWEST CORNER				

Bent 3

3348	Pile 2	Reinforced Co	oncrete Column							
Priority Level	Defect Type	Quantity	Defect Description							
2	Cracking (RC and	4	Bent 3 Pile 2: [PROMPT ACTION REQUEST] NORTHEAST CORNER, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 4' HIGH X UP TO 1.25' WIDE X UP TO 3" DEEP]							
2	Delamination/Spall	3	Bent 3 Pile 2: PARSPALL WITH EXPOSED REBAR AND BROKEN HORIZONTAL TIE 3 FOOT X 1 FOOT X 4" DEEP IN NORTHEAST CORNER MID HEIGHT WITH SECTION LOSS							



Element Condition and Maintenance Data

Structure Number: 500037 Inspection Date: 11/16/2021

aotaio							ороонон	Date: 11/10/202
Spa	an 1	Deck						
Rei	nforced Concrete	e Deck						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfo	rced Concrete Deck	1,273	1,273	0	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect De	scription		cs	CS Qty	Maint Qty	
12	Cracking (RC and Other)	TRANSVERSE HAIRLINE CRAC OVERHANG AT 12 FT FROM E		RIGHT	1	2		Square Feet
	General Comments							

Spar	n 1	Beam 1						
Plate	e Girder							
Elem Num	nber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
107	Steel Op	oen Girder/Beam	38	0	32	6	0 F	eet
515	Steel Pr	otective Coating	312	261	0	0	51 S	quare Feet
Element Number	Defeat Tree	Defect Description	n		CS	CS Qty	Maint Qty	
107	Corrosion	[PROMPT ACTION REQUEST] BEAM INTERFACE WITH THE REINFORDIAPHRAGM, THERE IS A BAND OF COMIDE WITH SECTION LOSS [AVERAGAPPROXIMATELY 1' LONG X UP TO THE DIAPHRAGM. AT THE LOWER CONTERFACE THERE IS A HOLE [APPROXIMATELY]. AT THE SAME END IN THE CORROSION WITH SECTION LOSS [AREMAINS] FOR APPROXIMATELY 6' LEND IN THE LOWER 3" OF THE WEB, SECTION LOSS [AVERAGE 3/8" REMAINS] FOR LOWER 3 CONTENT OF THE WEB, SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 6' LONG.	CED CONCRE CORROSION U EE 1/8" REMAII HE FULL HEIG DRNER OF TH COXIMATELY 1 IE LOWER FL/ VERAGE 7/16 LONG. AT THE CORROSION	TE P TO 2" NS] FOR BHT OF E /2" ANGE, " SAME	3	6	6	Feet
107	Damage	4" X 3" X 18" SPALL WITH EXPOSED OVERHANG AT BENT 1 END DIAPHRA		_	3		1	Feet
107	Corrosion	CORROSION ON BOTTOM FLANGE W MEASURABLE SECTION LOSS EXTENTHE END AT BENT 1	_	ОМ	2	4		Feet
107	Corrosion	SURFACE CORROSION BOTTOM FLA END BENT 1	NGE WEST FA	ACE AT	2	1		Feet
107	Corrosion	SURFACE CORROSION ON BOTH ED	GES OF TOP F	LANGE	2	23		Feet
107	Corrosion	SURFACE CORROSION ON BOTTOM UP TO 10 FOOT FROM BENT 1	FLANGE EXTE	NDING	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	5 SF. OF INEFFECTIVE PROTECTIVE (BOTTOM FLANGE AND WEB AT BEN			4	5	5	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS LIMITED	EFFECTIVENI	ESS AT	4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS LIMITED		ESS	4	15	15	Square Feet
515	Peeling/Bubbling/Cracking (steel Protective Coatings)	a 30 SF. OF PEELING PAINT ON FLANG MAINLY EAST FACE NEAR BENT 1 AI			4	30	30	Square Feet

Spa	n 1	Beam 2						
Plat	e Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	38	37	0	1	0	Feet
515	Steel Pro	tective Coating	312	282	0	0	30	Square Feet
Elemen Numbe	Defect Type	Defect Description	on		cs	CS Qty	Maint Qty	
107	Corrosion	[PROMPT ACTION REQUEST] BEAM INTERFACE WITH THE REINFOR DIAPHRAGM, THERE IS A BAND OF COMIDE WITH SECTION LOSS [AVERAGA PPROXIMATELY 1' LONG X UP TO THE DIAPHRAGM.	CED CONCRE CORROSION L SE 3/8" REMAI	TE JP TO 1" NS] FOR	3	1		1 Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings) General Comments	30 SF. OF PEELING PAINT ON FLANG FACE AT RANDOM	ES AND WEB	WEST	4	30	3	0 Square Feet

Spa	n 1	Beam 3						
Plat	e Girder							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	38	31	6	1	0 F	eet
515	Steel Pro	tective Coating	312	276	0	0	36 S	quare Feet
Elemen Numbe	Dofoot Typo	Defect Description	on		cs	CS Qty	Maint Qty	
107	Corrosion	[PROMPT ACTION REQUEST] BEAM IN THE INTERFACE WITH THE REINFOR DIAPHRAGM, THERE IS A BAND OF COMIDE WITH SECTION LOSS [AVERAGE APPROXIMATELY 1' LONG X UP TO THE DIAPHRAGM.	CED CONCRE CORROSION U SE 3/8" REMAI	TE IP TO 1" NS] FOR	3	1	1	Feet
107	Corrosion	SURFACE CORROSION BOTTOM OF FROM 5 FT TO 10 FT FROM BENT 1	BOTTOM FLA	NGE	2	5		Feet
107	Corrosion	SURFACE CORROSION ON BOTTOM	FLANGE AT B	ENT 1	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS LIMITED BOTTOM OF BOTTOM FLANGE FROM BENT 1			4	5	5	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS LIMITED BOTTOM FLANGE AT BENT 1	EFFECTIVEN	ESS ON	4	1	1	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings) General Comments	30 SF. OF PEELING PAINT ON FLANG RANDOM	ES AND WEB	AT	4	30	30	Square Feet

Span 1		Beam 4						
Plate Gi	rder							
Element Number	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		38	37	0	1	0	Feet
515	Steel Protective Coating		312	282	0	0	30	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure Number: 500	<u>1037</u>		Inspe	ection Date: <u>11/16/2021</u>
107 Corrosion	[PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FO APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT O THE DIAPHRAGM.)R	1	1 Feet
515 Peeling/Buk cking (steel Protective (General Com	Coatings)	4	30	30 Square Feet

Spa	n 1	Beam 5						
Plat	e Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	n Girder/Beam	38	22	15	1	0 1	-eet
515	Steel Pro	rective Coating	312	250	0	0	62 \$	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
107	Corrosion	[PROMPT ACTION REQUEST] BEATHE INTERFACE WITH THE REINFO DIAPHRAGM, THERE IS A BAND O WIDE WITH SECTION LOSS [AVER FOR APPROXIMATELY 1' LONG X OF THE DIAPHRAGM.	ORCED CONCRE F CORROSION U AGE 3/16" REMA	ETE JP TO 2" NNS]	3	1	1	Feet
107	Corrosion	SURFACE CORROSION ON EDGES SIDES AT RANDOM WHERE PAINT		E BOTH	2	15		Feet
515	Effectiveness (Steel Protective Coatings)	Coating starting to fail.			4	32	32	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	30 SF. OF PEELING PAINT ON FLA RANDOM	NGES AND WEB	AT	4	30	30	Square Feet
	General Comments	·						_

Spa	n 1	Wearing Su	rface					
Asp	halt Wearing Sur	face						
Elen Num	. •	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearin	g Surface	1,140	760	0	380	0 S	quare Feet
lement lumber	Dofoct Type	Defect Desci	ription		cs	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	Full length longitudinal/map crac travel lanes	king up to 1/4" wid	de in	3	300	300	Square Feet
510	Crack (Wearing	FULL WIDTH TRANSVERSE/MAP WIDE OVER END BENT 1 AND BE			3	80	80	Square Feet
	Surface)	MIDE OVER END BEINT I AND BE	-141 1, DE141 1 011	• • • • • • • • • • • • • • • • • • • •				

Spar	n 1	Left Bridge	Rail					
Cond	crete Railing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinfor	ced Concrete Bridge Railing	38	27	1	10	0 Feet	
Element Number	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	Hairline to 1/16" wide transverse/n portion of rail	nap cracking in cu	ırb	3	10	10 Feet	

1 Feet

4" DIAMETER X 1" DEEP SPALL WITH EXPOSED REBAR Delamination/Spall AT END POST AT SOUTHWEST CORNER

Spa	n 1	Right Bridge	e Rail					
Con	crete Railing							
Elen Num	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinfor	ced Concrete Bridge Railing	38	25	1	12	0 F	eet
Elemen Number	Dofoct Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	Hairline to 1/16" wide transverse/r portion of rail	nap cracking in cu	rb	3	12	12	Feet
331	Delamination/Spall	3" X 1" X 1/2" DEEP SPALL WITH OF CURB AT GUARDRAIL ATTAC		IN TOP	2	1	1	Feet
-	General Comments							

Spa	ın 1	Near Bearing	g 1					
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	tective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
316	Corrosion	CORROSION WITH NO MEASURA	BLE SECTION LO	SS	2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING HAS FAILED			4	1		1 Square Feet
	General Comments							

Spa	n 1		Far Bearing	1					
Oth	er Bearing								
	ment nber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	0	ther Bea	arings	1	0	0	1	0	Each
515	S	teel Pro	rective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Tv	ре	Defect Descr	iption		CS	CS Qty	Maint Qty	
316	Corrosion		Section loss on outer edges with remaining. Bearing has previous active surface corrosion present.			3	1		1 Each
515	Effectiveness (•	PAINT FAILED			4	1		1 Square Feet
	General Comme	ents							

Spar	n 1	Far Bearing	, 2					
Othe	er Bearing							
Elem Num		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	1	0	0	0	1	Square Feet
Element Number	Dofoct Typo	Defect Descr	ription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION			2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS OF PR	OTECTIVE COATING	3	4	1		1 Square Feet
(General Comments							

Spa	n 1	Far Bearin	g 3					
Othe	er Bearing							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other I	Bearings	1	0	0	1	0	Each
515	Steel F	rotective Coating	1	0	0	0	1	Square Feet
lement lumber	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	Section loss on outer edges with remaining. Bearing has previou active surface corrosion presen	sly been painted with	1	3	1		1 Each
515	Effectiveness (Stee Protective Coatings				4	1		1 Square Feet
(General Comments							

Spa	an 1	Near Bearin	ıg 4					
Oth	er Bearing							
	ment mber	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	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION			2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS LIM	TED EFFECTIVEN	ESS	4	1	,	1 Square Feet
	General Comments							

Other Bear	rina							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings		1	0	1	0	0	Each
515	Steel Protective Coa	ating	1	0	0	0	1	Square Feet
lement lumber De	efect Type	Defect Descrip	tion		cs	CS Qty	Maint Qty	
316 Corros	ion SURFACI	E CORROSION			2	1	,	Each

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Effectiveness (Steel LIMITED EFFECTIVENESS OF PROTECTIVE COATING Protective Coatings) 4 1 Square Feet

Spa	an 1	Near Bearing	g 5					
Oth	ner Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Eleme	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION			2	1		Each
515	Effectiveness (Steel Protective Coatings)		ED EFFECTIVEN	ESS	4	1		1 Square Feet
	General Comments							

Spa	an 1	Far Bearing	5					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
316	Corrosion	Section loss on outer edges with remaining. Bearing has previous active surface corrosion present.	ly been painted with		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED			4	1		1 Square Feet
	General Comments							

Spa	n 2		Beam 1						
Plate	e Girder								
Elen Num		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam		38	31	6	1	0	Feet
515	Steel Pro	tective Coating		308	273	0	0	35	Square Feet
Element Number	Dofoot Typo		Defect Description			cs	CS Qty	Maint Qty	
107	Corrosion	THE INTERFACE W DIAPHRAGM, THEF WIDE WITH SECTION	REQUEST] BEAM END ITH THE REINFORCED RE IS A BAND OF CORI IN LOSS [AVERAGE 3/ I' LONG X UP TO THE I	CONCRE ROSION U 8" REMAI	TE JP TO 2" NS] FOR	3	1		l Feet
107	Corrosion	SECTION IN BOTTO SECTION IN WEB A	S CORROSION WITH 1/DM FLANGE AND 7/16" ROUND END DIAPHRAD OVER AND ARREST	REMAINI AGM AT B	NG	2	1		Feet
107	Corrosion	5 FT. OF SURFACE NEAR BENT 2	CORROSION ON BOT	TOM FLA	NGE	2	5		Feet
515	Effectiveness (Steel Protective Coatings)		TING HAS LIMITED EFF OM FLANGE AT BENT		IESS ON	4	5	!	5 Square Feet

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30

4

30 Square Feet

Peeling/Bubbling/Cra 30 SF. OF PEELING PAINT ON FLANGES AND WEB

cking (steel Protective Coatings)

_								
Spa	n 2	Beam 2						
Plat	e Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	n Girder/Beam	38	21	16	1	0	Feet
515	Steel Prot	ective Coating	308	263	0	0	45	Square Feet
Elemen Numbe	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
107		[PROMPT ACTION REQUEST] BEAN THE INTERFACE WITH THE REINFO DIAPHRAGM, THERE IS A BAND OF WIDE WITH SECTION LOSS [AVERA APPROXIMATELY 1' LONG X UP TO THE DIAPHRAGM.	RCED CONCRE CORROSION U GE 3/8" REMAI	ETE JP TO 3" INS] FOR	3	1	1	Feet
107	••••••	1 FT. OF PITTING 1/16" DEEP ON WI DIAPHRAGM AT BENT 2 HAS BEEN	,	ND	2	1		Feet
107		SURFACE CORROSION ALONG BO'RANDOM	TTOM FLANGE	AT	2	15		Feet
515		PROTECTIVE COATING HAS LIMITE ALONG BOTTOM FLANGE AT RAND		IESS	4	15	15	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings) General Comments	30 SF. OF PEELING PAINT ON FLAN	GES AND WEE	3	4	30	30	Square Feet

Spa	ın 2	Beam 3						
Plat	te Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	38	36	1	1	0 F	eet
515	Steel Prof	tective Coating	308	278	0	0	30 S	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
107	Corrosion	[PROMPT ACTION REQUEST] BE THE INTERFACE WITH THE REIN DIAPHRAGM, THERE IS A BAND WIDE WITH SECTION LOSS [AVE APPROXIMATELY 1' LONG X UP THE DIAPHRAGM.	FORCED CONCRI OF CORROSION I RAGE 3/8" REMA	ETE UP TO 3" INS] FOR	3	1	1	Feet
107	Corrosion	1 FT. OF PREVIOUS CORROSION SECTION IN WEB AROUND END I HAS BEEN PAINTED OVER			2	1		Feet
515	Peeling/Bubbling/Cra cking (steel	30 SF. OF PEELING PAINT ON FL	ANGES AND WEE	3	4	30	30	Square Feet

Spai	n 2	Beam 4						
Plate	e Girder							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	38	36	2	0	0 1	Feet
515	Steel Prot	tective Coating	308	278	0	0	30 \$	Square Feet
Element Number	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
107	Corrosion	1 FT. OF PAINTED OVER PITTIN WEB AROUND BENT 1 END DIA		P IN	2	1		Feet
107	Corrosion	1 FT. OF PREVIOUS CORROSIO SECTION IN WEB AROUND END HAS BEEN PAINTED			2	1		Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	30 SF. OF PEELING PAINT ON F	LANGES AND WEE	3	4	30	30	Square Feet

Span 2		E	Beam 5						
Plat	e Girder								
Nun	nent nber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam		38	16	21	1	0 1	Feet
515	Steel Pro	tective Coating		308	246	0	0	62	Square Feet
Elemen Numbe	Dofoot Typo		Defect Description			cs	CS Qty	Maint Qty	
107	Corrosion	THE INTERFACE WI DIAPHRAGM, THER WIDE WITH SECTIO	REQUEST] BEAM END ITH THE REINFORCED E IS A BAND OF CORI N LOSS [AVERAGE 3// ' LONG X UP TO THE I	CONCRE ROSION U 8" REMAI	TE IP TO 3" NS] FOR	3	1	1	Feet
107	Corrosion	REMAINING SECTION REMAINING SECTION	CORROSION WITH 1/ ON IN BOTTOM FLANG ON IN WEB AROUND E EN PAINTED WITH AC	E AND 7/ ND DIAPH	16" IRAGM	2	1		Feet
107	Corrosion		ION ALONG TOP FLAI W WHERE PAINT HAS		Н	2	20		Feet
515	Effectiveness (Steel Protective Coatings)	Coating starting to f	fail			4	32	32	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	30 SF. OF PEELING	PAINT ON FLANGES	AND WEB		4	30	30	Square Feet

	Wearing S	urface					
It Wearing Sur	face						
t r	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Wearin	g Surface	1,125	785	0	340	0 S	quare Feet
Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
ack (Wearing ırface)	Full length longitudinal/map crac travel lanes	cking up to 1/4" wid	de in	3	300	300	Square Feet
ack (Wearing	FULL WIDTH TRANSVERSE/MAR	CRACKING UP TO	O 1/2"	3	40	40	Square Feet
	t Wearing Sur Wearin Defect Type ack (Wearing	It Wearing Surface t	It Wearing Surface t Element Name Qty Wearing Surface 1,125 Defect Type Defect Description ack (Wearing Full length longitudinal/map cracking up to 1/4" widerface) Full length longitudinal/map cracking up to 1/4" widerface)	It Wearing Surface t Element Name Qty Qty Wearing Surface 1,125 785 Defect Type Defect Description ack (Wearing Full length longitudinal/map cracking up to 1/4" wide in travel lanes	It Wearing Surface t Element Name Qty Qty Qty Wearing Surface 1,125 785 0 Defect Type Defect Description CS ack (Wearing Full length longitudinal/map cracking up to 1/4" wide in travel lanes	t Element Name Qty Qty Qty Qty Qty Qty Qty Option Surface 1,125 785 0 340 Defect Type Defect Description CS CS Qty ack (Wearing Full length longitudinal/map cracking up to 1/4" wide in 3 300 travel lanes	t Element Name Qty

General Comments

Spa	ın 2	Left Bridge	Rail					
Con	crete Railing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ced Concrete Bridge Railing	38	28	0	10	0 Feet	
Elemen Numbe	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
331	Cracking (RC and Other)	Hairline to 1/16" wide transverse/n portion of rail	nap cracking in cu	ırb	3	10	10 Feet	
•	General Comments							

Spa	n 2	Right Bridge	e Rail					
Cor	ncrete Railing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ced Concrete Bridge Railing	38	26	0	12	0 Feet	
Elemer Numbe	Dofoct Typo	Defect Descri	ption		CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	Hairline to 1/16" wide transverse/n portion of rail	nap cracking in cu	ırb	3	12	12 Feet	
	General Comments							_

Spai	n 2	Near Bearin	g 1					
Othe	er Bearing							
Elem Num		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	tective Coating	1	0	0	0	1	Square Feet
Element Number	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION			2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS OF PR	OTECTIVE COATING	3	4	1		1 Square Feet
(General Comments							

Spa	ın 2	Far Bearin	ng 1					
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	0	1	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Type	Defect Des	scription		cs	CS Qty	Maint Qty	
316	Corrosion	Section loss on outer edges wit remaining. Bearing has previou active surface corrosion preser	usly been painted with		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED			4	1	,	1 Square Feet

Sna	an 2	Near Bearing	12					·
•	er Bearing		, -					
	ment mber	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	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Type	Defect Descrip	otion		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION			2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS LIMIT	ED EFFECTIVEN	ESS	4	1		1 Square Feet
	General Comments							

Spa	n 2	Far Bearing 2						
Oth	er Bearing							
	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	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	Surface rust present			2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	Coating starting to fail			4	1		1 Square Feet
-	General Comments							

Spa	n 2	Near Bear	ing 3					
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	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION			2	1		Each
515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS OF P	ROTECTIVE COATING	;	4	1		1 Square Feet
-	General Comments							

Span 2	2	Far Bea	aring 3					
Other	Bearing							
Elemen Numbe	- -	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	0	1	0	Each
515	Steel P	Protective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect	Description		cs	CS Qty	Maint Qty	
316 Co	orrosion	Section loss on outer edges remaining. Bearing has pre active surface corrosion pre	viously been painted wit	h	3	1		1 Each

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4

1 Square Feet

Effectiveness (Steel PAINT FAILED Protective Coatings)

General Comments

Spa	n 2	Near Bearin	g 4					
Oth	er Bearing							
	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	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION			2	1		Each
515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS OF PR	OTECTIVE COATING	;	4	1		1 Square Feet
_	General Comments							

Spa	ın 2	Far Bearing	J 4					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	Section loss on outer edges with remaining. Bearing has previous active surface corrosion present	sly been painted with		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED			4	1		1 Square Feet
•	General Comments							

Spa	n 2	Near Bearin	ng 5					
Othe	er Bearing							
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Elemen Number	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION			2	1		Each
515	Effectiveness (Steel Protective Coatings)		IITED EFFECTIVEN	ESS	4	1		1 Square Feet

Spa	an 2	Far Bearing	j 5					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Elemer	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	Section loss on outer edges with remaining. Bearing has previous active surface corrosion present.	sly been painted with	l	3	1	,	1 Each
515	Effectiveness (Steel Protective Coatings)	PAINT FAILED			4	1		1 Square Feet
	General Comments							

Span 3	3	Deck					
•	rced Concrete	Deck					
Elemen Numbe 12	r	Element Name red Concrete Deck	Total Qty 1,592	CS1 Qty 1,590	CS2 Qty	CS3 Qty 2	CS4 Qty 0 Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty
12 De	elamination/Spall	18" X 12" X 2" DEEP SPALL WITI UNDERSIDE OF LEFT OVERHAN MULTIPLE EXPOSED BARS TRA LONGITUDINAL HAVE SECTION REMAINING	G NEAR MID SPA NSVERSE AND	N.	3	2	2 Square Feet
Ger	neral Comments						

Spai	n 3	Beam 1						
Plate	e Girder							
Elen Num	nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel C	pen Girder/Beam	48	29	15	0	4 F	eet
515	Steel F	rotective Coating	460	370	0	0	90 S	Square Feet
Element Number	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
107	Corrosion	[PROMPT ACTION REQUEST] B THE LEFT LOWER FLANGE, CO LOSS [AVERAGE 1/16" REMAIN LONG WITH EDGE HOLES UP T SAME END IN THE LOWER 6" O WITH SECTION LOSS [AVERAG APPROXIMATELY 4' LONG WITH THROUGHOUT.	RROSION WITH SE IS] FOR APPROXIMA O 3/4" DIAMETER. A OF THE WEB, CORRO EE 1/16" REMAINS] F	CTION ATELY 4' AT THE OSION	4	4	4	Feet
107	Corrosion	SURFACE RUST ON TOP AND E VARIOUS LOCATIONS ALONG I		AT	2	15		Feet
107	Corrosion	DUPLICATE			1			Feet
515	Effectiveness (Stee Protective Coatings				4	5	5	Square Feet
515	Effectiveness (Stee Protective Coatings				4	5	5	Square Feet
515	Effectiveness (Stee Protective Coatings				4	50	50	Square Feet
515	Peeling/Bubbling/C cking (steel Protective Coatings	ra 30 SF. OF PEELING PAINT ON F)	LANGES AND WEB		4	30	30	Square Feet

Spai	n 3		Beam 2						
Plate	e Girder								
Elen Num		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam		48	20	28	0	0 1	-eet
515	Steel Pro	ective Coating		460	424	0	0	36	Square Feet
Element Number	Defect Type		Defect Description	on		cs	CS Qty	Maint Qty	
107	Corrosion	1 FT. OF ACTIVE CONSECTION IN WEB A				2	1	•	Feet
107	Corrosion	FRECKLED RUST	ON WEB AT RAND	ОМ		2	10		Feet
107	Corrosion	SURFACE CORROS	SION OF WEB AND	D BOTTOM FLA	ANGE AT	2	5		Feet
107	Corrosion	SURFACE RUST OF VARIOUS LOCATION			AT	2	12		Feet
515	Effectiveness (Steel Protective Coatings)	1 SF. OF INEFFECT BENT 2	IVE PROTECTIVE	COATING ON	WEB AT	4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATWEB AND BOTTOM		_	ESS AT	4	5	5	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	30 SF. OF PEELING	PAINT ON FLANC	GES AND WEB		4	30	30	Square Feet

Span 3		Beam 3						
Plate	e Girder							
Elen Num 107	nber	Element Name pen Girder/Beam	Total Qty 48	CS1 Qty 19	CS2 Qty 29	CS3 Qty	CS4 Qty	- eet
515		rotective Coating	460	423	0	0	37 \$	Square Feet
Element Number	Dofoot Tymo	Defect Descri	iption		cs	CS Qty	Maint Qty	
107	Corrosion	1 FT. OF ACTIVE CORROSION WI'S ECTION IN WEB AROUND END I			2	1		Feet
107	Corrosion					3		Feet
107	Corrosion	5 FT. OF SURFACE CORROSION (AND LOWER WEB NO MEASURA) BENT 3			2	5		Feet
107	Corrosion	SURFACE CORROSION OF BOTT WHERE PAINT HAS PEELED	OM FLANGE AT R	ANDOM	2	20		Feet
515	Effectiveness (Steel Protective Coatings				4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings		IVE COATING ON	WEB AT	4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings				4	5	5	Square Feet
515 -	Peeling/Bubbling/Cocking (steel Protective Coatings General Comments	a 30 SF. OF PEELING PAINT ON FLA	ANGES AND WEB		4	30	30	Square Feet
•								

Spa	n 3			Beam 4						
Plat	e Girder									
	ment nber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Ope	en Girder/Beam		48	46	2	0	0	eet
515		Steel Pro	tective Coating		460	428	0	0	32	Square Feet
Elemen Numbe	Dofoot	Туре		Defect Description			cs	CS Qty	Maint Qty	
107	Corrosion	forrosion 1 FT. OF ACTIVE CORROSION WITH 9/16" REMAINING SECTION IN WEB AROUND END DIAPHRAGM AT BENT 3				2	1	-	Feet	
107	Corrosion		1 FT. OF SURFACE DIAPHRAGM AT B	E CORROSION ON WEB ENT 2	AROUNI) END	2	1		Feet
515	Effectivenes Protective 0		1 SF. OF INEFFECT BENT 2	TIVE PROTECTIVE COA	TING ON	WEB AT	4	1	1	Square Feet
515	Effectivenes Protective 0		1 SF. OF INEFFECT BENT 3	TIVE PROTECTIVE COA	TING ON	WEB AT	4	1	1	Square Feet
515	cking (steel Protective (Coatings)	30 SF. OF PEELING	G PAINT ON FLANGES	AND WEB	}	4	30	30	Square Feet
	General Com	ments								

Spa	n 3	Beam 5						
Plat	e Girder							
	ment nber Steel Ope	Element Name Steel Open Girder/Beam		CS1 Qty 43	CS2 Qty 0	CS3 Qty 5	CS4 Qty 0 F	eet
515	Steel Pro	tective Coating	460	419	0	0	41 S	quare Feet
Elemen Numbe	Dofoot Tyme	Defect Descri	ption		cs	CS Qty	Maint Qty	
107	Corrosion	IPROMPT ACTION REQUEST] BEAM END AT BENT 3 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 2" WIDE WITH SECTION LOSS [AVERAGE 5/16" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM. AT THE SAME END IN THE LOWER LEFT FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 1/8" REMAINS] FOR APPROXIMATELY 5' LONG. AT 1.5' OUT FROM THE SAME END IN THE LOWER 5' OF THE WEB, CORROSION WITH SECTION LOSS [AVERAGE 1/8" REMAINS] FOR APPROXIMATELY 3' LONG.			3	5	5	Feet
107	Corrosion	DUPLICATE			1			Feet
515	Effectiveness (Steel Protective Coatings)	5 SF. OF INEFFECTIVE PROTECTIVE BENT 3	VE COATING ON	WEB AT	4	5	5	Square Feet
515	Effectiveness (Steel Protective Coatings)	6 SF. OF INEFFECTIVE PROTECTIVE AND BOTTOM FLANGE AT BENT 2		WEB	4	6	6	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	30 SF. OF PEELING PAINT ON FLA	ANGES AND WEB		4	30	30	Square Feet

Span 3		Wearing Surface					
Asphalt	Wearing Surface						
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface		1,425	1,182	0	243	0 Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qtv

Structure	Number: <u>500037</u>			Inspe	ction Da	ate: <u>11/16/2021</u>
510	Crack (Wearing Surface)	Full length longitudinal/map cracking up to 3/16" wide in travel lanes	3	200	200	Square Feet
510	Crack (Wearing Surface)	FULL WIDTH TRANSVERSE/MAP CRACK UP TO 2" WIDE WITH ASPHALT DETERIORATION WITH UP TO 3/4" DEEP POT HOLES UP TO 1' LONG X 2" WIDE OVER BENT 3	3	40	40	Square Feet
510	Patched Area/Pothole (Wearing Surface)	3' Long x 6" wide x 2 1/2" deep pothole at right shoulder at pier 3	3	3	3	Square Feet
	General Comments					

Spa	n 3	Left Bridge	Rail					
Con	crete Railing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ced Concrete Bridge Railing	48	27	1	20	0 F	eet
Elemen Numbe	Dofoct Typo	Defect Descri	ption		CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	Hairline to 1/16" wide transverse/n portion of rail	nap cracking in cu	ırb	3	20	20	Feet
331	Delamination/Spall	3" X 3/4" X 1/4" DEEP SPALL WITH TOP OF CURB AT 15 FT FROM BE		AR IN	2	1	1	Feet
-	General Comments							

Spar	າ 3	Right Bridge	Rail					
Con	crete Railing							
Elem Num 331	ber	Element Name sed Concrete Bridge Railing	Total Qty 48	CS1 Qty 32	CS2 Qty	CS3 Qty 15	CS4 Qty	eet
Element Number		Defect Descri			cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	Hairline to 1/16" wide transverse/n portion of rail	nap cracking in cu	rb	3	15	15	Feet
331	Delamination/Spall	3" X 1" X 1/2" DEEP SPALL WITH I FACE OF RAIL POST AT BENT 2	EXPOSED REBAR	IN	2	1	1	Feet
7	Seneral Comments							

Spa	n 3	Near Bearing 1						
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	etective Coating	1	0	0	0	1 Squar	re Feet
Elemen Numbe	Dofoot Typo	Defect Descriptio	n		cs	CS Qty	Maint Qty	
316	Corrosion	LIGHT SURFACE RUST			2	1	Ea	ch
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING			4	1	1 Sq	uare Feet
-	General Comments							

3	Far Bearing 1						
r Bearing							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other Be	arings	1	0	1	0	0	Each
Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Defect Type	Defect Description			cs	CS Qty	Maint Qty	
Corrosion	LIGHT SURFACE RUST			2	1		Each
	PROTECTIVE COATING FAILING			4	1		1 Square Feet
	Steel Pro	ent ber Element Name Other Bearings Steel Protective Coating Defect Type Defect Description Corrosion LIGHT SURFACE RUST Effectiveness (Steel PROTECTIVE COATING FAILING	r Bearing ent Element Name Other Bearings 1 Steel Protective Coating 1 Defect Type Defect Description Corrosion LIGHT SURFACE RUST Effectiveness (Steel PROTECTIVE COATING FAILING	r Bearing ent Element Name Qty Qty Other Bearings 1 0 Steel Protective Coating 1 0 Defect Type Defect Description Corrosion LIGHT SURFACE RUST Effectiveness (Steel PROTECTIVE COATING FAILING	r Bearing ent Element Name Otty Qty Qty Other Bearings 1 0 1 Steel Protective Coating 1 0 0 Defect Type Defect Description CS Corrosion LIGHT SURFACE RUST 2 Effectiveness (Steel PROTECTIVE COATING FAILING 4	r Bearing ent Element Name Total CS1 CS2 CS3 Otty Other Bearings 1 0 1 0 Steel Protective Coating 1 0 0 0 Defect Type Defect Description CS CS Qty Corrosion LIGHT SURFACE RUST 2 1 Effectiveness (Steel PROTECTIVE COATING FAILING 4 1	r Bearing ent Element Name Qty

Spa	n 3	Near Bearing 2						
Othe	er Bearing							
Elen Num	nent nber	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	1	0	0	0	1	Square Feet
Element Number	Dofoct Typo	Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	LIGHT SURFACE RUST			2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING			4	1		1 Square Feet
-	General Comments							

Span	3	Far Bearing 2						
Othe	r Bearing							
Eleme Numb		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	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
316 (Corrosion	LIGHT SURFACE RUST			2	1	-	Each
	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING			4	1	,	1 Square Feet
G	eneral Comments							

Spar	າ 3	N	lear Bearing 3						
Othe	er Bearing								
Elem Num		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		1	0	0	0	1	Square Feet
Element Number	Dofoct Typo		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	LIGHT SURFACE RU	IST			2	1		Each
	Effectiveness (Steel Protective Coatings		ING FAILING			4	1		1 Square Feet

Spa	n 3	Far Bearing 3						
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	1	0	0	0	1	Square Feet
Elemen	Defeat Type	Defect Description			CS	CS Qty	Maint Qty	
316	Corrosion	LIGHT SURFACE RUST			2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING			4	1		1 Square Feet
	General Comments							

Spar	n 3	Near Bearing 4						
Othe	er Bearing							
Elem Num		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	1	0	0	0	1	Square Feet
Element Number	Defeat Type	Defect Description	n		cs	CS Qty	Maint Qty	
316	Corrosion	LIGHT SURFACE RUST			2	1		Each
	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING			4	1		1 Square Feet
C	General Comments							

Spa	n 3		Far Bearing 4						
Oth	er Be	earing							
	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	1	0	0	0	1	Square Feet
Elemen Numbe		Defect Type	Defect Description	on		cs	CS Qty	Maint Qty	
316	Corre	osion	LIGHT SURFACE RUST			2	1		Each
515		ctiveness (Steel ective Coatings)	PROTECTIVE COATING FAILING			4	1		1 Square Feet
•	Gener	al Comments							

Span 3		Near Bearing 5						
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		1	0	0	0	1 Square	Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

316CorrosionLIGHT SURFACE RUST21Each515Effectiveness (Steel PROTECTIVE COATING FAILING Protective Coatings)411Square Feet

General Comments

Spar	n 3 er Bearing	Far Bearing 5						
Elem Num	nent	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	1	0	0	0	1	Square Feet
Element Number	Dofoct Typo	Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	LIGHT SURFACE RUST			2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILING			4	1		1 Square Feet
(General Comments							

Spa	n 4	Beam 1						
Plate	e Girder							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
107	Steel O	oen Girder/Beam	33	7	23	3	0	Feet
515	Steel Pr	Steel Protective Coating 2			40	0	36	Square Feet
Element Number	Defect Type	Defect I	Description		cs	CS Qty	Maint Qty	
107	Corrosion	[PROMPT ACTION REQUES' THE INTERFACE WITH THE DIAPHRAGM, THERE IS A B WIDE WITH SECTION LOSS APPROXIMATELY 1' LONG) THE DIAPHRAGM. AT THE S FLANGE, CORROSION WITH 3/8" REMAINS] FOR APPROXIMATELY	REINFORCED CONCRE AND OF CORROSION U [AVERAGE 3/8" REMAI K UP TO THE FULL HEI BAME END IN THE LOW I SECTION LOSS [AVEI	ETE JP TO 1" INS] FOR GHT OF 'ER	3	3	•	3 Feet
107	Corrosion	2 FT. OF PREVIOUS CORRO REMAINING SECTION IN WE AND BOTTOM 3" OF WEB 3' BEEN CLEANED AND PAINT	B AROUND END DIAPI LONG AT BENT 4 ARE	HRAGM	2	3		Feet
107	Corrosion	Freckled rust present on top at various locations along be		nd web	2	20		Feet
515	Effectiveness (Steel Protective Coatings)	Coating has failed.			4	6	(6 Square Feet
515	Peeling/Bubbling/Cracking (steel Protective Coatings)	a 30 SF. OF PEELING PAINT C	ON FLANGES AND WEB	3	4	30	30	0 Square Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective			2	40	4	O Square Feet

General Comments

BOLTED PLATE REPAIR FULL HEIGHT X 1' LONG TO WEB AT BENT 3

Opu.	n 4	Beam 2						
Plate	e Girder							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	33	20	12	1	0 F	eet
515	Steel Pro	tective Coating	246	196	20	0	30 \$	Square Feet
Element Number	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
107	Corrosion	[PROMPT ACTION REQUEST] E THE INTERFACE WITH THE REI DIAPHRAGM, THERE IS A BANI WIDE WITH SECTION LOSS [AV APPROXIMATELY 1' LONG X UI THE DIAPHRAGM.	INFORCED CONCRE D OF CORROSION U /ERAGE 3/8" REMAI	TE IP TO 1" NS] FOR	3	1	1	Feet
107	Corrosion	1 FT. OF CORROSION WITH 7/1 WEB AROUND END DIAPHRAG PAINTED OVER			2	1		Feet
107	Corrosion	Freckled rust present on top an at various locations along beam		d web	2	10		Feet
107	Corrosion	Section loss up to 3/16" with 3/4 at beam end over pier 3. Beam painted.			2	1		Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	30 SF. OF PEELING PAINT ON F	FLANGES AND WEB		4	30	30	Square Feet

Spa	n 4	В	eam 3						
Plate	e Girder								
Elen Num 107	nber	Element Name en Girder/Beam		Total Qty 33	CS1 Qty 22	CS2 Qty 10	CS3 Qty 1	CS4 Qty 0	- eet
515	Steel Pro	tective Coating		246	196	20	0	30	Square Feet
Element Number	Defect Type		Defect Description			cs	CS Qty	Maint Qty	
107	Corrosion	[PROMPT ACTION RI THE INTERFACE WIT DIAPHRAGM, THERE WIDE WITH SECTION FOR APPROXIMATE! OF THE DIAPHRAGM	THE REINFORCES IS A BAND OF COR I LOSS [AVERAGE 5] LY 1' LONG X UP TO	CONCRE ROSION U /16" REMA	ETE JP TO 1" AINS]	3	1	1	Feet
107	Corrosion	Freckled rust present at various locations a	•	flanges an	id web	2	10		Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	30 SF. OF PEELING F	PAINT ON FLANGES	AND WEB	3	4	30	30	Square Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective	e			2	20	20	Square Feet
(General Comments								

BOLTED PLATE REPAIR TO WEB ON BEAM 3 SPAN 4 24" X 24" AT BENT 3 END BOTH FACES

Spai	n 4	Beam 4						
Plate	e Girder							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	33	11	22	0	0 F	eet
515	Steel Prof	tective Coating	246	175	40	0	31 \$	Square Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
107	Corrosion	1 FT. OF PREVIOUS CORROSIO SECTION IN WEB AROUND END HAS BEEN PAINTED			2	1	·	Feet
107	Corrosion	1 FT. OF SURFACE CORROSION AND PITTNG WEB AT BENT 4	N ON BOTTOM FLA	NGE	2	1		Feet
107	Corrosion	Freckled rust present on top and at various locations along beam		nd web	2	20		Feet
515	Effectiveness (Steel Protective Coatings)	1 SF. OF INEFFECTIVE PROTECT BOTTOM FLANGE AND WEB AT			4	1	1	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	30 SF. OF PEELING PAINT ON F	LANGES AND WEE	3	4	30	30	Square Feet
515	Effectiveness (Steel	Substantially effective			2	40	40	Square Feet

Span 4	Beam 5

Plate	e Girder							
Elem Num 107	ber	Element Name en Girder/Beam	Total Qty 33	CS1 Qty 6	CS2 Qty 26	CS3 Qty 1	CS4 Qty	Feet
515	Steel Pro	otective Coating	246	163	50	0	33	Square Feet
Element Number	Defect Tyme	Defect De	escription		cs	CS Qty	Maint Qty	
107	Corrosion	PAR-SECTION LOSS UP TO 3 REMAINING FULL WIDTH OF ON BEAM END OVER PIER 3. CLEANED AND PAINTED WITH CORROSION. PLATE REPAIR EXTEND OUT TO DEFECT.	BOTTOM FLANGE 1F BEAM END HAS BEE H ACTIVE SURFACE	T LONG N	3	1	1	l Feet
107	Corrosion	1 FT. OF SURFACE CORROSION AND WEB AT BENT 4	ON ON BOTTOM FLAM	NGE	2	1		Feet
107	Corrosion	Freckled rust present on top a at various locations along bea		d web	2	25		Feet
515	Effectiveness (Steel Protective Coatings)	1 SF. OF INEFFECTIVE PROTE			4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	Coating has failed.			4	2	2	2 Square Feet
515	• ,	30 SF. OF PEELING PAINT ON	FLANGES AND WEB		4	30	30) Square Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective			2	50	50	Square Feet

General Comments

BOLTED PLATE REPAIR 24" X 24" TO WEB BOTH SIDES AND 24" BOTTOM FLANGE WEST SIDE BEAM 5 SPAN 4 AT BENT 3

า 4	Wearing	Surface					
nalt Wearing Surfa	ce						
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Wearing S	Surface	975	707	0	268	0 S	quare Feet
Dofoct Type	Defect De	scription		cs	CS Qty	Maint Qty	
`		acking up to 1/8" wid	de in	3	225	225	Square Feet
	FULL WIDTH TRANSVERSE/M. WIDE OVER BENT 4,	AP CRACKING UP TO	O 1/2"	3	40	40	Square Feet
	3' Long x 6" wide x 2 1/2" deep pier 3	pothole at left shou	lder at	3	3	3	Square Feet
	Defect Type Crack (Wearing Surface) Crack (Wearing Surface) Crack (Wearing Surface) Patched Area/Pothole	nalt Wearing Surface Tent ber Element Name Wearing Surface Defect Type Defect De Crack (Wearing Full length longitudinal/map crace) travel lanes Crack (Wearing FULL WIDTH TRANSVERSE/M WIDE OVER BENT 4, Patched Area/Pothole 3' Long x 6" wide x 2 1/2" deep	nalt Wearing Surface tent Element Name Qty Wearing Surface 975 Defect Type Defect Description Crack (Wearing Surface) Full length longitudinal/map cracking up to 1/8" wide Surface) travel lanes Crack (Wearing Full WIDTH TRANSVERSE/MAP CRACKING UP To WIDE OVER BENT 4, Patched Area/Pothole 3' Long x 6" wide x 2 1/2" deep pothole at left shou	nalt Wearing Surface Total CS1 ber Element Name Qty Qty Wearing Surface 975 707 Defect Type Defect Description Crack (Wearing Surface) Full length longitudinal/map cracking up to 1/8" wide in travel lanes Crack (Wearing Surface) FULL WIDTH TRANSVERSE/MAP CRACKING UP TO 1/2" WIDE OVER BENT 4, Patched Area/Pothole 3' Long x 6" wide x 2 1/2" deep pothole at left shoulder at	nalt Wearing Surface tent Element Name Qty Qty Qty Wearing Surface 975 707 0 Defect Type Defect Description CS Crack (Wearing Surface) Full length longitudinal/map cracking up to 1/8" wide in travel lanes Crack (Wearing Full WIDTH TRANSVERSE/MAP CRACKING UP TO 1/2" 3 Surface) WIDE OVER BENT 4, Patched Area/Pothole 3' Long x 6" wide x 2 1/2" deep pothole at left shoulder at 3	Total CS1 CS2 CS3 ber Element Name Qty Qty Qty Qty Qty Wearing Surface 975 707 0 268 Defect Type Defect Description CS CS Qty Crack (Wearing Full length longitudinal/map cracking up to 1/8" wide in 3 225 Surface) travel lanes Crack (Wearing FULL WIDTH TRANSVERSE/MAP CRACKING UP TO 1/2" 3 40 WIDE OVER BENT 4, Patched Area/Pothole 3' Long x 6" wide x 2 1/2" deep pothole at left shoulder at 3 3	Total CS1 CS2 CS3 CS4 ber Element Name Qty Qty Qty Qty Qty Qty Qty Wearing Surface 975 707 0 268 0 S Defect Type Defect Description CS CS Qty Maint Qty Crack (Wearing Full length longitudinal/map cracking up to 1/8" wide in 3 225 225 Surface) travel lanes Crack (Wearing FULL WIDTH TRANSVERSE/MAP CRACKING UP TO 1/2" 3 40 40 Surface) WIDE OVER BENT 4, Patched Area/Pothole 3' Long x 6" wide x 2 1/2" deep pothole at left shoulder at 3 3 3

Span	4	Left Bridge	Rail					
Conc	rete Railing							
Eleme Numb	er	Element Name	Total Qty 33	CS1 Qty 20	CS2 Qty	CS3 Qty	CS4 Qty	eet
Element Number	Defect Type	Defect Descr			cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	Hairline to 1/16" wide transverse/r portion of rail	map cracking in cu	ırb	3	12	12	Feet
331 [Delamination/Spall	3" X 1" X 1/2" DEEP SPALL WITH OF CURB AT 10 FT FROM BENT 4		IN TOP	2	1	1	Feet
	eneral Comments							

Spa	n 4	Right Bridg	e Rail					
Con	crete Railing							
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinf	orced Concrete Bridge Railing	33	18	0	15	0 Feet	
Elemen Numbei	Defeat Type	Defect Descr	iption		cs	CS Qty	Maint Qty	
331	Cracking (RC and Other)	Hairline to 1/16" wide transverse/i portion of rail	map cracking in cu	ırb	3	15	15 Feet	
-	General Comments							_

Spa	ın 4		Near Bear	ing 1					
Oth	er Bearing	I							
	ment nber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	arings	1	0	0	1	0	Each
515		Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct	Туре	Defect Des	scription		cs	CS Qty	Maint Qty	
316	Corrosion		Section loss on outer edges wir remaining. Bearing has previou active surface corrosion preser	usly been painted with	1	3	1		1 Each
515	Effectivene Protective		COATING STARTING TO FAIL			4	1		1 Square Feet
•	General Con	nments							

Spa	ın 4	Far Bearing	j 1					
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	0	1	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	Section loss on outer edges with remaining. Bearing has previous active surface corrosion present.	ly been painted with	١	3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	Coating starting to fail.			4	1		1 Square Feet
•	General Comments							

Spa	n 4	Near Bearin	ıg 2					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
316	Corrosion	Section loss on outer edges with remaining. Bearing has previous active surface corrosion present.	ly been painted with	l	3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	COATING STARTING TO FAIL			4	1		1 Square Feet
	General Comments							

Spa	an 4	Far Bearing 2						
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	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	FRECKLED CORROSION			2	1		Each
515	Effectiveness (Steel Protective Coatings)	FRECKLED CORROSION			2	1		1 Square Feet
	General Comments							

Span 4		Near Bearing 3						
Other B	earing							
Element Number	Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings		1	0	0	1	0 Each	
515	Steel Protective Coatin	g	1	0	0	0	1 Squa	re Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qtv	

Structure	Number: <u>500037</u>			Inspe	ction Date: <u>11/16/2021</u>
316	Corrosion	Section loss on outer edges with greater than 75% remaining. Bearing has previously been painted with active surface corrosion present.	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	COATING STARTING TO FAIL	4	1	1 Square Feet
	General Comments				

Span	4	Far Bearin	ng 3					
Other	Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	0	1	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316 (Corrosion	Section loss on outer edges wit remaining. Bearing has previou rust staining present.		th light	3	1	1	Each
	Effectiveness (Steel Protective Coatings)	Coating starting to fail.			4	1	1	Square Feet
G	eneral Comments							

Spa	n 4	Near Beari	ng 4					
Othe	er Bearing							
Elen Nun	nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	0	1	0	Each
515	Steel Pro	etective Coating	1	0	0	0	1	Square Feet
Elemen Number	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	Section loss on outer edges with remaining. Bearing has previou active surface corrosion present	sly been painted with		3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	COATING STARTING TO FAIL			4	1	1	Square Feet
-	General Comments							

Spa	an 4	Far Bearing	g 4					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	0	1	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	Section loss on outer edges with remaining. Bearing has previous rust staining present.		th light	3	1	,	1 Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS LIN	IITED EFFECTIVEN	ESS	4	1	•	1 Square Feet
	General Comments							

Span	n 4	Near Beari	ng 5					
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	0	1	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	Section loss on outer edges with remaining. Bearing has previous active surface corrosion present	sly been painted with		3	1	-	1 Each
	Effectiveness (Steel Protective Coatings)	COATING STARTING TO FAIL			4	1		1 Square Feet

Canara	Comments
General	Lomments

Spa	n 4		Far Bearing	5					
Oth	er Bearing								
	ment nber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	(Other Be	arings	1	0	0	1	0	Each
515	;	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct T	уре	Defect Descr	iption		cs	CS Qty	Maint Qty	
316	Corrosion		Section loss on outer edges with remaining. Bearing has previous active surface corrosion present.	ly been painted with		3	1		1 Each
515	Effectiveness Protective Co	•	FAILED COATING			4	1		1 Square Feet
-	General Comm	nents							

Spa	n 5	Deck									
Reinforced Concrete Deck											
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
12	Reinforc	ed Concrete Deck	1,106	1,091	10	5	0 Square Feet				
Elemen Number	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty				
12	Delamination/Spall	3 SPALLS WITH EXPOSED REBAR DECK NEAR BENT 4 UP TO 3" DIA			3	3	3 Square Feet				
12	Delamination/Spall	TWO SPALL WITH EXPOSED REB. DECK 4" DIAMETER X 1" DEEP AT 2			3	2	2 Square Feet				
12	Delamination/Spall	A FEW SMALL AREAS UP TO DEL UNDERSIDE WEST/EAST OVERHA LOCATIONS			2	3	3 Square Feet				
12	Efflorescence/Rust Staining	7' long hairline diagonal crack with underside of deck bay 4 at abutme			2	7	Square Feet				

Spa	n 5	Beam 1						
Plat	e Girder							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	33	11	20	2	0 1	Feet
515	Steel Pro	tective Coating	257	183	40	0	34	Square Feet
Elemen Numbe	Defeat Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
107	Corrosion	1/4" section loss with 3/8" average remaining full width of bottom flange. Beam end has been painted with active surface corrosion present. No PAR issued due to repair plate added at pier 4.		tive	3	2	2	? Feet
107	Corrosion	Freckled rust present on top and at various locations along beam	bottom flanges ar	nd web	2	20		Feet
515	Effectiveness (Steel Protective Coatings)	Coating starting to fail			4	4	4	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	30 SF. OF PEELING PAINT ON FI	ANGES AND WEE	3	4	30	30	Square Feet
					2	40	40	Square Feet

BOLTED PLATE REPAIR TO BOTTOM FLANGE WEST AND BOTH FACES OF WEB AT BENT 4 BEAM END AT BENT 4 HAS BEEN PAINTED.

Spa	n 5	Beam 2						
Plate	e Girder							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	33	19	13	0	1 F	eet
515	Steel Pro	ective Coating	257	201	24	0	32 S	Square Feet
Elemen Number	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
107	Corrosion	PAR1 FT LONG X 2" WIDE AREA CORROSION WITH 1/4" REMAININ AROUND END DIAPHRAGM AT BE PAINTED OVER AND ARRESTED.	G SECTION IN WI		4	1	1	Feet
107	Corrosion	Freckled rust present on top and bat various locations along beam	ottom flanges and	d web	2	12		Feet
107	Corrosion	Minor section loss less than 1/16" at pier 4. Beam end has been pain corrosion	•	_	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	Coating has failed			4	2	2	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	30 SF. OF PEELING PAINT ON FLA	INGES AND WEB		4	30	30	Square Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective			2	24	24	Square Feet
(General Comments							

Span 5		Beam 3						
Plate Gi	rder							
Element Number	Element N	ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	1	33	22	11	0	0	Feet
515	Steel Protective Coating		257	207	20	0	30	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>500037</u>			Inspec	etion Date: 11/16/2021
107	Corrosion	1 FT. OF PREVIOUS CORROSION WITH 7/16" REMAINING SECTION IN WEB AROUND END DIAPHRAGM AT BENT 4 HAS BEEN PAINTED	2	1	Feet
107	Corrosion	Freckled rust present on top and bottom flanges and web at various locations along beam	2	10	Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	30 SF. OF PEELING PAINT ON FLANGES AND WEB	4	30	30 Square Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective	2	20	20 Square Feet

Spai	n 5	Beam 4						
Plate	e Girder							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	33	16	17	0	0 F	eet
515	Steel Prof	tective Coating	257	195	30	0	32 S	quare Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
107	Corrosion	1 FT. OF PREVIOUS CORROSIC SECTION IN WEB AROUND ENI HAS BEEN PAINTED			2	1		Feet
107	Corrosion	Freckled rust present on top an at various locations along beam		d web	2	15		Feet
107	Corrosion	Minor section loss less than 1/1 at pier 4. Beam end has been p corrosion	•	_	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	Coating has failed.			4	2	2	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	30 SF. OF PEELING PAINT ON F	FLANGES AND WEB		4	30	30	Square Feet
515	Effectiveness (Steel	Substantially effective			2	30	30	Square Feet

Spai	n 5	Beam 5						
Plate	e Girder		Total CS1 CS2 CS3 CS4 Qty Qty Qty Qty Qty 33 7 22 0 4 Feet 257 179 40 0 38 Square Feet Defect Description CS CS Qty EQUEST] BEAM END AT BENT 4 IN 4 4 4 Feet CORROSION WITH SECTION LOSS AINS] FOR APPROXIMATELY 4' LONG. IN THE LOWER 4" OF THE WEB, ECTION LOSS [AVERAGE 5/16" ROXIMATELY 4' LONG. CORROSION WITH 7/16" REMAINING 2 1 Feet CONTROSION WITH 7/16" REMAINING 2 1 Feet					
Element Number El		Element Name						
107	Steel Op	en Girder/Beam	33	7	22	0	4 F	eet
515	Steel Pro	tective Coating	257	179	40	0	38 S	quare Feet
Element Number	Defeat Type	Defect Descripti	on		cs	CS Qty		
107	Corrosion	•	WITH SECTION ROXIMATELY A B" OF THE WEB AVERAGE 5/16	N LOSS 4' LONG. 3,	4	4	4	Feet
107	Corrosion	1 FT. OF PREVIOUS CORROSION WI SECTION IN WEB AROUND END DIA HAS BEEN PAINTED		_	2	1		Feet
107	Corrosion	Freckled rust present on top and bot at various locations along beam	tom flanges an	d web	2	20		Feet
107	Corrosion	SURFACE CORROSION ON BOTTOM 10" LONG AT END BENT 2 NO SECT		T FACE	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS FAILED	•		4	8	8	Square Feet

Structure	Number: <u>500037</u>			Inspecti	on Date: <u>11/16/2021</u>
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	30 SF. OF PEELING PAINT ON FLANGES AND WEB	4	30	30 Square Feet
515	Effectiveness (Steel Protective Coatings)	Substantially effective	2	40	40 Square Feet
	General Comments				

Spai	า 5	Wearing Su	ırface					
Aspl	halt Wearing Sur	face						
Elem Num	ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearin	g Surface	990	800	0	190	0 S	Square Feet
Element Number	Dofoct Typo	Defect Descri	ription		cs	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	Full length longitudinal/map crac travel lanes	Full length longitudinal/map cracking up to 1/4" wide in travel lanes		3	150	150	Square Feet
510	Crack (Wearing Surface)	FULL WIDTH TRANSVERSE/MAP WIDE OVER END BENT 2	CRACKS UP TO 1	/4"	3	40	40	Square Feet
(General Comments							

Spar	า 5	Left Bridge	Rail					
Cond	crete Railing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ced Concrete Bridge Railing	33	19	2	12	0 F	eet
Element Number	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	Hairline to 1/16" wide transverse/r portion of rail	map cracking in cu	ırb	3	12	12	Feet
331	Delamination/Spall	TWO SPALLS WITH EXPOSED RE IN TOP OF CURB AT 12 FT AND 6			2	2	2	Feet
-	General Comments							

Spa	an 5	Right Bridge F	Rail					
Cor	ncrete Railing							
	ment mber Reinford	Element Name red Concrete Bridge Railing	Total Qty 33	CS1 Qty 15	CS2 Qty 3	CS3 Qty 15	CS4 Qty 0 F	eet
Elemer Numbe	Dofoot Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
331	Cracking (RC and Other)	Hairline to 1/16" wide transverse/ma portion of rail	p cracking in cu	ırb	3	15	15	Feet
331	Delamination/Spall	TWO SPALLS WITH EXPOSED REBAIN TOP/FRONT FACE OF CURB 4 FT			2	2	2	Feet
331	Exposed Rebar	FAR END ON THE TOP OF THE REIN RAIL, EXPOSED REBAR [APPROXIN WIDE] WITH NO MEASURABLE SEC	IATELY 5" LON		2	1	1	Feet
	General Comments	-						

n 5	Near Bear	ing 1					
er Bearing							
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Other Be	arings	1	0	0	1	0	Each
Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
Corrosion	remaining. Bearing has previou	ısly been painted with		3	1		1 Each
Effectiveness (Steel Protective Coatings)	Coating starting to fail.			4	1		1 Square Feet
	or Bearing ent ber Other Be Steel Pro Defect Type Corrosion Effectiveness (Steel	ent ber Element Name Other Bearings Steel Protective Coating Defect Type Defect Des Corrosion Section loss on outer edges wit remaining. Bearing has previou active surface corrosion presen Effectiveness (Steel Coating starting to fail.	ent Element Name Qty Other Bearings 1 Steel Protective Coating 1 Defect Type Defect Description Corrosion Section loss on outer edges with greater than 75% remaining. Bearing has previously been painted with active surface corrosion present. Effectiveness (Steel Coating starting to fail.	ent Bearing ent Bearing Other Bearings Other Bearing to Defect Description Defect Type Other Description Corrosion Section loss on outer edges with greater than 75% remaining. Bearing has previously been painted with active surface corrosion present. Effectiveness (Steel Coating starting to fail.	ent Bearing ent Bearing Total CS1 CS2 CS2 Der Element Name Qty Qty Qty Other Bearings 1 0 0 Steel Protective Coating 1 0 0 Defect Type Defect Description CS Corrosion Section loss on outer edges with greater than 75% remaining. Bearing has previously been painted with active surface corrosion present. Effectiveness (Steel Coating starting to fail. 4	ent ber Element Name Qty Qty Qty Qty Qty Other Bearings 1 0 0 1 Steel Protective Coating 1 0 0 0 1 Defect Type Defect Description CS CS Qty Corrosion Section loss on outer edges with greater than 75% remaining. Bearing has previously been painted with active surface corrosion present. Effectiveness (Steel Coating starting to fail.	rent Element Name Qty

General (Comments
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Spa	n 5			Far Bearing 1						
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		1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot	Туре		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion		Light surface rust				2	1	•	Each
515	Effectivenes Protective C		LIMITED EFFECTIV	/ENESS			4	1		1 Square Feet
	General Com	ments								

Span	า 5	Near Bearin	ng 2					
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0 1	Each
515	Steel Pro	otective Coating	1	0	0	0	1 5	Square Feet
Element Number	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	Section loss on outer edges with remaining. Bearing has previous rust staining present.		th light	3	1	1	Each
	Effectiveness (Steel Protective Coatings)	Coating starting to fail			4	1	1	Square Feet
G	General Comments							

Span 5		Near Bearing 3						
Other B	earing							
Element Number	Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings		1	0	0	1	-	Each
515	Steel Protective Coating	g	1	0	0	0	1	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>500037</u>			Inspec	tion Date: 11/16/2021
316	Corrosion	Section loss on outer edges with greater than 75% remaining. Bearing has previously been painted with light rust staining present.	3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	Coating starting to fail	4	1	1 Square Feet
	General Comments				

Spa	n 5	Near Bearin	ng 4					
Othe	er Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	0	1	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Element Number	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	Section loss on outer edges with remaining. Bearing has previous rust staining present.		h light	3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	Coating starting to fail.			4	1		1 Square Feet

General Comments

General Comments

Spa Oth	ın 5 er Bearing	Near Bear	ing 5					
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bo	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
316	Corrosion	Section loss on outer edges wit remaining. Bearing has previou active surface corrosion presen	ısly been painted with		3	1	-	1 Each
515	Effectiveness (Steel Protective Coatings)	Coating starting to fail.			4	1		1 Square Feet

Spa	ın 5	1	Far Bearing 5						
Oth	er Bearing								
	ment mber	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		1	0	0	0	1	Square Feet
Elemen Numbe	Defeat Tyme		Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	Light surface rust				2	1		Each
515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVE	ENESS			4	1		1 Square Feet
•	General Comments								

Ber	nt 1	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	40	29	0	11	0 Feet	
Elemer	Dofoct Typo	Defect Descrip	tion		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	[PROMPT ACTION REQUEST] SOU END, LOWER 10", SPALLING WITH [APPROXIMATELY 40" LONG X UP	EXPOSED REBA		3	2	2 Feet	
234	Cracking (RC and Other)	6' LONG X 1/8" WIDE HORIZONTAL UNDER BAY 1	CRACK NORTH	FACE	3	6	6 Feet	
234	Cracking (RC and Other)	HORIZONTAL CRACK 3 FT LONG U SOUTH FACE MID WAY BETWEEN			3	3	3 Feet	
	General Comments							_

Bent		Pile 1						
Reinf	forced Concrete	Column						
Elem Numi		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ed Concrete Column	1	0	0	1	0 E	Each
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
205	Delamination/Spall	[PROMPT ACTION REQUEST] 6 SPALL WITH EXPOSED RUSTE LOSS AT NORTHWEST CORNE	D REBAR NO SECTI		3	1	5	Each
205	Delamination/Spall	3 FT X 9" X 1" DEEP SPALL AN NORTHEAST CORNER	D DELAMINATION A	Т	3		3	Each

l	Pile 2						
orced Concrete	Column						
nt er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinford	ed Concrete Column	1	0	0	1	0 E	ach
Defect Type	Defec	ct Description		cs	CS Qty	Maint Qty	
racking (RC and other)			CKING	3		6	Each
racking (RC and other)	VERTICAL CRACKS UP TO NORTH FACE	O 7 FT LONG AND 1/16" V	VIDE IN	3		7	Each
elamination/Spall		· · · · · · · · · · · · · ·	N WITH	3	1	4	Each
	nt er Reinford Defect Type racking (RC and ther) racking (RC and ther)	nt Element Name Reinforced Concrete Column Defect Type Defect Type Tracking (RC and ther) VERTICAL CRACKS UP To NORTH FACE Element Name Reinforced Concrete Column Defect Type Defect Type VERAL AREAS OF DEL UP TO 1/16" WIDE ON NO VERTICAL CRACKS UP To NORTH FACE elamination/Spall 4 FT X 1 FT X 1/2" DEEP S	Defect Type Tacking (RC and ther) Total SEVERAL AREAS OF DELAMINATIONS WITH CRAC Tacking (RC and ther) Paracking (RC and ther) VERTICAL CRACKS UP TO 7 FT LONG AND 1/16" WITH CRAC NORTH FACE	Defect Type Tacking (RC and ther) Total SEVERAL AREAS OF DELAMINATIONS WITH CRACKING UP TO 1/16" WIDE ON NORTH FACE Pracking (RC and ther) Possible (RC and ther	Defect Type Defect Type Defect Description Defect Type Defect Description Defect Type Defect Description CS Tacking (RC and ther) Total Qty Qty Qty Qty Qty Qty Qty Qty Qty Qt	Defect Type Defect Type Defect Type Defect Description Defect Type Defect Description Defect Type Defect Description CS CS Qty CS Qty CS Qty CS Qty CS CS Qty	Defect Type Defect Type Defect Type Defect Description Total CS1 CS2 CS3 CS4 Qty Qty Qty Qty Qty Qty Qty Qt

End B	ent 1	Abutment						
Reinfo	orced Concrete	Abutment						
Elemei Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinford	ed Concrete Abutment	60	57	1	2	0 F	eet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
215 D	elamination/Spall	SPALL WITH EXPOSED REBAR CRACK WITH EFFLORESCENCE WIDE IN CURTAIN WALL AT WE	E 12" LONG X UP TO		3	2	2	Feet

Structure	Number: <u>500037</u>			Inspe	ction Date: 11/16/2021
215	Cracking (RC and Other)	1' long vertical hairline to 1/32" crack abay 3	2	1	Feet
215	Cracking (RC and Other)	1' long horizontal hairline crack at east end	1	1	Feet

En	d Bent 1	Cap 1						
Rei	inforced Concrete	Pier Cap						
	ement mber Reinford	Element Name red Concrete Pier Cap	Total Qty 48	CS1 Qty 38	CS2 Qty 2	CS3 Qty 8	CS4 Qty 0 Fe	eet
Eleme Numb	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	6 FT HORIZONTAL CRACK UP TO 1/ BEAM 1	16" WIDE UNDE	R	3	6	6	Feet
234	Delamination/Spall	8" DIAMETER X 1" DEEP SPALL WIT UNDER BAY 4	H EXPOSED RE	BAR	3	1	1	Feet
234	Delamination/Spall	8" X 2 FT X 1/2" DEEP SPALL WITH I UNDER BAY 4	EXPOSED REBA	AR	3	1	1	Feet
234	Cracking (RC and Other)	2 FT HORIZONTAL CRACK UP TO 1/2	32" WIDE UNDE	R BAY	2	2		Feet
	General Comments							

Ber	nt 2	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ced Concrete Pier Cap	40	19	10	11	0 Feet	
Eleme	Defeat Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	3 FT X 1.5 FT HIGH DELAMINATION 1/4" WIDE IN SOUTH FACE UNDER E		IP TO	3	3	3 Feet	
234	Cracking (RC and Other)	6FT LONG HORIZONTAL CRACK UP BAYS 1 AND 2 NORTH FACE	TO 1/4" WIDE	UNDER	3	6	6 Feet	
234	Cracking (RC and Other)	DIAGONAL CRACK UP TO 1/16" WIE SPAN 2 SIDE	DE BEAM 1 PED	ESTAL	3	1	1 Feet	
234	Cracking (RC and Other)	DIAGONAL CRACK UP TO 1/16" WID PEDESTAL UNDER BEAM 2	DE IN EAST FAC	E OF	3	1	1 Feet	
234	Cracking (RC and Other)	2' LONG 1/32" HORIZONTAL CRACK BEAM 4	NORTH FACE	UNDER	2	2	Feet	
234	Cracking (RC and Other)	DIAGONAL CRACK UP TO 1/32" WID PEDESTAL EAST FACE	DE IN BEAM 2		2	1	Feet	
234	Cracking (RC and Other)	HORIZONTAL CRACK UP TO 1/32" V UNDER BEAM 4	VIDE ON SOUTI	H FACE	2	3	Feet	
234	Delamination/Spall	3 FT X 1 FT X 6" DELAMINATION IN BEAM 5 IN FLUTED PORTION	UNDERSIDE UN	IDER	2	3	3 Feet	
234	Delamination/Spall	8" DIAMETER DELAMINATION AND DEEP SPALL WITH EXPOSED REBA FACE UNDER BEAM 1			2	1	1 Feet	
	General Comments							

Bent	2	Pile 1						
Reinf	orced Concrete	Column						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ced Concrete Column	1	0	0	1	0 Ea	ch
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	VERTICAL THRU CRACK 7 FOO' IN MIDDLE OF CRASH WALL BO		WIDE	3	1	14	Each
G	eneral Comments							

End E	Bent 2	Abutment						
Reinfo	orced Concrete	Abutment						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforc	ed Concrete Abutment	60	59	1	0	0 Feet	
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
215 E	Delamination/Spall	3" diameter x up to 3/4" deep spa 6" long hairline horizontal crack.		1 with a	2	1	1 Feet	
Ge	eneral Comments							_

End	l Bent 2	Cap 1						
Reir	nforced Concrete	Pier Cap						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	48	44	0	4	0 Feet	
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	HORIZONTAL CRACK 4 FT LON OF CAP UNDER BEAM 5	G UP TO 1/8" WIDE	IN FACE	3	4	4 Feet	
-	General Comments							_

Ber	nt 3	Cap 1							
Rei	inforced Concrete	Pier Cap							
	ement mber Reinford	Element Name red Concrete Pier Cap	Total Qty 40	CS1 Qty 38	CS2 Qty 1	CS3 Qty 1	CS4 Qty	Feet	
Eleme	Dofoot Typo	Defec	et Description		cs	CS Qty	Maint Qty		
234	Delamination/Spall	SPALL WITH EXPOSED RI		EEP IN	3	1	1	Feet	
234	Delamination/Spall	9" DIAMETER DELAMINAT 5	TION NORTH FACE UN	DER BEAM	2	1	1	Feet	
	General Comments								

Bei	nt 3	Pile 1						
Rei	inforced Concrete	Column						
Nu	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ed Concrete Column	1	0	0	1	0 E	ach
Eleme	Dofoct Typo	Defect Description	n		cs	CS Qty	Maint Qty	
205	Cracking (RC and Other)	VERTICAL THRU CRACK 7 FOOT LON MIDDLE OF CRASHWALL BOTH FACE		E IN	3		14	Each
205	Cracking (RC and Other)	VERTICAL THRU CRACK 7 FT LONG X OF CRASHWALL BOTH FACES	1/4" WIDE IN	MIDDLE	3		7	Each
205	Delamination/Spall	9" X 6" X 1/2" DEEP SPALL WITH EXPO LOSS IN SOUTH FACE BELOW CAP	OSED REBAR	R NO	3	1	1	Each
205	Cracking (RC and Other)	AREA OF HAIRLINE MAP CRACKING 1 FACE OF CRASH WALL	10' LONG ON	SOUTH	1			Each
	General Comments							

Bent	forced Concrete	Pile 2						
Keiii	iorceu concrete	Column						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ced Concrete Column	1	0	0	1	0	Each
lement lumber	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	[PROMPT ACTION REQUEST] N SPALLING WITH EXPOSED RE HIGH X UP TO 1.25' WIDE X UP	BAR [APPROXIMATI	•	3		4	I Each
205	Delamination/Spall	PARSPALL WITH EXPOSED R HORIZONTAL TIE 3 FOOT X 1 F NORTHEAST CORNER MID HEI	OOT X 4" DEEP IN	-	3	1	3	3 Each

Ben	t 4	Cap 1					
Reir	nforced Concrete	Pier Cap					
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
234	Reinfor	ced Concrete Pier Cap	40	38	2	0	0 Feet
lemen lumbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty
234	Cracking (RC and Other)	2 hairline to 1/32" wide horizonta cap that extend on to north face		ce of	2	2	Feet
-	General Comments						

Bent 4		Pile 1						
Reinfo	rced Concrete	Column						
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ced Concrete Column	1	0	0	1	0 E	Each
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
	racking (RC and ther)	VERTICAL CRACK 5 FT LONG U NORTHEAST CORNER	P TO 1/8" WIDE AT		3	1	5	Each
Gei	neral Comments							

Ben	t 4	Pi	ile 2						
Reir	nforced Concrete	Column							
	nent nber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205 Reinforced		red Concrete Column		1	0	0	1	-	Each
lemen lumbe	Dofoot Typo	ı	Defect Description			cs	CS Qty	Maint Qty	
3 ()		6 FOOT X 9" AREA O UP TO 1/8" WIDE AT			KING	3	1	6	Each
-	Canaral Comments								

General Comments

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1273
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	38
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	38
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	38
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	38
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	38
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	38
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	38
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1140
Span 1	Near Bearing 1	Other Bearing	Other Bearings	1
Span 1	Far Bearing 1	Other Bearing	Other Bearings	1
Span 1	Far Bearing 2	Other Bearing	Other Bearings	1
Span 1	Near Bearing 2	Other Bearing	Other Bearings	1
Span 1	Near Bearing 3	Other Bearing	Other Bearings	1
Span 1	Far Bearing 3	Other Bearing	Other Bearings	1
Span 1	Far Bearing 4	Other Bearing	Other Bearings	1
Span 1	Near Bearing 4	Other Bearing	Other Bearings	1
Span 1	Near Bearing 5	Other Bearing	Other Bearings	1
Span 1	Far Bearing 5	Other Bearing	Other Bearings	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1257
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	38
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	38
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	38
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	38
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	38
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	38
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	38
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1125
Span 2	Near Bearing 1	Other Bearing	Other Bearings	1
Span 2	Far Bearing 1	Other Bearing	Other Bearings	1
Span 2	Far Bearing 2	Other Bearing	Other Bearings	1
Span 2	Near Bearing 2	Other Bearing	Other Bearings	1
Span 2	Near Bearing 3	Other Bearing	Other Bearings	1
Span 2	Far Bearing 3	Other Bearing	Other Bearings	1
Span 2	Far Bearing 4	Other Bearing	Other Bearings	1
Span 2	Near Bearing 4	Other Bearing	Other Bearings	1
Span 2	Near Bearing 5	Other Bearing	Other Bearings	1
Span 2	Far Bearing 5	Other Bearing	Other Bearings	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1592
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	48
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	48
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	48
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	48
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	48
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	48

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1425
Span 3	Near Bearing 1	Other Bearing	Other Bearings	1
Span 3	Far Bearing 1	Other Bearing	Other Bearings	1
Span 3	Far Bearing 2	Other Bearing	Other Bearings	1
Span 3	Near Bearing 2	Other Bearing	Other Bearings	1
Span 3	Near Bearing 3	Other Bearing	Other Bearings	1
Span 3	Far Bearing 3	Other Bearing	Other Bearings	1
Span 3	Far Bearing 4	Other Bearing	Other Bearings	1
Span 3	Near Bearing 4	Other Bearing	Other Bearings	1
Span 3	Near Bearing 5	Other Bearing	Other Bearings	1
Span 3	Far Bearing 5	Other Bearing	Other Bearings	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1089
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	33
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	33
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	33
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	33
Span 4	Beam 5	Plate Girder	Steel Open Girder/Beam	33
Span 4	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	33
Span 4	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	33
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	975
Span 4	Near Bearing 1	Other Bearing	Other Bearings	1
Span 4	Far Bearing 1	Other Bearing	Other Bearings	1
Span 4	Far Bearing 2	Other Bearing	Other Bearings	1
Span 4	Near Bearing 2	Other Bearing	Other Bearings	1
Span 4	Near Bearing 3	Other Bearing	Other Bearings	1
Span 4	Far Bearing 3	Other Bearing	Other Bearings	1
Span 4	Far Bearing 4	Other Bearing	Other Bearings	1
Span 4	Near Bearing 4	Other Bearing	Other Bearings	1
Span 4	Near Bearing 5	Other Bearing	Other Bearings	1
Span 4	Far Bearing 5	Other Bearing	Other Bearings	1
Span 5	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1106
Span 5	Beam 1	Plate Girder	Steel Open Girder/Beam	33
Span 5	Beam 2	Plate Girder	Steel Open Girder/Beam	33
Span 5	Beam 3	Plate Girder	Steel Open Girder/Beam	33
Span 5	Beam 4	Plate Girder	Steel Open Girder/Beam	33
Span 5	Beam 5	Plate Girder	Steel Open Girder/Beam	33
Span 5	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	33
Span 5	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	33
Span 5	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	990
Span 5	Far Bearing 1	Other Bearing	Other Bearings	1
Span 5	Near Bearing 1	Other Bearing	Other Bearings	1
Span 5	Near Bearing 2	Other Bearing	Other Bearings	1
Span 5	Far Bearing 2	Other Bearing	Other Bearings	1
Span 5	Far Bearing 3	Other Bearing	Other Bearings	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 5	Near Bearing 3	Other Bearing	Other Bearings	1
Span 5	Near Bearing 4	Other Bearing	Other Bearings	1
Span 5	Far Bearing 4	Other Bearing	Other Bearings	1
Span 5	Far Bearing 5	Other Bearing	Other Bearings	1
Span 5	Near Bearing 5	Other Bearing	Other Bearings	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	40
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	48
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	60
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	40
Bent 2	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	48
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	60
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	40
Bent 3	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 4	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	40
Bent 4	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 4	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 500037 Inspection Date: 11/16/2021

National Bridge Inventory Items

Item	Grade Scale	Grade	
Item 58: Deck	0 - 9 , N	6	Note:
Item 59: Superstructure	0 - 9 , N	5	Items 58,59,60,62 reflect this
Item 60: Substructure	0 - 9 , N	5	inspection only.
Item 61: Channel and Channel Protection	0 - 9 , N	N	For overall NBI coding grade, see cover sheet.
Item 62: Culvert	0 - 9 , N	N	
Item 71: Waterway Adequacy	0 - 9 , N	N	
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

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	F	6676	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C		0	3352
Scour	G, F, P, or C			
Wingwall	G, F, P, or C	G	0	3350
Field Scour Evaluation				
Drift	G, F, P, or C		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		Α		

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	7
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	Υ
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	N

National Bridge and NC SMU Inspection Item Details

Structure Number: 500037 Inspection Date: 11/16/2021

Item	Deck - Item 58	Grade 6	Maint Code	Qty.	0
Details	GRADING MAINTAINED				
Item	Superstructure - Item 59	Grade 5	Maint Code	Qty.	0
Details	GRADING MAINTAINED				
Item	Substructure - Item 60	Grade 5	Maint Code	Qty.	0
Details	GRADING MAINTAINED				
Item	Deck Debris	Grade F	Maint Code 3376	Qty.	6676

Details RIGHT AND LEFT GUTTERLINES, DEBRIS ACCUMULATION ALONG THE LENGTHS



Span 1 Left Bridge Rail: 4" DIAMETER X 1" DEEP SPALL WITH EXPOSED REBAR AT END POST AT SOUTHWEST CORNER



RIGHT AND LEFT GUTTERLINES, DEBRIS ACCUMULATION ALONG THE LENGTHS



Span 1 Wearing Surface: FULL WIDTH TRANSVERSE/MAP CRACKING UP TO 1/2" WIDE OVER END BENT 1 AND BENT 1, BENT 1 SHOWN



Span 1 Wearing Surface: FULL WIDTH TRANSVERSE/MAP CRACKING UP TO 1/2" WIDE OVER END BENT 1 AND BENT 1, BENT 1 SHOWN



Span 3 Wearing Surface: FULL WIDTH TRANSVERSE/MAP CRACK UP TO 2" WIDE WITH ASPHALT DETERIORATION WITH UP TO 3/4" DEEP POT HOLES UP TO 1' LONG X 2" WIDE OVER BENT 3



Span 3 Wearing Surface: FULL WIDTH TRANSVERSE/MAP CRACK UP TO 2" WIDE WITH ASPHALT DETERIORATION WITH UP TO 3/4" DEEP POT HOLES UP TO 1' LONG X 2" WIDE OVER BENT 3



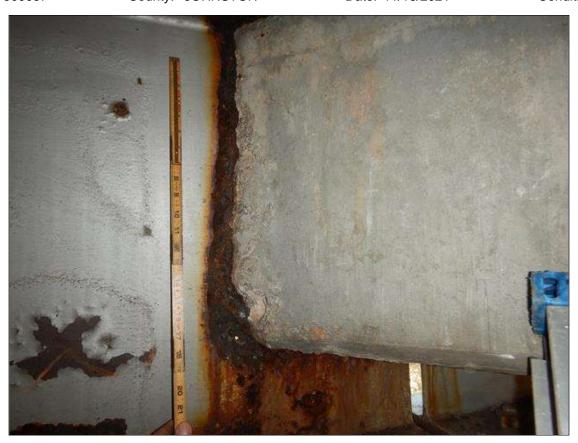
Span 3 Wearing Surface: 3' Long x 6" wide x 2 1/2" deep pothole at right shoulder at pier 3



Span 5 Right Bridge Rail: FAR END ON THE TOP OF THE REINFORCED CONCRETE RAIL, EXPOSED REBAR [APPROXIMATELY 5" LONG X 1/2" WIDE] WITH NO MEASURABLE SECTION LOSS



Span 1 Beam 1: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 2" WIDE WITH SECTION LOSS [AVERAGE 1/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM. AT THE LOWER CORNER OF THE INTERFACE THERE IS A HOLE [APPROXIMATELY 1/2" DIAMETER]. AT THE SAME END IN THE LOWER FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 7/16" REMAINS] FOR APPROXIMATELY 6' LONG. AT THE SAME END IN THE LOWER 3" OF THE WEB, CORROSION WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 6' LONG.



Span 1 Beam 1: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 2" WIDE WITH SECTION LOSS [AVERAGE 1/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM. AT THE LOWER CORNER OF THE INTERFACE THERE IS A HOLE [APPROXIMATELY 1/2" DIAMETER]. AT THE SAME END IN THE LOWER FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 7/16" REMAINS] FOR APPROXIMATELY 6' LONG. AT THE SAME END IN THE LOWER 3" OF THE WEB, CORROSION WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 6' LONG.



Span 1 Beam 3: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.



Span 1 Beam 2: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.



Span 1 Beam 4: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.



Span 1 Beam 5: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 2" WIDE WITH SECTION LOSS [AVERAGE 3/16" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.



Span 2 Beam 1: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 2" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.



Span 2 Beam 2: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 3" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.



Span 2 Beam 3: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 3" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.



Span 2 Beam 5: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 3" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.



Span 4 Beam 2: [PROMPT ACTION REQUEST] BEAM END AT BENT 4 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.



Span 4 Beam 3: [PROMPT ACTION REQUEST] BEAM END AT BENT 4 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 5/16" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.



Span 3 Beam 5: [PROMPT ACTION REQUEST] BEAM END AT BENT 3 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 2" WIDE WITH SECTION LOSS [AVERAGE 5/16" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM. AT THE SAME END IN THE LOWER LEFT FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 1/8" REMAINS] FOR APPROXIMATELY 5' LONG. AT 1.5' OUT FROM THE SAME END IN THE LOWER 5" OF THE WEB, CORROSION WITH SECTION LOSS [AVERAGE 1/8" REMAINS] FOR APPROXIMATELY 3' LONG.



Span 3 Beam 1: [PROMPT ACTION REQUEST] BEAM END AT BENT 3 IN THE LEFT LOWER FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 1/16" REMAINS] FOR APPROXIMATELY 4' LONG WITH EDGE HOLES UP TO 3/4" DIAMETER. AT THE SAME END IN THE LOWER 6" OF THE WEB, CORROSION WITH SECTION LOSS [AVERAGE 1/16" REMAINS] FOR APPROXIMATELY 4' LONG WITH PERFORATIONS THROUGHOUT.



Span 3 Beam 1: [PROMPT ACTION REQUEST] BEAM END AT BENT 3 IN THE LEFT LOWER FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 1/16" REMAINS] FOR APPROXIMATELY 4' LONG WITH EDGE HOLES UP TO 3/4" DIAMETER. AT THE SAME END IN THE LOWER 6" OF THE WEB, CORROSION WITH SECTION LOSS [AVERAGE 1/16" REMAINS] FOR APPROXIMATELY 4' LONG WITH PERFORATIONS THROUGHOUT.



Span 4 Beam 1: [PROMPT ACTION REQUEST] BEAM END AT BENT 3 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM. AT THE SAME END IN THE LOWER FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 3' LONG.



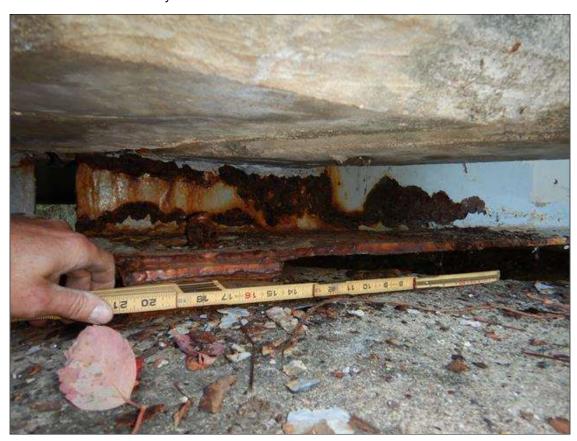
Span 4 Beam 1: [PROMPT ACTION REQUEST] BEAM END AT BENT 3 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM. AT THE SAME END IN THE LOWER FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 3' LONG.



Span 4 Beam 5: PAR--SECTION LOSS UP TO 3/8" WITH 3/8" AVERAGE REMAINING FULL WIDTH OF BOTTOM FLANGE 1FT LONG ON BEAM END OVER PIER 3. BEAM END HAS BEEN CLEANED AND PAINTED WITH ACTIVE SURFACE CORROSION. PLATE REPAIR ADDED BUT DOES NOT EXTEND OUT TO DEFECT.



Span 5 Beam 2: PAR--1 FOOT LONG X 2" WIDE AREA OF PREVIOUS CORROSION WITH 1/4" REMAINING SECTION IN WEB AROUND END DIAPHRAGM AT BENT 4 AREA HAS BEEN PAINTED OVER AND ARRESTED.



Span 5 Beam 5: [PROMPT ACTION REQUEST] BEAM END AT BENT 4 IN THE LOWER FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 1/4" REMAINS] FOR APPROXIMATELY 4' LONG. AT THE SAME END IN THE LOWER 4" OF THE WEB, CORROSION WITH SECTION LOSS [AVERAGE 5/16" REMAINS] FOR APPROXIMATELY 4' LONG.



Bent 3 Pile 2: PAR--SPALL WITH EXPOSED REBAR AND BROKEN HORIZONTAL TIE 3 FOOT X 1 FOOT X 4" DEEF IN NORTHEAST CORNER MID HEIGHT WITH SECTION LOSS



Bent 1 Cap 1: [PROMPT ACTION REQUEST] SOUTH FACE AT THE LEFT END, LOWER 10", SPALLING WITH EXPOSED REBAR [APPROXIMATELY 40" LONG X UP TO 2.5" DEEP]



Bent 1 Pile 1: 3 FOOT X 9" X 1" DEEP SPALL AND DELAMINATION AT NORTHEAST CORNER



Bent 1 Pile 1: [PROMPT ACTION REQUEST] 6 FOOT X 9" X 2" DEEP SPALL WITH EXPOSED RUSTED REBAR NO SECTION LOSS AT NORTHWEST CORNER

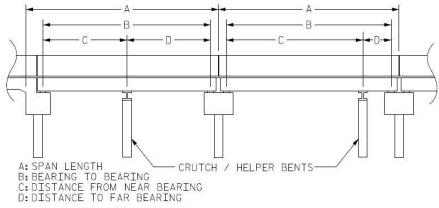


Bent 3 Pile 2: [PROMPT ACTION REQUEST] NORTHEAST CORNER, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 4' HIGH X UP TO 1.25' WIDE X UP TO 3" DEEP]

Structure Data Worksheet

Span Profile





Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	38.000	36.000			
2	37.500	36.500			
3	47.500	46.500			
4	32.500	31.500			
5	33.000	31.000			

Structure Number: 500037 Span: 3 Route Name: Railroad



SPAN 3, LOOKING EAST AT THE RAIL LINE

Route Number: 80000	000	00 Route Name: Railroad					Reference Feature:	R
Minimum Vertical Clear	250 feet	Maxim	um Minimum Vertical (Clearance	feet			
Total Horizontal Cleara	0 feet	Latera	l Clearances: Left: 21	.500 feet	Right 11.750	feet		
Base Highway Netwo	ork	LRS Inv	entory R	Route, Sub Route Num	ber			
Milepost: 0.000	Number	of Lanes:		ADT:	Year of A	DT:	Percentage of Trucks:	0
National Highway System					TRAHNET	Highway Desig	nator	
Functional Classification				Direc	tion of Tra	ffic:		



SOUTHWEST CORNER, GUARDRAIL END



SOUTHEAST CORNER, GUARDRAIL END



SOUTH APPROACH LOOKING NORTH



SOUTHWEST CORNER, GUARDRAIL TRANSITION



SOUTHWEST CORNER, GUARDRAIL NOT CONNECTED



SOUTHEAST CORNER, GUARDRAIL TRANSITION AND CONNECTION [SIMILAR AT THE NORTHEAST CORNER]



FROM THE DECK, LOOKING WEST AT THE RAIL LINE



FROM THE DECK, LOOKING EAST AT THE RAIL LINE



NORTHWEST CORNER, GUARDRAIL TRANSITION AND CONNECTION



NORTH APPROACH LOOKING SOUTH



NORTHWEST CORNER, GUARDRAIL END



NORTHEAST CORNER, GUARDRAIL END



FROM THE DECK, LOOKING NORTH



FROM THE DECK, LOOKING SOUTH



SOUTHWEST CORNER, REINFORCED CONCRETE WING [SIMILAR AT THE NORTHWEST CORNER, NORTHEAST CORNER, & SOUTHEAST CORNER]



SPAN 1 GIRDER 3 NEAR BEARING [TYPICAL BEARING AT THE ABUTMENTS]



ABUTMENT 1, LOOKING SOUTH



BENT 1, LOOKING SOUTH [BENT 4 SIMILAR]



BENT 2, LOOKING NORTH [BENT 3 SIMILAR]



SPAN 2 SUPERSTRUCTURE, LOOKING NORTH [ALL SPANS SIMILAR]



GIRDERS 2 BEARINGS AT BENT 4 [TYPICAL BEARINGS AT THE BENTS]



ABUTMENT 2, LOOKING NORTH



SPAN 3, LOOKING EAST AT THE RAIL LINE



SPAN 3, LOOKING WEST AT THE RAIL LINE



EAST PROFILE, LOOKING WEST

County JOHNSTON Bridge: 500037 Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	6	Span 1 Beam 1: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 2" WIDE WITH SECTION LOSS [AVERAGE 1/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM. AT THE LOWER CORNER OF THE INTERFACE THERE IS A HOLE [APPROXIMATELY 1/2" DIAMETER]. AT THE SAME END IN THE LOWER FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 7/16" REMAINS] FOR APPROXIMATELY 6' LONG. AT THE SAME END IN THE LOWER 3" OF THE WEB, CORROSION WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 6' LONG.	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 2: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 3: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 4: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.	

Bridge: 500037 County JOHNSTON Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 5: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 2" WIDE WITH SECTION LOSS [AVERAGE 3/16" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 1: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 2" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 2: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 3" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 3: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 3" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 5: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 3" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.	



County JOHNSTON Bridge: 500037 Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	4	Span 3 Beam 1: [PROMPT ACTION REQUEST] BEAM END AT BENT 3 IN THE LEFT LOWER FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 1/16" REMAINS] FOR APPROXIMATELY 4' LONG WITH EDGE HOLES UP TO 3/4" DIAMETER. AT THE SAME END IN THE LOWER 6" OF THE WEB, CORROSION WITH SECTION LOSS [AVERAGE 1/16" REMAINS] FOR APPROXIMATELY 4' LONG WITH PERFORATIONS THROUGHOUT.	
3314	Maintain Steel Superstructure Components	LF	5	Span 3 Beam 5: [PROMPT ACTION REQUEST] BEAM END AT BENT 3 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 2" WIDE WITH SECTION LOSS [AVERAGE 5/16" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM. AT THE SAME END IN THE LOWER LEFT FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 1/8" REMAINS] FOR APPROXIMATELY 5' LONG. AT 1.5' OUT FROM THE SAME END IN THE LOWER 5" OF THE WEB, CORROSION WITH SECTION LOSS [AVERAGE 1/8" REMAINS] FOR APPROXIMATELY 3' LONG.	
3314	Maintain Steel Superstructure Components	LF	3	Span 4 Beam 1: [PROMPT ACTION REQUEST] BEAM END AT BENT 3 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM. AT THE SAME END IN THE LOWER FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 3' LONG.	



Bridge: 500037 County JOHNSTON Date:

MMS Code	Description of Function	Unit	Quantity Remarks		Est. Cost
3314	Maintain Steel Superstructure Components	LF	1	Span 4 Beam 2: [PROMPT ACTION REQUEST] BEAM END AT BENT 4 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.	
3314	Maintain Steel Superstructure Components	LF	1	Span 4 Beam 3: [PROMPT ACTION REQUEST] BEAM END AT BENT 4 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 5/16" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.	
3314	Maintain Steel Superstructure Components	LF	1	Span 4 Beam 5: PARSECTION LOSS UP TO 3/8" WITH 3/8" AVERAGE REMAINING FULL WIDTH OF BOTTOM FLANGE 1FT LONG ON BEAM END OVER PIER 3. BEAM END HAS BEEN CLEANED AND PAINTED WITH ACTIVE SURFACE CORROSION. PLATE REPAIR ADDED BUT DOES NOT EXTEND OUT TO DEFECT.	
3314	Maintain Steel Superstructure Components	LF	1	Span 5 Beam 2: PAR1 FOOT LONG X 2" WIDE AREA OF PREVIOUS CORROSION WITH 1/4" REMAINING SECTION IN WEB AROUND END DIAPHRAGM AT BENT 4 AREA HAS BEEN PAINTED OVER AND ARRESTED.	
3314	Maintain Steel Superstructure Components	LF	4	Span 5 Beam 5: [PROMPT ACTION REQUEST] BEAM END AT BENT 4 IN THE LOWER FLANGE, CORROSION WITH SECTION LOSS [AVERAGE 1/4" REMAINS] FOR APPROXIMATELY 4' LONG. AT THE SAME END IN THE LOWER 4" OF THE WEB, CORROSION WITH SECTION LOSS [AVERAGE 5/16" REMAINS] FOR APPROXIMATELY 4' LONG.	



County JOHNSTON Bridge: 500037 Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3348	Maintain Concrete Substructure Components	LF	2	Bent 1 Cap 1: [PROMPT ACTION REQUEST] SOUTH FACE AT THE LEFT END, LOWER 10", SPALLING WITH EXPOSED REBAR [APPROXIMATELY 40" LONG X UP TO 2.5" DEEP]	
3348	Maintain Concrete Substructure Components	LF	5	Bent 1 Pile 1: [PROMPT ACTION REQUEST] 6 FOOT X 9" FOOT X 2" DEEP SPALL WITH EXPOSED RUSTED REBAR NO SECTION LOSS AT NORTHWEST CORNER	
3348	Maintain Concrete Substructure Components	LF	3	Bent 3 Pile 2: PARSPALL WITH EXPOSED REBAR AND BROKEN HORIZONTAL TIE 3 FOOT X 1 FOOT X 4" DEEP IN NORTHEAST CORNER MID HEIGHT WITH SECTION LOSS	
3348	Maintain Concrete Substructure Components	LF	4	Bent 3 Pile 2: [PROMPT ACTION REQUEST] NORTHEAST CORNER, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 4' HIGH X UP TO 1.25' WIDE X UP TO 3" DEEP]	



Bridge: 500037 County JOHNSTON

MMS Code	MM	MMS Description Quantity					
3314	Main	Maintain Steel Superstructure Components					
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	itenand	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
11/17/2021		ERIC A.	PATTERSON				
Details							
REINFORCI LOSS [AVEI DIAPHRAGI DIAMETER] REMAINS] F	ED CO RAGE M. AT . AT TI FOR AI	NCRETE 1/8" REM THE LOW HE SAME PPROXIN	DIAPHRAGM, THERE IS A BAND AINS] FOR APPROXIMATELY 1' L 'ER CORNER OF THE INTERFAC END IN THE LOWER FLANGE, C	T BENT 1 AT THE INTERFACE WIT O OF CORROSION UP TO 2" WIDE N LONG X UP TO THE FULL HEIGHT E THERE IS A HOLE [APPROXIMA CORROSION WITH SECTION LOSS END IN THE LOWER 3" OF THE WE ROXIMATELY 6' LONG.	WITH SECT OF THE TELY 1/2" [AVERAGE	7/16"	

Bridge: 500037 County JOHNSTON

MMS Code	MMS Descri	MMS Description Quantity				
3314	Maintain Stee	aintain Steel Superstructure Components 1				
Location:						
		Bent/Span No.				
Priority Leve	I	Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
11/17/2021	ERIC A	. PATTERSON				
Details						
REINFORCE	ED CONCRETE RAGE 3/8" REM	DIAPHRAGM, THERE IS A BAND	T BENT 1 AT THE INTERFACE WIT OF CORROSION UP TO 1" WIDE N ONG X UP TO THE FULL HEIGHT	WITH SECTI	ION	

MMS Code	MN	MMS Description Quantity				
3314	Mai	ntain Stee	Superstructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Leve	Priority Level Status					
Priority Main	ntenan	ice	Division Bridge Maintenance Noti	fication		
Submitted D	ate:	Submitte	d By:	Assisted By:		
11/17/2021		ERIC A	. PATTERSON			
Details						
REINFORCI	ED CO RAGE	ONCRETE	DIAPHRAGM, THERE IS A BAND	T BENT 1 AT THE INTERFACE WIT O OF CORROSION UP TO 1" WIDE N LONG X UP TO THE FULL HEIGHT	WITH SECT	ION

Bridge: 500037 County JOHNSTON

MMS Code	MMS Description					
3314	Maintain Stee	1	LF			
Location:	Location:					
		Bent/Span No.				
Priority Leve	I	Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
11/17/2021	ERIC A	. PATTERSON				
Details						
REINFORCE	ED CONCRETE RAGE 3/8" REM	DIAPHRAGM, THERE IS A BAND	T BENT 1 AT THE INTERFACE WIT OF CORROSION UP TO 1" WIDE N ONG X UP TO THE FULL HEIGHT	NITH SECTI	ION	

MMS Code	MN	MMS Description Quantity						
3314	Mai	ntain Stee	Superstructure Components		1	LF		
Location:								
			Bent/Span No.					
Priority Level			Status	Status				
Priority Main	ntenan	ce	Division Bridge Maintenance Notification					
Submitted D	ate:	Submitte	d By:	Assisted By:				
11/17/2021		ERIC A.	PATTERSON					
Details								
REINFORCE	ED CC RAGE	NCRETE	DIAPHRAGM, THERE IS A BAND	T BENT 1 AT THE INTERFACE WIT OF CORROSION UP TO 2" WIDE N LONG X UP TO THE FULL HEIGHT	WITH SECT	ION		

Bridge: 500037 County JOHNSTON

MMS Code	MMS Descri	ption		Quantity		
3314	Maintain Stee	intain Steel Superstructure Components 1 LF				
Location:						
		Bent/Span No.				
Priority Leve	I	Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
11/17/2021	ERIC A	. PATTERSON				
Details						
REINFORCE	ED CONCRETE RAGE 3/8" REM	DIAPHRAGM, THERE IS A BAND	T BENT 1 AT THE INTERFACE WIT O OF CORROSION UP TO 2" WIDE N LONG X UP TO THE FULL HEIGHT	WITH SECT	ION	

MMS Code	MN	MMS Description					
3314	Mai	ntain Stee	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Main	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
11/17/2021		ERIC A.	PATTERSON				
Details							
REINFORCI LOSS [AVEI	Span 2 Beam 2: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 3" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.					ION	

Bridge: 500037 County JOHNSTON

MMS Code	MMS Descri	ption		Quantity		
3314	Maintain Stee	intain Steel Superstructure Components 1 LF				
Location:	Location:					
		Bent/Span No.				
Priority Leve	I	Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
11/17/2021	ERIC A	. PATTERSON				
Details						
REINFORCE	ED CONCRETE RAGE 3/8" REM	DIAPHRAGM, THERE IS A BAND	T BENT 1 AT THE INTERFACE WIT OF CORROSION UP TO 3" WIDE N ONG X UP TO THE FULL HEIGHT	WITH SECT	ION	

MMS Code	MN	MMS Description Qu					
3314	Mai	ntain Stee	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Main	itenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
11/17/2021		ERIC A.	PATTERSON				
Details							
REINFORCI LOSS [AVE	Span 2 Beam 5: [PROMPT ACTION REQUEST] BEAM END AT BENT 1 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 3" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.					ION	

Bridge: 500037 County JOHNSTON

MMS Code	MMS	Descrip	otion		Quantity		
3314	Mainta	ain Steel	Superstructure Components		4	LF	
Location:	Location:						
			Bent/Span No.				
Priority Leve	el		Status				
Priority Maintenance			Division Bridge Maintenance Notification				
Submitted D	ate: S	Submitte	d By:	Assisted By:			
11/17/2021	E	ERIC A.	PATTERSON				
Details							
CORROSIO HOLES UP	N WÎTH TO 3/4" [OSS [AV	SECTION DIAMET	ON LOSS [AVERAGE 1/16" REMA TER. AT THE SAME END IN THE L	T BENT 3 IN THE LEFT LOWER FL INS] FOR APPROXIMATELY 4' LON LOWER 6" OF THE WEB, CORROS MATELY 4' LONG WITH PERFORAT	IG WITH ED ION WITH	GE	

Bridge: 500037 County JOHNSTON

MMS Code	MN	MMS Description Quantity					
3314	Mair	laintain Steel Superstructure Components				LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status	us			
Priority Mair	ntenan	ce	Division Bridge Maintenance Noti	tion			
Submitted D	ate:	Submitte	d By:	Assisted By:			
11/17/2021		ERIC A.	. PATTERSON				
Details							
REINFORC LOSS [AVE DIAPHRAG [AVERAGE	ED CC RAGE M. AT 1/8" R	ONCRETE 5/16" REI THE SAM EMAINS]	DIAPHRAGM, THÉRE IS A BAND MAINS] FOR APPROXIMATELY 1' IE END IN THE LOWER LEFT FLA FOR APPROXIMATELY 5' LONG.	T BENT 3 AT THE INTERFACE WIT OF CORROSION UP TO 2" WIDE N LONG X UP TO THE FULL HEIGHT INGE, CORROSION WITH SECTION AT 1.5' OUT FROM THE SAME ENI AGE 1/8" REMAINS] FOR APPROX	WITH SECT T OF THE N LOSS D IN THE LO	OWER	

Bridge: 500037 County JOHNSTON

MMS Code	MN	1S Descrip	otion		Quantity	
3314	Mair	ntain Stee	Superstructure Components		3	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification			
Submitted D	ate:	Submitte	d By:	Assisted By:		
11/17/2021		ERIC A.	. PATTERSON			
Details						
REINFORC LOSS [AVE DIAPHRAG	ED CC RAGE M. AT	NCRETE 3/8" REM THE SAM	DIAPHRAGM, THERE IS A BAND AINS] FOR APPROXIMATELY 1' I	T BENT 3 AT THE INTERFACE WIT OF CORROSION UP TO 1" WIDE V LONG X UP TO THE FULL HEIGHT CORROSION WITH SECTION LOS	WITH SECT OF THE	
MMS Codo	D 40	16 Decerin			Quantity	

MMS Code	MN	MMS Description					
3314	Mai	ntain Stee	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Main	itenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
11/17/2021		ERIC A.	PATTERSON				
Details							
REINFORCE LOSS [AVE	Span 4 Beam 2: [PROMPT ACTION REQUEST] BEAM END AT BENT 4 AT THE INTERFACE WITH THE REINFORCED CONCRETE DIAPHRAGM, THERE IS A BAND OF CORROSION UP TO 1" WIDE WITH SECTION LOSS [AVERAGE 3/8" REMAINS] FOR APPROXIMATELY 1' LONG X UP TO THE FULL HEIGHT OF THE DIAPHRAGM.					ION	

Bridge: 500037 County JOHNSTON

MMS Code	MMS Descrip	otion		Quantity		
3314	Maintain Stee	Superstructure Components		1	LF	
Location:	Location:					
		Bent/Span No.				
Priority Leve	ı	Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	d By:	Assisted By:			
11/17/2021	ERIC A	. PATTERSON				
Details						
REINFORCE	ED CONCRETE RAGE 5/16" RE	DIAPHRAGM, THERE IS A BAND	T BENT 4 AT THE INTERFACE WIT OF CORROSION UP TO 1" WIDE \ LONG X UP TO THE FULL HEIGHT	WITH SECTI	ON	

MMS Code	MN	MMS Description					
3314	Mai	Maintain Steel Superstructure Components					
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
11/17/2021		ERIC A.	PATTERSON				
Details							
FLANGE 1F	Span 4 Beam 5: PARSECTION LOSS UP TO 3/8" WITH 3/8" AVERAGE REMAINING FULL WIDTH OF BOTTOM FLANGE 1FT LONG ON BEAM END OVER PIER 3. BEAM END HAS BEEN CLEANED AND PAINTED WITH ACTIVE SURFACE CORROSION. PLATE REPAIR ADDED BUT DOES NOT EXTEND OUT TO DEFECT.					ОМ	

Bridge: 500037 County JOHNSTON

APPROXIMATELY 4' LONG.

MMS Code	MMS De	scrip	otion		Quantity		
3314	Maintain S	ain Steel Superstructure Components 1					
Location:							
	Bent/Span No.						
Priority Leve	I		Status				
Priority Maintenance			Division Bridge Maintenance Notification				
Submitted Da	ate: Subn	nitte	d By:	Assisted By:			
11/17/2021	ERI	C A.	. PATTERSON				
Details							
				REVIOUS CORROSION WITH 1/4" F REA HAS BEEN PAINTED OVER A			

MMS Code	MN	MMS Description Quantity				
William Code	1711	no Dooon	7.0011		Quartity	
3314	Mai	ntain Steel	Superstructure Components		4	LF
Location:						
			Bent/Span No.			
Priority Level			Status			
Priority Maint	tenan	се	Division Bridge Maintenance Notification			
Submitted Da	ate:	Submitte	d By:	Assisted By:		
11/17/2021		ERIC A.	. PATTERSON			
Details	Details					
WITH SECTI	ION L	OSS [AVE	ERAGE 1/4" REMAINS] FOR APPE	T BENT 4 IN THE LOWER FLANGE ROXIMATELY 4' LONG. AT THE SAI'S S [AVERAGE 5/16" REMAINS] FOR	ME END IN	

Bridge: 500037 County JOHNSTON

MMS Code	MMS Description			Quantity			
3348	Maintain Concrete Substructure Components			2	LF		
Location:	Location:						
		Bent/Span No.					
Priority Level Status							
Priority Maintenance Division B		Division Bridge Maintenance Noti	n Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:				
11/17/2021	ERIC A	. PATTERSON					
Details							
Bent 1 Cap 1: [PROMPT ACTION REQUEST] SOUTH FACE AT THE LEFT END, LOWER 10", SPALLING WITH EXPOSED REBAR [APPROXIMATELY 40" LONG X UP TO 2.5" DEEP]							

MMS Code	MN	MMS Description			Quantity		
3348	Maintain Concrete Substructure Components				5	LF	
Location:							
			Bent/Span No.				
Priority Leve	ority Level Status		Status				
Priority Maintenance Division		Division Bridge Maintenance Noti	n Bridge Maintenance Notification				
Submitted D	Date:	Submitte	d By:	Assisted By:			
11/17/2021		ERIC A.	PATTERSON				
Details							
Bent 1 Pile 1: [PROMPT ACTION REQUEST] 6 FOOT X 9" FOOT X 2" DEEP SPALL WITH EXPOSED RUSTED REBAR NO SECTION LOSS AT NORTHWEST CORNER							

Bridge: 500037 County JOHNSTON

MMS Code	MM	MMS Description			Quantity		
3348	Main	tain Cond	crete Substructure Components		3	LF	
Location:							
			Bent/Span No.				
Priority Level Status							
Priority Maintenance		e	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
11/17/2021		ERIC A.	PATTERSON				
Details							
Bent 3 Pile 2: PARSPALL WITH EXPOSED REBAR AND BROKEN HORIZONTAL TIE 3 FOOT X 1 FOOT X 4" DEEP IN NORTHEAST CORNER MID HEIGHT WITH SECTION LOSS							

MMS Code	MN	MMS Description			Quantity	
3348	Maintain Concrete Substructure Components				4	LF
Location:						
			Bent/Span No.			
Priority Level Status		Status				
Priority Mair	Priority Maintenance		Division Bridge Maintenance Notification			
Submitted D	ate:	Submitte	d By:	Assisted By:		
11/17/2021		ERIC A.	PATTERSON			
Details						
Bent 3 Pile 2: [PROMPT ACTION REQUEST] NORTHEAST CORNER, SPALLING WITH EXPOSED REBAR [APPROXIMATELY 4' HIGH X UP TO 1.25' WIDE X UP TO 3" DEEP]						

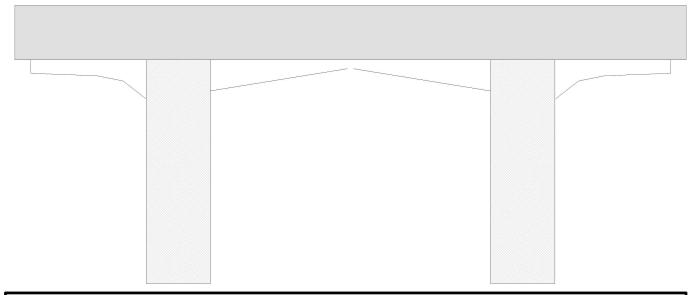


MEASURMENTS TAKEN AT 15 FT SOUTH OF END BENT 1

Roadway	23ft Wide	2 Paved Lanes	Looking North
Left Shoulder	5ft Wide	4ft Paved	1ft Unpaved
Right Shoulder	5ft Wide	4ft Paved	1ft Unpaved
Left Guardrail	5ft from road		
Right Guardrail	5ft from road		

NO CHANGE: KEITH PROCTOR ON 16-NOV-2021

Title		Description			
SOUTH APPROACH ROADWAY		TYPICAL SECTION			
Bridge No: 500037	Drawn By: GGW		Date: 04/12/2006	File Name: S0214000199	



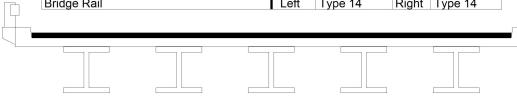
Cap Int	formation		Material	Cast-in-	Place Concre	ete						
Lengtl	Length Width Height		Left Over	Left Overhang Right Overhang		ang	Left Beam to End of Cap. Rig		Right B	ight Beam to End of Cap		
39.000	ft. 2.500 ff	3.167 ft.	9.500) ft.	9.500 ft.		2.0	000 ft.		2.00	00 ft.	
Subcar	o Information	1	Material	Material								
Lengtl	h Width	Height	Left Over	hang	Right Overh	ang	Left Pi	le to Splid	ce.			
Sill Information			Material									
Lengtl	h Width	Height										
Pile#	Material	Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replacem	ent? R	emoved?	Collar?
1	Concrete	20 ft.	3.75 ft.	2 ft.		Verl	tical	No	No		No	No
2	Concrete		3.75 ft.	2 ft.		Verl	tical	No	No		No	No
Rent/A	Bent/Abutment #: 1 Similar Bents: 2-4											

CRASH WALLS AT BENTS 2 AND 3

NO CHANGE: KEITH PROCTOR ON 16-NOV-2021

Title		Descri	ption	
SUBSTRUCTURE		TYPIC	AL BENT PROFILE	
Bridge No: 500037	Drawn By: DAVID WAGNER		Date: 3/13/2017	File Name: \$0422000450

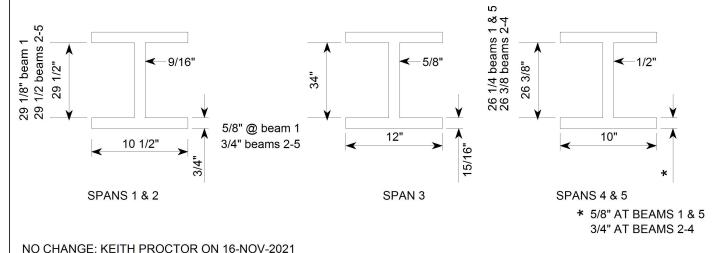
Deck Width/Out to Out 35.417ft			Between Rails			
Clear Roadway	30.083ft	Wearir	Wearing Surface			0.333ft
Median Width		Mediar	Median Height			
Curb Height			0.625ft	Right	0.62	25ft
Sidewalk Width		Left		Right		
Clear Roadway (Rail to Median)		Left		Right		
Guardrail Width		Left	1.042ft	Right	1.04	12ft
Top of Rail to Deck/Wearing Surface			2.25ft	Right	2.2	5ft
Bridge Rail		Left	Type 14	Right	Тур	e 14



Measurements for Span #	1	ALL SPANS SIMILAR	
Deck Thickness	0.542	Left Overhang	4.041
Top of Rail to Bottom of Beam (A&B)	5.25	Right Overhang	4.041

5.75' (SPAN C) 5.00' (SPANS D&E)

Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	6.833ft	
2	Steel I Beam	6.833ft	
3	Steel I Beam	6.833ft	
4	Steel I Beam	6.833ft	
5	Steel I Beam	ft	



THE STIME CENTER THE THE TOTAL CENTER TO THE TENTE CENTER						
Title		Description				
SUPERSTRUCTURE			AL SECTION			
Bridge No: 500037	Drawn By: GGW		Date: 04/12/2006	File Name: \$0214000200		
				•		

THIS PACE INTENTIONALLY BLANK

Title		Description		
DELETED		DELETED		
Bridge No: 500037	Drawn By: WTW		Date: 11/6/2013	File Name: S0214000201