ATTENTION: PARS SUBMITTED

Structure Safety Report

Routine Element Inspection - Contract

INSPECTION DATE: 02/14/2022

DIVISION: 7 CO	OUNTY: CASWELL	STRUC	TURE NUMBER: 160001	FRE	QUENCY: 24 MONT	THS
FACILITY CARRIED: \(JS158, NC86			MILE POST	:	
LOCATION: 1.2 MI. E.	JCT. NC62					
FEATURE INTERSECTI	ED: COUNTRY LIN	IE CREEK				
LATITUDE: 36° 24' 15	5.46"	LONGITUDE:	79° 17' 52.02"			
SUPERSTRUCTURE:	REINFORCED CO	NCRETE DECK ON I-B	EAMS			
SUBSTRUCTURE: EBT	S & BT#3:RC CAP	&STL. PILES, BTS#1&2	2:RC POST & BEAM, BT#2	2 W/PILE FT	NGS.	
SPANS: 4 SPANS.	SEE SPAN PROFIL	E SHEET FOR SPAN D	DETAILS			
FRACTURE CRITIC	CAL TEMPO	RARY SHORING	SCOUR CRITICAL	SCOUR	R PLAN OF ACTION	
GRADES: (Inspector/NE	BI Coding) DECK 5	5 SUPERSTRUCTU	JRE 4/4 SUBSTRU	CTURE 5/	5 CULVERT N/I	N
POSTED SV: Not Pos	sted		POSTED TTST: Not Po	sted		
OTHER SIGNS PRESEN	NT: NONE					
	W.			Sign notice issued fo		Number Required
	White was alleged		A STATE OF THE STA	NO	WEIGHT LIMIT	0
		N. A.	English Control	NO	DELINEATORS	0
				NO	NARROW BRIDGE	0
		LITTE		NO	ONE LANE BRIDGE	0
				NO	LOW CLEARANCE	0
					CTION OF W-E	
					RECTION HES PLANS	
WEST APPROACH				IVIATO		
INSPECTED BY RICK POOLE		SIGNATURE	pt pe	ASSISTED B	Y N. KING, C. BARBE	R

(1) STATE NAME NORTH CAROLINA BRIDGE		160001	SUFFICIENCY RATING			70.1
(8) STRUCTURE NUMBER (FEDERAL)	(0330001	STATUS =		Structurally	/ Deficien
(5) INVENTORY ROUTE (ON/UNDER) ON	12	1001580	C	LASSIFICATION ——		CODE
(2) STATE HIGHWAY DEPARTMENT DISTRICT		7	(112) NBIS BRIDGE SYSTEM			YE
(3) COUNTY CODE (FEDERAL) 33 (4) PLACE CODE		75960	(104) HIGHWAY SYSTEM	Inventory Ro	ute is on NHS	
(6) FEATURE INTERSECTED COUNTRY LINE CREEK (7) FACILITY CARRIED US158, NC86			(26) FUNCTIONAL CLASS	Rural Principal A	Arterial - Other	O
(9) LOCATION 1.2 MI. E. JCT. NC62			(100) STRAHNET HIGHWAY	Not a STR	AHNET Route	
(11) MILEPOINT		0.0	(101) PARALLEL STRUCTURE		ructure exists	
(12) BASE HIGHWAY NETWORK		1	(102) DIRECTION OF TRAFFIC		2-way traffic	
(13) LRS INVENTORY ROUTE & SUBROUTE		20158	(103) TEMPORARY STRUCTURE	Temporary Structure	-	
(16) LATITUDE 36° 24' 15.46" (17) LONGITUDE (98) BORDER BRIDGE STATE CODE PERCENT SH		7' 52.02"	(110) DESIGNATED NATIONAL NI	• •		
(98) BORDER BRIDGE STATE CODE PERCENT SH (99) BORDER BRIDGE STRUCTURE NUMBER	IAKED		,			
(00) BONDEN BIND DE OTTORE HOMBEN			(20) TOLL		On Free Road	
STRUCTURE TYPE AND MATERIAL -			(21) MAINT -			0
(43) STRUCTURE TYPE MAIN		Steel	(22) OWNER -			0
TYPE Stringer/Multi-beam or girder	CODE	302	(37) HISTORICAL SIGNIFICANCE	-		
(44) STRUCTURE TYPE APPROACH				CONDITION		CODE
TYPE	CODE		(58) DECK			
(45) NUMBER OF SPANS IN MAIN UNIT		4	(59) SUPERSTRUCTURE			
(46) NUMBER OF SPANS IN APPROACH		0	(60) SUBSTRUCTURE			
(107) DECK STRUCTURE TYPE	CODE	1	(61) CHANNEL & CHANNEL PROT	TECTION		
(108)WEARING SURFACE/PROTECTIVE SYSTEM			(62) CULVERTS			
(A) TYPE OF WEARING SURFACE	CODE	1	LOAD RA	ATING AND POSTING		CODE
(B) TYPE OF MEMBRANE	CODE	0	(31) DESIGN LOAD		H 20 + Mod	
(C) TYPE OF DECK PROTECTION	CODE	0	(63) OPERATING RATING METHO	DD -	Load Factor	
AGE AND SERVICE			(64) OPERATING RATING -		HS-41	7
(27) YEAR BUILT		1970	(65) INVENTORY RATING METHO	DD -		
(106) YEAR RECONSTRUCTED		0	(66) INVENTORY RATING		HS-24	4
(42) TYPE OF SERVICE ON -	ı	Highway	(70) BRIDGE POSTING	No Pos	ting Required	
OFF - Waterway	CODE	15	(41) STRUCTURE OPEN, POSTEI	D, OR CLOSED		
(28) LANES ON STRUCTURE 2 LANES UNDER STRUC	CTURE	0	DESCRIPTION Ope	en, would be psoted or close tempo	ed escept for orary shoring	
(29) AVERAGE DAILY TRAFFIC		7300		APPRAISAL		CODE
(30) YEAR OF ADT 2019 (109) TRUCK ADT PCT	-	14	(67) STRUCTURAL EVALUATION			
(19) BYPASS OR DETOUR LENGTH		1.0	(68) DECK GEOMETRY			
GEOMETRIC DATA			(69) UNDERCLEARANCES, VERT	& HORIZ		
(48) LENGTH OF MAXIMUM SPAN		54.0	(71) WATERWAY ADEQUACY			
(49) STRUCTURE LENGTH		220.0	(72) APPROACH ROADWAY ALIG	NMENT		
(50) CURB OR SIDEWALK: LEFT 0.0 RIGHT (51) BRIDGE ROADWAY WIDTH, CURB TO CURB		0.0	(36) TRAFFIC SAFETY FEATURES	S		011
(51) BRIDGE ROADWAT WIDTH, CORB TO CORB (52) DECK WIDTH OUT TO OUT		43.3 46.4	(113) SCOUR CRITICAL BRIDGES	3		
(32) APPROACH ROADWAY WITH (W/ SHOULDERS)		32.0		SED IMPROVEMENTS		
(33) BRIDGE MEDIAN No median (CODE	0	(75) TYPE OF WORK		COD	Ε
(34) SKEW 20 (35) STRUCTURE FLARED		0	(76) LENGTH OF STRUCTURE IM	PROVEMENT		
(10) INVENTORY ROUTE MIN VERT CLEAR		999.9	(94) BRIDGE IMPROVEMENT CO	ST		
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR (53) MIN VERT CLEAR OVER BRIDGE RDWY		43.3 999.9	(95) ROADWAY IMPROVEMENT (
(54) MIN VERT UNDERCLEAR: REFERENCE		0.0	(96) TOTAL PROJECT COST			
• •	N	0.0	,	OCT FOTIMATE		
(56) MIN LAT UNDERCLEARANCE LT:		0.0	(97) YEAR OF IMPROVEMENT CO			
			(114) FUTURE ADT	14,600 YEAR OF FUTUR	RE ADT	204
NAVIGATION DATA		0	(90) INSPECTION DATE	02/22 (91)	FREQUENCY	2
NAVIGATION DATA	CODE		, -,	J=1== (01)		
(38) NAVIGATION CONTROL -		Ū	(92) CRITICAL FEATURE INSPEC	TION	(93) CFI DAT	ΓE
(38) NAVIGATION CONTROL - (111) PIER PROTECTION	CODE		(92) CRITICAL FEATURE INSPEC		(93) CFI DAT	ΓE
(38) NAVIGATION CONTROL - (111) PIER PROTECTION (39) NAVIGATION VERTICAL CLEARANCE		0.0	A) FRACTURE CRIT DETAIL	_ A)		
						TE 01/2

Superstructure Build Details

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
6	Fixed Bearing	Fixed Bearing	6	Each	Galvanized Protective System	6
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2553	Square Feet		
6	Movable Bearing	Movable Bearing	6	Each	Galvanized Protective System	6
2	Concrete Railing	Reinforced Concrete Bridge Railing	110	Feet		
6	Plate Girder	Steel Open Girder/Beam	330	Feet	Legacy Red Lead Primer Systems with Various Topcoats	2658

Span Number $\underline{2}$ Span Length $\underline{55.0000}$ Skew $\underline{110.0000}$

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
6	Fixed Bearing	Fixed Bearing	6	Each	Galvanized Protective System	6
1	Standard Joint	Pourable Joint Seal	50	Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	110	Feet		
6	Movable Bearing	Movable Bearing	6	Each	Galvanized Protective System	6
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2553	Square Feet		
6	Plate Girder	Steel Open Girder/Beam	330	Feet	Legacy Red Lead Primer Systems with Various Topcoats	2676

Span Number $\underline{3}$ Span Length $\underline{55.0000}$ Skew 110.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
6	Movable Bearing	Movable Bearing	6	Each	Galvanized Protective System	6
1	Standard Joint	Pourable Joint Seal	50	Feet		
6	Plate Girder	Steel Open Girder/Beam	330	Feet	Legacy Red Lead Primer Systems with Various Topcoats	2676
6	Fixed Bearing	Fixed Bearing	6	Each	Galvanized Protective System	6
2	Concrete Railing	Reinforced Concrete Bridge Railing	110	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2553	Square Feet		

 Span Number 4
 Span Length
 55.0000
 Skew
 110.0000

Superstructure Build Details

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Standard Joint	Pourable Joint Seal	50	Feet		
6	Plate Girder	Steel Open Girder/Beam	330	Feet	Legacy Red Lead Primer Systems with Various Topcoats	2658
6	Movable Bearing	Movable Bearing	6	Each	Galvanized Protective System	6
2	Concrete Railing	Reinforced Concrete Bridge Railing	110	Feet		
6	Fixed Bearing	Fixed Bearing	6	Each	Galvanized Protective System	6
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2553	Square Feet		

Structure Element Scoring

Structure Number: 160001 Inspection Date 2/14/2022

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	10212	1181	4796	4235	О
107	0	Steel Open Girder/Beam	Beam	1320	728	313	32	247
515	107	Steel Protective Coating	Beam	10668	9731	0	539	398
205	0	Reinforced Concrete Column	Piles and Columns	6	0	1	5	0
215	0	Reinforced Concrete Abutment	Abutments	106	53	53	0	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	18	18	0	0	0
225	0	Steel Pile	Piles and Columns	32	22	1	0	9
515	225	Steel Protective Coating	Piles and Columns	810	0	0	766	44
234	0	Reinforced Concrete Pier Cap	Caps	244	16	118	110	0
301	0	Pourable Joint Seal	Expansion Joints	150	58	9	81	2
311	0	Movable Bearing	Bearing Device	24	0	24	0	0
515	311	Steel Protective Coating	Bearing Device	24	0	0	24	0
313	0	Fixed Bearing	Bearing Device	24	0	24	0	0
515	313	Steel Protective Coating	Bearing Device	24	0	0	24	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	440	217	221	2	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 160001 Inspection Date: 02/14/2022

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Cracking (RC and Other)	6486 Square Feet
3326	Reinforced Concrete Deck	Delamination/Spall	10 Square Feet
3314	Steel Open Girder/Beam	Corrosion	274 Feet
3348	Reinforced Concrete Column	Cracking (RC and Other)	323 Each
3354	Steel Pile	Corrosion	26 Each
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	80 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	9 Feet
3348	Reinforced Concrete Pier Cap	Exposed Rebar	1 Feet
3310	Pourable Joint Seal	Seal Damage	2 Feet
3318	Reinforced Concrete Bridge Railing	Delamination/Spall	107 Feet
3318	Reinforced Concrete Bridge Railing	Exposed Rebar	1 Feet
3318	Reinforced Concrete Bridge Railing	Cracking (RC and Other)	1 Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	811 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	985 Square Feet

Element Structure Maintenance Quantities

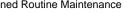
Structure Number: 160001 Inspection Date 02/14/2022

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	0	106	0	0	53	53
Beam	3314	Maintenance Steel Superstructure Components	274	1320	247	32	313	728
Beam	3342	Clean and Paint Steel	937	10668	398	539	0	9731
Bearing Device	3334	Bridge Bearing	0	48	О	О	48	0
Bearing Device	3342	Clean and Paint Steel	48	48	0	48	0	0
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	109	440	0	2	221	217
Caps	3348	Maintenance of Concrete Substructure	90	244	0	110	118	16
Deck	3326	Maintenance of Concrete Deck	6496	10212	0	4235	4796	1181
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	2	150	2	81	9	58
Footing	3348	Maintenance of Concrete Substructure	0	18	0	0	0	18
Piles and Columns	3342	Clean and Paint Steel	811	810	44	766	0	0
Piles and Columns	3348	Maintenance of Concrete Substructure	323	6	0	5	1	0
Piles and Columns	3354	Maintenance of Steel Substructure Components	26	32	9	0	1	22

Snan1			
Span1			
3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	4	Span 1 Beam 2: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 39" LONG X 10" HIGH DOWN TO 0.307" RESIDUAL WEB, AND 35" LONG X 5" WIDE DOWN TO 0.484" RESIDUAL FLANGE AT BENT 1 BEARING
3314	Beam 3	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 1 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 24" HIGH DOWN TO 0.291" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.289" RESIDUAL FLANGE AT BENT 1 BEARING
3314	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 1 Beam 4: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION BENEATH PAINT REPAIR IN WEB, AND 20" LONG X 5" WIDE DOWN TO .491" RESIDUAL FLANGE, APPROXIMATELY 4" FROM FACE OF BENT 1 BEARING
3314	Beam 5	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 1 Beam 5: (PAR) CORROSION AT BEAM END DOWN TO 0.381" IN LOWER WEB
Span2			
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 2 Beam 1: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 24" HIGH SURFACE CORROSION ON WEB, AND 36" LONG X 11 3/4" WIDE DOWN TO .431" RESIDUAL FLANGE AT BENT 2 BEARING
2	Corrosion	6	Span 2 Beam 1: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68" LONG X 10" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 61" LONG X 11 3/4" WIDE DOWN TO 5/8" RESIDUAL FLANGE AT BENT 1 BEARING
3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description

Structure Nun	nber 160001		
2	Corrosion	35	Span 2 Beam 2: (PAR) 35' SECTION OF CORROSION ALONG LEFT AND RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 4" HIGH DOWN TO 0.376" RESIDUAL WEB, AND 5" WIDE DOWN TO 1/2" RESIDUAL FLANGE EXTENDING FROM BENT 1 (NO PHOTOS)
2	Corrosion	3	Span 2 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 33" LONG X 6" HIGH DOWN TO 0.275" RESIDUAL WEB, AND 34" LONG X 5" WIDE DOWN TO 0.328" RESIDUAL FLANGE AT BENT 2 BEARING
3314	Beam 3	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	7	Span 2 Beam 3: (PAR) 100% SECTION LOSS FOR 7" LONG x 7" HIGH x 4" WIDE OVER BENT 2 BEARING
2	Corrosion	3	Span 2 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 25" LONG X 24" HIGH DOWN TO RESIDUAL WEB WITH 3" X 3" LOSS OF SECTION, AND 24" LONG X 11 3/4" WIDE DOWN TO .177" RESIDUAL FLANGE AT BENT 2 BEARING
3314	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	5	Span 2 Beam 4: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 60" LONG X 5" HIGH WITH DOWN TO 0.334" RESIDUAL WEB, AND 60" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING
3314	Beam 5	Plate Girder	
	Beam 3	Flate Gilder	
Priority Level	Defect Type	Quantity	Defect Description
			Defect Description Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 17" LONG X 3" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 6" WIDE DOWN TO .546" RESIDUAL FLANGE AT BENT 2 BEARING
Level	Defect Type	Quantity	Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 17" LONG X 3" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 6" WIDE DOWN TO .546" RESIDUAL
Level 2	Defect Type Corrosion	Quantity 2	Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 17" LONG X 3" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 6" WIDE DOWN TO .546" RESIDUAL FLANGE AT BENT 2 BEARING Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 55" LONG X 10" HIGH WITH DOWN TO 0.322" REMAINING RESIDUAL WEB AT
Level 2	Defect Type Corrosion Corrosion	Quantity 2	Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 17" LONG X 3" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 6" WIDE DOWN TO .546" RESIDUAL FLANGE AT BENT 2 BEARING Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 55" LONG X 10" HIGH WITH DOWN TO 0.322" REMAINING RESIDUAL WEB AT
Level 2 2 3314 Priority	Defect Type Corrosion Corrosion Beam 6	Quantity 2 5	Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 17" LONG X 3" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 6" WIDE DOWN TO .546" RESIDUAL FLANGE AT BENT 2 BEARING Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 55" LONG X 10" HIGH WITH DOWN TO 0.322" REMAINING RESIDUAL WEB AT BENT 1 BEARING
Level 2 3314 Priority Level	Defect Type Corrosion Corrosion Beam 6 Defect Type	Quantity 2 5 Plate Girder Quantity	Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 17" LONG X 3" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 6" WIDE DOWN TO .546" RESIDUAL FLANGE AT BENT 2 BEARING Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 55" LONG X 10" HIGH WITH DOWN TO 0.322" REMAINING RESIDUAL WEB AT BENT 1 BEARING Defect Description Span 2 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 7" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 67" LONG X 11 1/2" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT
Level 2 3314 Priority Level 2	Defect Type Corrosion Corrosion Beam 6 Defect Type	Quantity 2 5 Plate Girder Quantity	Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 17" LONG X 3" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 6" WIDE DOWN TO .546" RESIDUAL FLANGE AT BENT 2 BEARING Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 55" LONG X 10" HIGH WITH DOWN TO 0.322" REMAINING RESIDUAL WEB AT BENT 1 BEARING Defect Description Span 2 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 7" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 67" LONG X 11 1/2" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT
Level 2 3314 Priority Level 2 Span3	Defect Type Corrosion Beam 6 Defect Type Corrosion	Quantity 2 5 Plate Girder Quantity 3	Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 17" LONG X 3" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 6" WIDE DOWN TO .546" RESIDUAL FLANGE AT BENT 2 BEARING Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 55" LONG X 10" HIGH WITH DOWN TO 0.322" REMAINING RESIDUAL WEB AT BENT 1 BEARING Defect Description Span 2 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 7" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 67" LONG X 11 1/2" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT





Structure Nun	nber 160001		
2	Corrosion	3	Span 3 Beam 1: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 5" HIGH DOWN TO 0.471" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.401" RESIDUAL FLANGE AT BENT 3 BEARING
2	Corrosion	3	Span 3 Beam 1: (PAR) CORROSION EXTENDING 5' FROM BENT 2 WEB, 0.251" REMAINING UP 3" FROM FLANGE
2	Corrosion	49	Span 3 Beam 1: (PAR) INTERMITTENT FULL LENGTH, CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 5" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 5" WIDE IN BOTTOM OF MIDSPAN FLANGE WITH NO MEASURABLE SECTION LOSS
3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 32" LONG X 5" HIGH DOWN TO 0.212" RESIDUAL WEB, AND 34" LONG X 11 3/4" WIDE DOWN TO 0.351" RESIDUAL FLANGE AT BENT 3 BEARING
2	Corrosion	1	Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 12" LONG X 24" HIGH DOWN TO 0.405" RESIDUAL WEB AT END OF BEAM AT BENT 2
2	Corrosion	40	Span 3 Beam 2: (PAR) INTERMITTENT FULL LENGTH CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 6" HIGH DOWN TO 0.40" RESIDUAL WEB, AND 5" WIDE DOWN TO 0.50" RESIDUAL FLANGE, BEGINNING 4' FROM BENT 2 (NO PHOTO)
3314	Beam 3	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 3 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 15" LONG X 5" HIGH DOWN TO 0.503" RESIDUAL WEB, AND 18" LONG X 11 3/4" WIDE DOWN TO 0.199" RESIDUAL FLANGE AT BENT 3 BEARING
2	Corrosion	6	Span 3 Beam 3: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 72" LONG X 24" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 72" LONG X 11 1/2" WIDE DOWN TO 0.360" RESIDUAL FLANGE AT BENT 2 BEARING
3314	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	4	Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 38" LONG X 7" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 41" LONG X 11 3/4" WIDE DOWN TO 0.485" RESIDUAL FLANGE AT
			BENT 3 BEARING
2	Corrosion	5	
3314	Corrosion Beam 5	5 Plate Girder	BENT 3 BEARING Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 6" HIGH DOWN TO 0.342" RESIDUAL WEB, AND 39" LONG X 11 3/4" WIDE DOWN TO 0.505" RESIDUAL FLANGE AT
J			BENT 3 BEARING Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 6" HIGH DOWN TO 0.342" RESIDUAL WEB, AND 39" LONG X 11 3/4" WIDE DOWN TO 0.505" RESIDUAL FLANGE AT
3314 Priority	Beam 5	Plate Girder	BENT 3 BEARING Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 6" HIGH DOWN TO 0.342" RESIDUAL WEB, AND 39" LONG X 11 3/4" WIDE DOWN TO 0.505" RESIDUAL FLANGE AT BENT 2 BEARING

Structure Num	ber 160001		
_			BOTTOM FLANGE UP TO 24" LONG X 13" HIGH DOWN TO 0.301" RESIDUAL WEB, AND 29" LONG X 11 3/4" WIDE DOWN TO .443" RESIDUAL FLANGE AT BENT 3 BEARING
2	Corrosion	9	Span 3 Beam 5: (PAR) CORROSION AND EVIDENCE OF CORROSION BENEATH PAINT REPAIR ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 6" HIGH DOWN TO 0.429" RESIDUAL WEB, AND 90" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 2 BEARING
3314	Beam 6	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 3 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 20" LONG X 3" HIGH DOWN TO 0.362" RESIDUAL WEB, AND 11" LONG X 11 3/4" WIDE DOWN TO 0.543" RESIDUAL FLANGE AT BENT 3 BEARING
Span4			
3314	Beam 3	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 4 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14" LONG X 8" HIGH DOWN TO 0.236" RESIDUAL WEB, AND 24" LONG X 11 3/4" WIDE DOWN TO 0.200" RESIDUAL FLANGE AT BENT 3 BEARING
3314	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	9	Span 4 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 108" LONG X 20" HIGH DOWN TO 0.393" RESIDUAL WEB, AND 103" LONG X 11 3/4" WIDE DOWN TO 0.500" RESIDUAL FLANGE AT BENT 3 BEARING
3314	Beam 5	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	9	Span 4 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 19" HIGH DOWN TO 0.358" RESIDUAL WEB, AND 72" LONG X 11 3/4" WIDE DOWN TO 0.459" RESIDUAL FLANGE AT BENT 3 BEARING
3314	Beam 6	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 4 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18" LONG X 7" HIGH DOWN TO 0.542" RESIDUAL WEB, AND 14" LONG X 5" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT END BENT 2 BEARING (NO PHOTO)





Structure Number 160001

Structure Mui	100001		
Bent 3			
3354	Pile 1	Steel Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 3 Pile 1: (PAR) CORROSION ALONG BOTH FLANGES UP TO 6" HIGH X 12' WIDE DOWN TO 3/8" RESIDUAL FLANGE AT BOTTOM OF CAP WITH UP TO 100% SECTION LOSS ON FAR FLANGE 4" WIDE X 1" HIGH ADJACENT TO CAP AND NEAR FLANGE
2	Corrosion	2	Bent 3 Pile 1: (PAR) CORROSION ALONG RIGHT EDGE OF NEAR FLANGE UP TO 23" HIGH X 6" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT
3354	Pile 2	Steel Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 3 Pile 2: (PAR) CORROSION ALONG NEAR FLANGE UP TO 3" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE WITH 3/16" DIAMETER HOLE AT BOTTOM OF CAP UP TO 3" LONG
3354	Pile 3	Steel Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 3 Pile 3: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT
3354	Pile 4	Steel Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 3 Pile 4: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE ABOVE CONCRETE ENCASEMENT (NO PHOTO)
2	Corrosion	1	Bent 3 Pile 4: (PAR) CORROSION ALONG BOTH FLANGES UP TO 5" HIGH X 12' WIDE, 100% SECTION LOSS ON FLANGE AT BOTTOM OF CAP
2	Corrosion	2	Bent 3 Pile 4: (PAR) FAR FLANGE DOWN TO KNIFE EDGE
3354	Pile 5	Steel Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 3 Pile 5: (PAR) CORROSION ALONG BOTH FLANGES UP TO 11" HIGH X 12" WIDE DOWN TO 3/16" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT (NO PHOTO)
2	Corrosion	2	Bent 3 Pile 5: (PAR) CORROSION ALONG BOTH FLANGES UP TO 24" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 2 1/2" WIDE X 1" HIGH HOLES AT BOTTOM OF CAP



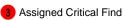
Pile 6

3354



Steel Pile





Priority			
Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 3 Pile 6: (PAR) CORROSION ALONG FAR FLANGE UP TO 5" HIGH X 12" WIDE DOWN TO 3/16" RESIDUAL FLANGE, APPROXIMATELY 4' FROM BOTTO OF CAP
2	Corrosion	2	Bent 3 Pile 6: (PAR) CORROSION ALONG WEB AND BOTH FLANGES UP TO 19 HIGH X 11" WIDE WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 1 HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 2 LOCATIONS OF UP TO 6" HIGH X 3" WIDE 100% LOSS OF SECTION ABOVE CONCRETE ENCASEMENT
3354	Pile 7	Steel Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Bent 3 Pile 7: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT
2	Corrosion	1	Bent 3 Pile 7: (PAR) CORROSION ALONG RIGHT EDGE OF FAR FLANGE UP TO 10" HIGH X 9" WIDE DOWN TO 1/4" RESIDUAL FLANGE, APPROXIMATELY 2' FROM BOTTOM OF CAP
3354	Pile 8	Steel Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Bent 3 Pile 8: (PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT
2	Corrosion	1	Bent 3 Pile 8: (PAR) CORROSION ALONG BOTH FLANGES UP TO 8" HIGH X 12 WIDE DOWN TO 1/8" RESIDUAL FLANGE AT BOTTOM OF CAP
3354	Pile 9	Steel Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 3 Pile 9: (PAR) CORROSION ALONG BOTH FLANGES UP TO 12" HIGH X 12" WIDE DOWN TO 5/16" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT
2	Corrosion	2	Bent 3 Pile 9: (PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 4" WIDE X 1 1/2" HIGH LOSS OF SECTIONS AT BOTTOM OF CAP
Approach Guardrail and Barriers			
3120	Approach Guardrail and Barriers	Approach Gua	rdrail and Barriers
Priority Level	Defect Type	Quantity	Defect Description
2		50	(PAR) GUARDRAIL DAMAGE AT NEAR LEFT APPROACH ADJACENT TO END
2		21	TERMINATION, 50' SECTION IMPACTED (PAR) BRIDGE DRAINAGE, CLOGGED EITHER PARTIALLY OF FULLY WITH

2 Assigned Priority Maintenance 3 Assigned Critical Find

? Priority Action Request (PAR) 1 Assigned Routine Maintenance

Structure Number 160001 VEGETATION GROWTH. (16) ALONG RIGHT CURB & (5) ALONG LEFT CURB 2 (PAR) AREAS OF 100% SECTION LOSS UP 17" X 3" AND BROKEN AND 15 DETACHED CROSS BRACING INTERMITTENT THROUGHOUT BENT 3 (PAR) STEEL DIAPHRAGM: SPAN 2 AT BENT 1 IN BAY 3, CORROSION ALONG TOP FLANGE UP TO 36" LONG X 1" WIDE WITH NO MEASURABLE LOSS OF SECTION, AND CORROSION ALONG BOTTOM FLANGE UP TO 22" X 3" DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 4" LONG X 1" WIDE LOSS OF SECTION NEAR MIDLENGTH (PAR) END BENT 1 SLOPE PROTECTION, SOIL ERODING UP TO 2.5' DEEP AGAINST GROUTING PAD ADJACENT TO CAP. RIP RAP SCATTERED ALONG BOTTOM OF SLOPE (NO PHOTO) (PAR) END BENT 1 SLOPE PROTECTION, UP TO 4" WIDE CRACK IN OUTSIDE 138 EDGÉ CONCRETE SHOOT ADJACENT TO END BENT 1 RIGHT EDGE AND SETTLEMENT INTERMITTENT THROUGHOUT (NO PHOTO) (PAR) END BENT 2 SLOPE PROTECTION, ALONG LEFT CONCRETE SHOOT; 136 UP TO 3' DEEP X 8' LONG EROSION OF SOIL

138

(PAR) SLOPE @ END BENT HAS EROSION AREA 5'x 8'x 4' DEEP

UNDERMINING CAP BETWEEN BEAMS 1 & 2

Element Condition and Maintenance Data

Structure Number: 160001 Inspection Date: 02/14/2022

Spa	n 1	Deck						
Reir	nforced Concrete	Deck						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ed Concrete Deck	2,553	0	1,374	1,179	0 S	quare Feet
Elemen Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
12	Cracking (RC and Other)	UP TO 0.02" MAP CRACKS THRO	DUGHOUT TOP OF	DECK	3	1,178	2,420	Square Feet
12	Delamination/Spall	AT BENT 1 JOINT, 10" X 3" X 3" I DECK IN WHEEL LINE OF WEST		P OF	3	1	1	Square Feet
12	Abrasion/Wear (PSC/RC)	1320 SQUARE FEET OF SCALING AGGREGATE IN TOP OF DECK 1 LANES		VEL	2	1,320		Square Feet
12	Cracking (RC and Other)	UP TO 0.035" TRANSVERSE CRATRAVEL LANES WITHIN 3' OF EN			2	25	25	Square Feet
12	Cracking (RC and Other)	UP TO 0.04" TRANSVERSE CRACTRAVEL LANES WITHIN 2' OF BI		CK IN	2	25	25	Square Feet
12	Delamination/Spall	UNDERSIDE, 12" X 11" AREA OF BOTTOM OF LEFT OVERHANG A		I	2	1	1	Square Feet
12	Delamination/Spall	UNDERSIDE, 17" X 12" AREA OF BOTTOM OF LEFT OVERHANG A BENT 1			2	3	3	Square Feet

Spa	an 1	Left Bridge R	Rail					
Coi	ncrete Railing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ced Concrete Bridge Railing	55	37	18	0	0 Fee	t
Elemei Numbe	Dofoct Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
331	Delamination/Spall	14 SPALLS WITH EXPOSED REBAI DEEP IN BOTTOM OF RAIL IN VAR			2	14	14 F	eet
331	Delamination/Spall	5" X 3" X 1/2" DEEP SPALL WITH E EAST FACE OF END POST, APPRO BENT 1 FILL FACE			2	1	1 F	eet
331	Delamination/Spall	THREE (3) SPALLS UP TO 6" X 3" X RAIL POSTS IN VARIOUS LOCATION		ACE OF	2	3	3 F	eet
331	Cracking (RC and Other)	ON TOP OF CURB THROUGHOUT, CRACKING WITH EFFLORESCENC		" WIDE	1		F	eet
	General Comments							_

AGGREGATE EXPOSED BUT SECURE THROUGHOUT

Spa	n 1	Right Bridge	e Rail						
Con	crete Railing								
	nent nber Reinford	Element Name ced Concrete Bridge Railing	Total Qty 55	CS1 Qty 19	CS2 Qty 35	CS3 Qty 1	CS4 Qty	Feet	
Elemen Numbe	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty		
331	Delamination/Spall	11" X 5" X 1/2" DEEP SPALL IN FA APPROXIMATELY 19' FROM END	•	E	3	1		I Feet	
331	Cracking (RC and Other)	UP TO 0.05" LONGITUDINAL, TRA AND MAP CRACKS IN TOP AND F VARIOUS LOCATIONS	,		2	30		Feet	

cture	Number: <u>160001</u>			Insped	ction Date: 02/14/2022
331	Delamination/Spall	3 1/2" X 2 1/2" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF RAIL, APPROXIMATELY 17' FROM BENT 1 JOINT	2	1	1 Feet
331	Delamination/Spall	3 1/2" X 3" X 1" DEEP SPALL IN TOP OF RAIL, APPROXIMATELY 18' FROM BENT 1 JOINT	2	1	1 Feet
331	Delamination/Spall	4" X 2" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN EAST OF RAIL POST, APPROXIMATELY 9' FROM END BENT 1 FILL FACE	2	1	1 Feet
331	Delamination/Spall	6" X 4" X UP TO 1 1/4" SPALL IN NORTHWEST CORNER OF RAIL POST, APPROXIMATELY 9' FROM END BENT 1 FILL FACE	2	1	1 Feet
331	Delamination/Spall	7" X 2 1/2" X 1/4" DEEP SPALL IN FACE OF RAIL, APPROXIMATELY 17' FROM BENT 1 JOINT	2	1	1 Feet
331	Cracking (RC and Other)	ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE	1		Feet
3	cture 3331 3331 3331 3331 3331	Delamination/Spall Delamination/Spall Delamination/Spall Delamination/Spall Delamination/Spall Cracking (RC and	Delamination/Spall 3 1/2" X 2 1/2" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF RAIL, APPROXIMATELY 17' FROM BENT 1 JOINT 31 Delamination/Spall 3 1/2" X 3" X 1" DEEP SPALL IN TOP OF RAIL, APPROXIMATELY 18' FROM BENT 1 JOINT 31 Delamination/Spall 4" X 2" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN EAST OF RAIL POST, APPROXIMATELY 9' FROM END BENT 1 FILL FACE 31 Delamination/Spall 6" X 4" X UP TO 1 1/4" SPALL IN NORTHWEST CORNER OF RAIL POST, APPROXIMATELY 9' FROM END BENT 1 FILL FACE 331 Delamination/Spall 7" X 2 1/2" X 1/4" DEEP SPALL IN FACE OF RAIL, APPROXIMATELY 17' FROM BENT 1 JOINT 331 Cracking (RC and Other) ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE	Delamination/Spall 3 1/2" X 2 1/2" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF RAIL, APPROXIMATELY 17' FROM BENT 1 JOINT 31 Delamination/Spall 3 1/2" X 3" X 1" DEEP SPALL IN TOP OF RAIL, APPROXIMATELY 18' FROM BENT 1 JOINT 31 Delamination/Spall 4" X 2" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN EAST OF RAIL POST, APPROXIMATELY 9' FROM END BENT 1 FILL FACE 31 Delamination/Spall 6" X 4" X UP TO 1 1/4" SPALL IN NORTHWEST CORNER OF RAIL POST, APPROXIMATELY 9' FROM END BENT 1 FILL FACE 331 Delamination/Spall 7" X 2 1/2" X 1/4" DEEP SPALL IN FACE OF RAIL, APPROXIMATELY 17' FROM BENT 1 JOINT 331 Cracking (RC and Other) ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE 1 CRACKING WITH EFFLORESCENCE	Delamination/Spall 3 1/2" X 2 1/2" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF RAIL, APPROXIMATELY 17' FROM BENT 1 JOINT 3 1/2" X 3" X 1" DEEP SPALL IN TOP OF RAIL, APPROXIMATELY 18' FROM BENT 1 JOINT 2 1 APPROXIMATELY 18' FROM BENT 1 JOINT 2 1 EAST OF RAIL POST, APPROXIMATELY 9' FROM END BENT 1 FILL FACE 6" X 4" X UP TO 1 1/4" SPALL IN NORTHWEST CORNER OF RAIL POST, APPROXIMATELY 9' FROM END BENT 1 FILL FACE 7" X 2 1/2" X 1/4" DEEP SPALL IN FACE OF RAIL, APPROXIMATELY 17' FROM BENT 1 JOINT 2 1 APPROXIMATELY 17' FROM BENT 1 JOINT 2 1 CRACKING (RC and Other) 0N TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE 1 1 CRACKING WITH EFFLORESCENCE

General Comments

AGGREGATE EXPOSED BUT SECURE THROUGHOUT

Spa	n 1	Beam 1						
Plate	e Girder							
Elen Nun 107	nber	Element Name en Girder/Beam	Total Qty 55	CS1 Qty 41	CS2 Qty 11	CS3 Qty 3	CS4 Qty 0 Feet	
515	Steel Pro	otective Coating	443	417	0	21	5 Square	Feet
Elemen Number	Defeat Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
107	Corrosion	CORROSION ALONG RIGHT FACE OF FLANGE UP TO 35" LONG X 3" HIGH MEASURABLE LOSS OF SECTION II X 11" WIDE DOWN TO 0.61" RESIDUBEARING	I WITH NO N WEB, AND 29	" LONG	3	3	3 Feet	
107	Corrosion	AREAS OF SURFACE CORROSION AND BOTH FLANGES IN VARIOUS L		WEB	2	10	Feet	
107	Corrosion	SURFACE CORROSION ALONG LEF TOP OF BOTTOM FLANGE UP TO 19 IN WEB AND 19" LONG X 5" WIDE IN BEARING	" LONG X 4 1/2	" HIGH	2		Feet	
107	Corrosion	UP TO 7" LONG X 5" WIDE AREAS O CORROSION ALONG BOTTOM FLAN BEARING		ENT 1	2	1	Feet	
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM AL WEB AND TOP OF BOTTOM FLANG 1/2" HIGH IN WEB AND 19" LONG X BENT 1 BEARING	E UP TO 19" LC	NG X 4	4	2	2 Squa	re Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM AL WEB AND BOTTOM FLANGE UP TO WEB, AND 29" LONG X 11" WIDE IN BEARING	35" LONG X 3"	HIGH IN	4	3	3 Squa	re Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF SURFACE CORROSION AND BOTH FLANGES IN VARIOUS L		WEB	3	20	20 Squa	re Feet
515	Effectiveness (Steel Protective Coatings)	UP TO 7" LONG X 5" WIDE AREAS OF PAINT SYSTEM ALONG BOTTOM FLEARING	_		3	1	1 Squa	re Feet
7	General Comments		·					

Spa	ın 1	Near Bearii	ng					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROUGH	SHOUT BEAM 1 BE	ARING	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BE	EAM 1	3	1		1 Square Feet
	General Comments							

Span	1	Far Bearing	g					
Mova	ble Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
311 C	Corrosion	AREAS OF SURFACE CORROSI BEARING	ON THROUGHOUT	BEAM 1	2	1		Each
	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAI BEAM 1 BEARING	NT SYSTEM THROU	JGHOUT	3	1		1 Square Feet
Ge	eneral Comments							

Spa	n 1	Beam 2						
Plat	e Girder							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	55	39	12	0	4 F	eet
515	Steel Pro	otective Coating	443	416	0	23	4 8	Square Feet
Elemen Numbe	Defect Tyres	Defect Descrip	tion		cs	CS Qty	Maint Qty	
107	Corrosion	(PAR) CORROSION ALONG RIGHT BOTTOM FLANGE UP TO 39" LONG 0.3" RESIDUAL WEB, AND 35" LON 0.48" RESIDUAL FLANGE AT BENT	S X 10" HIGH DO G X 5" WIDE DO	WN TO	4	4	4	Feet
107	Corrosion	AREAS OF SURFACE CORROSION AND BOTH FLANGES IN VARIOUS		WEB	2	10		Feet
107	Corrosion	SURFACE CORROSION ALONG LE 8" LONG X 24" HIGH AT END OF BI		B UP TO	2			Feet
107	Corrosion	UP TO 30" LONG X 5" WIDE AREAS CORROSION ALONG LEFT SIDE OF END BENT 1 BEARING		NGE AT	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM A WEB AND BOTTOM FLANGE UP TO IN WEB, AND 35" LONG X 5" WIDE BEARING	39" LONG X 10	" HIGH	4	4	4	Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT WEB AND BOTH FLANGES IN VAR			3	20	20	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM A WEB UP TO 8" LONG X 24" HIGH A BENT 1		-	3	1	1	Square Feet

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2 Square Feet

Effectiveness (Steel Protective Coatings) UP TO 30" LONG X 5" WIDE AREAS OF DETERIORATED PAINT SYSTEM ALONG LEFT SIDE OF BOTTOM FLANGE AT END BENT 1 BEARING

Spa	n 1	Near Bearin	ng					
Fixe	ed Bearing							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Element Number	Dofoct Typo	Defect Descr	ription		cs	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROUG	HOUT BEAM 2 BE	ARING	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BE	EAM 2	3	1		1 Square Feet
(General Comments							

Spa	ın 1			Far Bearing						
Mov	/able B	Searing		J						
	ment nber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing		1	0	1	0	0	Each
515		Steel Pro	tective Coating		1	0	0	1	0	Square Feet
Elemen Numbe	D	efect Type		Defect Description			cs	CS Qty	Maint Qty	
311	Corros	ion	AREAS OF SURFA	CE CORROSION THRO	UGHOUT	BEAM 2	2	1		Each
515		veness (Steel tive Coatings)	AREAS OF DETERI BEAM 2 BEARING	ORATED PAINT SYST	EM THRO	JGHOUT	3	1	•	1 Square Feet
	General	Comments								

Spai	n 1	Beam 3						
Plate	e Girder							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	55	40	12	0	3	Feet
515	Steel Pro	tective Coating	443	412	0	22	9	Square Feet
Element Number	Dofoot Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
107	Corrosion	(PAR) CORROSION ALONG BOTH BOTTOM FLANGE UP TO 34" LONG 0.291" RESIDUAL WEB, AND 36" LO TO 0.289" RESIDUAL FLANGE AT B	G X 24" HIGH DO ONG X 5" WIDE [WN TO DOWN	4	3	;	3 Feet
107	Corrosion	14" LONG X 5" WIDE AREA OF SUI ALONG LEFT FACE OF BOTTOM F BEARING			2	2		Feet
107	Corrosion	AREAS OF SURFACE CORROSION AND BOTH FLANGES IN VARIOUS		WEB	2	10		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM A WEB AND BOTTOM FLANGE UP TO IN WEB, AND 36" LONG X 5" WIDE BEARING	0 34" LONG X 24	" HIGH	4	9	,	9 Square Feet
515	Effectiveness (Steel Protective Coatings)	14" LONG X 5" WIDE AREA OF DET SYSTEM ALONG LEFT FACE OF BO BENT 1 BEARING	-		3	2	:	2 Square Feet

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20 Square Feet

Effectiveness (Steel Protective Coatings)

AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS

Spa	an 1	Near Bearin	g					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
lemer	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROUG	HOUT BEAM 3 BE	ARING	2	1		Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BE	EAM 3	3	1		1 Square Feet
	General Comments							

Spa	n 1	Far Bear	ing					
Mov	able Bearing							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Elemen Number	Dofoct Typo	Defect De	escription		cs	CS Qty	Maint Qty	
311	Corrosion	AREAS OF SURFACE CORROBEARING	SION THROUGHOUT	BEAM 3	2	1		Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED P BEAM 3 BEARING	AINT SYSTEM THROU	JGHOUT	3	1		1 Square Feet
-	General Comments							

Spar	า 1	Beam 4						
Plate	e Girder							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	55	42	10	0	3	Feet
515	Steel Pro	tective Coating	443	420	0	20	3	Square Feet
Element Number	Defect Tyme	Defect Desc	ription		cs	CS Qty	Maint Qty	
107	Corrosion	(PAR) CORROSION ALONG RIGH BOTTOM FLANGE UP TO 36" LO MEASURABLE LOSS OF SECTION REPAIR IN WEB, AND 20" LONG RESIDUAL FLANGE, APPROXIMA BENT 1 BEARING	NG X 4" HIGH WIT ON BENEATH PAIN X 5" WIDE DOWN	TH NO IT TO .49"	4	3	(3 Feet
107	Corrosion	AREAS OF SURFACE CORROSIC AND BOTH FLANGES IN VARIOU		WEB	2	10		Feet
	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM WEB AND BOTTOM FLANGE UP WEB, AND 20" LONG X 5" WIDE APPROXIMATELY 4" FROM FAC	TO 36" LONG X 4' IN FLANGE,	" HIGH IN	4	3	3	3 Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAIL WEB AND BOTH FLANGES IN VA			3	20	20	Square Feet
7	General Comments							

Spa	n 1	Near Bearin	ıg					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	0	1	0	Square Feet
Elemen	Dofoct Type	Defect Descr	ription		cs	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROUG	HOUT BEAM 4 BE	ARING	2	1		Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BE	AM 4	3	1		1 Square Feet
	General Comments							

Spar	า 1	Far Bearin	ng					
Mov	able Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
311	Corrosion	AREAS OF SURFACE CORROS BEARING	ION THROUGHOUT	BEAM 4	2	1		Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PA BEAM 4 BEARING	INT SYSTEM THROU	JGHOUT	3	1		1 Square Feet
_	General Comments							

Spai	n 1	Beam 5						
Plate	e Girder							
Elen Num 107	nber	Element Name pen Girder/Beam	Total Qty 55	CS1 Qty 38	CS2 Qty 12	CS3 Qty 5	CS4 Qty	-eet
515	Steel P	rotective Coating	443	418	0	22	3 \$	Square Feet
Element Number	Dofoot Tymo	Defect Descri	ption		cs	CS Qty	Maint Qty	
107	Corrosion	(PAR) CORROSION AT BEAM END LOWER WEB	DOWN TO .38" II	N	3	2	2	Feet
107	Corrosion	CORROSION ALONG BOTH FACES FLANGE UP TO 30" LONG X 6" HIG MEASURABLE LOSS OF SECTION X 5" WIDE DOWN TO 5/8" RESIDUA BEARING	SH WITH NO IN WEB, AND 20	" LONG	3	3	3	Feet
107	Corrosion	AREAS OF SURFACE CORROSION AND BOTH FLANGES IN VARIOUS		WEB	2	10		Feet
107	Corrosion	UP TO 24" LONG X 5" WIDE AREA CORROSION ALONG BOTTOM FLA 2" HIGH IN LEFT FACE OF WEB A	ANGE, AND 15" L		2	2		Feet
515	Effectiveness (Steel Protective Coatings)		O 30" LONG X 6"	HIGH IN	4	3	3	Square Feet
515	Effectiveness (Steel Protective Coatings				3	20	20	Square Feet
515	Effectiveness (Steel Protective Coatings		FLANGE, AND 15		3	2	2	Square Feet

Spa	an 1		Near Beari	ng					
Fix	ed Bearing	g							
	ement ımber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Eleme Numb	Dofos	t Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
313	Corrosion		SURFACE CORROSION THROUGH	SHOUT BEAM 5 BE	ARING	2	1		Each
515	Effectivene Protective	ess (Steel Coatings)	DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BE	EAM 5	3	1		1 Square Feet
	General Co	mments							

Spa	ın 1	Far Bear	ing					
Mov	able Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect De	escription		cs	CS Qty	Maint Qty	
311	Corrosion	AREAS OF SURFACE CORROBEARING	SION THROUGHOUT	BEAM 5	2	1		Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED P	PAINT SYSTEM THROU	JGHOUT	3	1		1 Square Feet
	General Comments							

Span 1		Beam 6						
Plat	e Girder							
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	55	41	14	0	0 F	eet
515	Steel Pro	tective Coating	443	419	0	24	0 8	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descript	tion		cs	CS Qty	Maint Qty	
107	Corrosion	AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS		2	10		Feet	
107	Corrosion	SURFACE CORROSION ALONG BO TO 28" LONG X 8" HIGH AT END OF			2	3		Feet
107	Corrosion	UP TO 12" LONG X 5" WIDE AREAS CORROSION ALONG BOTTOM FLA BEARING		ENT 1	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT WEB AND BOTH FLANGES IN VARI			3	20	20	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM AL WEB UP TO 28" LONG X 8" HIGH AT BENT 1			3	3	3	Square Feet
515	Effectiveness (Steel Protective Coatings)	UP TO 12" LONG X 5" WIDE AREAS PAINT SYSTEM ALONG BOTTOM FI BEARING			3	1	1	Square Feet
-	General Comments							

Spa	n 1	Near Beari	ng					
Fixe	ed Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROUGH	GHOUT BEAM 6 BE	ARING	2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BE	EAM 6	3	1		1 Square Feet
-	General Comments							

Span	1	Far Bear	ing					
Mova	ble Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
lement lumber	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	
311 Corrosion A		AREAS OF SURFACE CORROBEARING	EAS OF SURFACE CORROSION THROUGHOUT BEAM 6		2	1		Each
	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED F BEAM 6 BEARING	PAINT SYSTEM THROU	JGHOUT	3	1		1 Square Feet
Ge	eneral Comments							

Spa	an 2	Deck						
Rei	nforced Concrete	Deck						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ed Concrete Deck	2,553	1,181	143	1,229	0 S	quare Feet
Elemer Numbe	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
12	Cracking (RC and Other)	UP TO 0.02" MAP CRACKS IN TOP LOCATIONS	OF DECK IN VA	ARIOUS	3	1,220	1,220	Square Feet
12	Cracking (RC and Other)	UP TO 50" X 1/8" TRANSVERSE CI IN EASTBOUND LANE AND RIGHT LOCATIONS			3	8	8	Square Feet
12	Delamination/Spall	AT BENT 2 JOINT, IN EASTBOUND WIDE X UP TO 2" DEEP SPALL	LANE, 1' LONG	3 X 3"	3	1	1	Square Feet
12	Abrasion/Wear (PSC/RC)	1320 SF OF SCALING WITH EXPOS OF DECK THROUGHOUT TRAVEL		TE IN TOP	2	100		Square Feet
12	Cracking (RC and Other)	UP TO 0.04" TRANSVERSE CRACI TRAVEL LANES AT BENT 1 JOINT		ECK IN	2	25	25	Square Feet
12	Cracking (RC and Other)	UP TO 0.04" TRANSVERSE CRACI TRAVEL LANES AT BENT 2 JOINT		ECK IN	2	18	18	Square Feet

Spa	ın 2	Left Bridge Rail						
Con	ncrete Railing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	55	32	23	0	0 Feet	
Elemen Numbe	Dofoct Typo	Defect Description			cs	CS Qty	Maint Qty	
331	Cracking (RC and Other)	UP TO 0.035" LONGITUDINAL AND VER' TOP AND ENDS OF RAIL IN VARIOUS LO			2	16	Feet	
331	Delamination/Spall	FIVE (5) SPALLS UP TO 5" X 3 1/2" X 1/4 RAIL POSTS IN VARIOUS LOCATIONS	" DEEP IN	FACE OF	2	4	4 Feet	
331	Delamination/Spall	THREE (3) SPALLS WITH EXPOSED REE X 3/4" DEEP IN BOTTOM OF RAIL IN VA			2	3	3 Feet	
331	Cracking (RC and Other)	ON TOP OF CURB THROUGHOUT, LESS CRACKING WITH EFFLORESCENCE	THAN 0.01	1" WIDE	1		Feet	
•	General Comments							_

AGGREGATE EXPOSED BUT SECURE THROUGHOUT

Spa	an 2	Right Bridge R	ail					
Co	ncrete Railing							
Nu	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	55	23	32	0	0 Feet	
Eleme Numb	Dofoct Typo	Defect Description	on		cs	CS Qty	Maint Qty	
331	Cracking (RC and Other)	UP TO 0.02" LONGITUDINAL CRACKS VARIOUS LOCATIONS	S IN TOP OF R	AIL IN	2	8	Feet	
331	Delamination/Spall	SPALLS WITH EXPOSED REBAR UP DEEP IN BOTTOM OF RAIL AND OUT POSTS INTERMITTENT THROUGHOU	SIDE FACES C	_	2	23	23 Feet	
331	Delamination/Spall	TWO (2) SPALLS WITH EXPOSED REIX 1/4" DEEP IN EAST FACE OF RAIL I			2	1	1 Feet	
331	Cracking (RC and Other)	ON TOP OF CURB THROUGHOUT, LE CRACKING WITH EFFLORESCENCE	SS THAN 0.01	" WIDE	1		Feet	
	General Comments		·		·		·	

AGGREGATE EXPOSED BUT SECURE THROUGHOUT

Spai	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	55	36	10	6	3	Feet
515	Steel Pro	otective Coating	446	417	0	20	9	Square Feet
Element Number	Dofoot Typo	Defect Descript	tion		cs	CS Qty	Maint Qty	
107	Corrosion	(PAR) CORROSION ALONG BOTH F BOTTOM FLANGE UP TO 36" LONG CORROSION ON WEB, AND 36" LOI DOWN TO .431" RESIDUAL FLANGE	6 X 24" HIGH SU NG X 11 3/4" WI	RFACE DE	4	3	;	3 Feet
107	Corrosion	(PAR) CORROSION ALONG BOTH F BOTTOM FLANGE UP TO 68" LONG 0.431" RESIDUAL WEB, AND 61" LO DOWN TO 5/8" RESIDUAL FLANGE	X 10" HIGH DO NG X 11 3/4" W	WN TO IDE	3	6	(6 Feet
107	Corrosion	AREAS OF SURFACE CORROSION AND BOTH FLANGES IN VARIOUS I		WEB	2	10		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM AL WEB AND BOTTOM FLANGE UP TO IN WEB, AND 36" LONG X 11 3/4" W BENT 2 BEARING	36" LONG X 24	I" HIGH	4	3	;	3 Square Feet

General Comments

CONCRETE DIAPHRAGM, LEFT SIDE OF SPAN 2 BEAM 1 AT BENT 1, 12" LONG X 0.75" DEEP SPALL WITH EXPOSED REBAR WITH ACTIVE SECTION LOSS

Spa	an 2			Near Bearing						
Mov	vable Be	earing								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing		1	0	1	0	0	Each
515		Steel Pro	tective Coating		1	0	0	1	0	Square Feet
Elemer Numbe	Do	fect Type		Defect Description			cs	CS Qty	Maint Qty	
311	Corrosi	on	AREAS OF SURFA BEARING	CE CORROSION THRO	UGHOUT	BEAM 1	2	1		Each
515		eness (Steel ve Coatings)	AREAS OF DETER BEAM 1 BEARING	IORATED PAINT SYST	EM THROU	JGHOUT	3	1		1 Square Feet
	General 0	Comments								

Spa	an 2		I	Far Bearing						
Fix	ed Bearing									
	ement imber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring		1	0	1	0	0	Each
515		Steel Pro	tective Coating		1	0	0	1	0	Square Feet
Elemei Numbe	Dofoct	Туре		Defect Description			cs	CS Qty	Maint Qty	
313	Corrosion		AREAS OF SURFACE BEARING	CE CORROSION THRO	DUGHOUT	BEAM 1	2	1		Each
515	Effectivenes Protective 0		AREAS OF DETERIOR BEAM 1 BEARING	ORATED PAINT SYST	EM THROU	JGHOUT	3	1	•	1 Square Feet
	General Com	ments								

Spa	n 2		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	55	12	5	0	38	Feet	
515		Steel Pro	tective Coating	446	403	0	5	38	Square Feet	
Elemen Number	Dofoot	Туре	Defect Descrip	otion		cs	CS Qty	Maint Qty		_
107	Corrosion		(PAR) 35' SECTION OF CORROSION RIGHT FACE OF WEB AND BOTTO HIGH DOWN TO 0.376" RESIDUAL V DOWN TO 1/2" RESIDUAL FLANGE BENT 1 (NO PHOTOS)	M FLANGE UP T WEB, AND 5" WI	O 4" IDE	4	35	35	5 Feet	
107	Corrosion		(PAR) CORROSION ALONG BOTH I BOTTOM FLANGE UP TO 33" LONG 0.275" RESIDUAL WEB, AND 34" LO TO .328" RESIDUAL FLANGE AT BI	S X 6" HIGH DOV ONG X 5" WIDE I	VN TO DOWN	4	3	3	3 Feet	
107	Corrosion		AREAS OF SURFACE CORROSION AND BOTH FLANGES IN VARIOUS		WEB	2	5		Feet	

Structure	Number: <u>160001</u>			Inspe	ction D	ate: 02/14/2022
515	Effectiveness (Steel Protective Coatings)	35' SECTION OF DETERIORATED PAINT SYSTEM ALONG LEFT AND RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 4" HIGH IN WEB, AND 5" WIDE IN FLANGE EXTENDING FROM BENT 1	4	35	35	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 33" LONG X 6" HIGH IN WEB, AND 34" LONG X 5" WIDE IN FLANGE AT BENT 2 BEARING	4	3	3	Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	5	5	Square Feet

Spa	an 2			Near Bearing						
Mov	vable	Bearing								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing		1	0	1	0	0	Each
515		Steel Pro	tective Coating		1	0	0	1	0	Square Feet
Elemer Numbe		Defect Type		Defect Description			cs	CS Qty	Maint Qty	
311	Corr	osion	AREAS OF SURFA	CE CORROSION THRO	UGHOUT	BEAM 2	2	1		Each
515	515 Effectiveness (Steel Protective Coatings		AREAS OF DETER BEAM 2 BEARING	IORATED PAINT SYST	EM THRO	UGHOUT	3	1		1 Square Feet
	Gener	ral Comments								

Spa	an 2		Far B	earing					
Fix	ed Bearing								
	ement imber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Eleme	Dofoct	Туре	Defec	et Description		cs	CS Qty	Maint Qty	
313	Corrosion		AREAS OF SURFACE COR BEARING	RROSION THROUGHO	JT BEAM 2	2	1		Each
515	Effectivene Protective (AREAS OF DETERIORATE BEAM 2 BEARING	ED PAINT SYSTEM THE	ROUGHOUT	3	1		1 Square Feet
	General Com	ments							

Spa	n 2		Beam 3						
Plate	e Girder								
Elen Num	ment nber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel O	pen Girder/Beam	55	30	15	0	10	Feet
515		Steel P	rotective Coating	446	416	0	27	3	Square Feet
Elemen	Dofoct	Туре	Defect De	Defect Description				Maint Qty	
107	Corrosion		(PAR) 100% SECTION LOSS FO WIDE OVER BENT 2 BEARING		H x 4"	4	7		7 Feet
107	Corrosion		BOTTOM FLANGE UP TO 25" I RESIDUAL WEB WITH 3" X 3" LONG X 11 3/4" WIDE DOWN T	PAR) CORROSION ALONG BOTH FACES OF WEB AND SOTTOM FLANGE UP TO 25" LONG X 24" HIGH DOWN TO RESIDUAL WEB WITH 3" X 3" LOSS OF SECTION, AND 24" ONG X 11 3/4" WIDE DOWN TO .177" RESIDUAL FLANGE AT BENT 2 BEARING					3 Feet

Structure	Number: <u>160001</u>			Inspec	tion D	ate: 02/14/2022
107	Corrosion	AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	2	10		Feet
107	Corrosion	CORROSION ALONG BOTH FACES OF WEB UP TO 8" LONG X 5" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AT END OF BEAM AT BENT 1	2	1		Feet
107	Corrosion	SURFACE CORROSION THROUGHOUT 24" LONG X 5" WIDE X 6" HIGH PLATE REPAIR WELDED TO RIGHT FACE OF WEB AND BOTTOM FLANGE AT BENT 1 ON BOTH SIDES	2			Feet
107	Corrosion	SURFACE CORROSION THROUGHOUT 48" LONG X 5" WIDE X 6" HIGH PLATE REPAIR WELDED TO LEFT FACE OF WEB AND BOTTOM FLANGE AT BENT 1	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 25" LONG X 24" HIGH IN WEB, AND 24" LONG X 11 3/4" WIDE IN FLANGE AT BENT 2 BEARING	4	3	3	Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	20	20	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB UP TO 8" LONG X 5" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AT END OF BEAM AT BENT 1	3	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THROUGHOUT 24" LONG X 5" WIDE X 6" HIGH PLATE REPAIR WELDED TO RIGHT FACE OF WEB AND BOTTOM FLANGE AT BENT 1	3	2	2	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THROUGHOUT 48" LONG X 5" WIDE X 6" HIGH PLATE REPAIR WELDED TO LEFT FACE OF WEB AND BOTTOM FLANGE AT BENT 1	3	4	4	Square Feet

Spa	n 2	Near Beari	ng					
Mov	able Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
311	Corrosion	AREAS OF SURFACE CORROSI BEARING	ON THROUGHOUT	BEAM 3	2	1		Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAREAM 3 BEARING	INT SYSTEM THROU	JGHOUT	3	1		1 Square Feet

Span	n 2	Far Bearin	g					
Fixed	d Bearing							
Elem-		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bea	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
lement lumber	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	AREAS OF SURFACE CORROSI BEARING	ON THROUGHOUT	BEAM 3	2	1		Each
	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAI BEAM 3 BEARING	NT SYSTEM THROU	JGHOUT	3	1		1 Square Feet

General Comments

General Comments

Spa	ın 2	Beam 4						
Plat	e Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	55	37	10	3	5	Feet
515	Steel Pro	otective Coating	446	413	0	23	10	Square Feet
Elemen Numbe	Dofoot Tyme	Defect Description	on		cs	CS Qty	Maint Qty	
107	Corrosion	(PAR) CORROSION ALONG LEFT FAI BOTTOM FLANGE UP TO 60" LONG X TO 0.334" RESIDUAL WEB, AND 60" I DOWN TO 9/16" RESIDUAL FLANGE	(5" HIGH WIT LONG X 11 3/4	H DOWN " WIDE	4	5	5	5 Feet
107	Corrosion	EVIDENCE OF CORROSION BENEAT ALONG BOTH FACES OF WEB AND E TO 36" LONG X 24" HIGH WITH NO M OF SECTION IN WEB, AND 27" LONG 5/8" RESIDUAL FLANGE AT BENT 2 E	BOTTOM FLAN EASURABLE X 5" WIDE DO	NGE UP LOSS	3	3	3	3 Feet
107	Corrosion	AREAS OF SURFACE CORROSION T AND BOTH FLANGES IN VARIOUS LO		WEB	2	10		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALC WEB AND BOTTOM FLANGE UP TO 6 WEB, AND 60" LONG X 11 3/4" WIDE BEARING	0" LONG X 5"	HIGH IN	4	10	10) Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT S' WEB AND BOTH FLANGES IN VARIO			3	20	20	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEN ALONG BOTH FACES OF WEB AND B TO 36" LONG X 24" HIGH IN WEB, AN WIDE IN FLANGE AT BENT 2 BEARIN	BOTTOM FLAN ID 27" LONG X	IGE UP	3	3	3	Square Feet
•	General Comments							

ın 2	Near Bear	ing					
able Bearing							
ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Movable	Bearing	1	0	1	0	0	Each
Steel Pro	otective Coating	1	0	0	1	0	Square Feet
nt Pr Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
Corrosion	AREAS OF SURFACE CORROS BEARING	SION THROUGHOUT	BEAM 4	2	1		Each
Effectiveness (Steel Protective Coatings)		INT SYSTEM THROU	JGHOUT	3	1		1 Square Feet
r	rable Bearing nent nber Movable Steel Pro t Defect Type Corrosion Effectiveness (Steel	rable Bearing nent nber Element Name Movable Bearing Steel Protective Coating t Defect Type Defect Des Corrosion AREAS OF SURFACE CORROS BEARING Effectiveness (Steel AREAS OF DETERIORATED PA	rable Bearing nent Element Name Qty Movable Bearing 1 Steel Protective Coating 1 t Defect Type Defect Description Corrosion AREAS OF SURFACE CORROSION THROUGHOUT BEARING Effectiveness (Steel AREAS OF DETERIORATED PAINT SYSTEM THROU	rable Bearing ment Element Name Qty Qty Movable Bearing 1 0 Steel Protective Coating 1 0 t Defect Type Defect Description Corrosion AREAS OF SURFACE CORROSION THROUGHOUT BEAM 4 BEARING Effectiveness (Steel AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT	rable Bearing ment Element Name Qty Qty Qty Movable Bearing 1 0 1 Steel Protective Coating 1 0 0 t Defect Type Defect Description CS Corrosion AREAS OF SURFACE CORROSION THROUGHOUT BEAM 4 2 BEARING Effectiveness (Steel AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT 3	rable Bearing ment Element Name Qty Qty Qty Qty Qty Qty Movable Bearing 1 0 1 0 1 0 Steel Protective Coating 1 0 0 1 t Defect Type Defect Description CS CS Qty Corrosion AREAS OF SURFACE CORROSION THROUGHOUT BEAM 4 2 1 BEARING Effectiveness (Steel AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT 3 1	Total CS1 CS2 CS3 CS4

Spa	n 2	Far Bearing	l					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	etective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Defect Type	Defect Descr	ription		cs	CS Qty	Maint Qty	
313	Corrosion	AREAS OF SURFACE CORROSION BEARING	N THROUGHOUT	BEAM 4	2	1		Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAIN BEAM 4 BEARING	IT SYSTEM THROU	GHOUT	3	1		1 Square Feet

Spa	ın 2	Beam 5						
Plat	te Girder							
	ment mber Steel On	Element Name en Girder/Beam	Total Qty 55	CS1 Qty 38	CS2 Qty	CS3 Qty	CS4 Qty 7 F	eet
515	•	tective Coating	446	419	0	20		quare Feet
Elemer Numbe	Dofoot Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
107	Corrosion	(PAR) CORROSION ALONG BOTH BOTTOM FLANGE UP TO 17" LONG MEASURABLE LOSS OF SECTION X 6" WIDE DOWN TO .546" RESIDU BEARING	G X 3" HIGH WITH IN WEB, AND 14'	I NO ' LONG	4	2	2	Feet
107	Corrosion	(PAR) CORROSION ALONG BOTH 55" LONG X 10" HIGH WITH DOWN RESIDUAL WEB AT BENT 1 BEARI	TO 0.322" REMA		4	5	5	Feet
107	Corrosion	AREAS OF SURFACE CORROSION AND BOTH FLANGES IN VARIOUS		WEB	2	10		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM A WEB AND BOTTOM FLANGE UP TO WEB, AND 14" LONG X 6" WIDE IN BEARING	0 17" LONG X 3"	HIGH IN	4	2	2	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM A WEB UP TO 55" LONG X 10" HIGH			4	5	5	Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT WEB AND BOTH FLANGES IN VAR			3	20	20	Square Feet
	General Comments							

Spa	an 2			Near Bearing						
Мо	vable Be	earing								
	ement Imber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing		1	0	1	0	0	Each
515		Steel Pro	otective Coating		1	0	0	1	0	Square Feet
Eleme	Do	fect Type		Defect Description			cs	CS Qty	Maint Qty	
311	Corrosi	on	AREAS OF SURFA	ACE CORROSION THR	OUGHOUT	BEAM 5	2	1		Each
515		eness (Steel ve Coatings)	AREAS OF DETER BEAM 5 BEARING	RIORATED PAINT SYS	TEM THRO	JGHOUT	3	1	•	I Square Feet
	General (Comments								

Spa	n 2	Far Bearir	ng					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Elemen Number	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	AREAS OF SURFACE CORROS BEARING	ION THROUGHOUT	BEAM 5	2	1		Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PA BEAM 5 BEARING	INT SYSTEM THROU	JGHOUT	3	1		1 Square Feet

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Spa	ın 2	Beam 6						
Plat	te Girder							
	ment nber	Element Name en Girder/Beam	Total Qty 55	CS1 Qty 40	CS2 Qty	CS3 Qty	CS4 Qty	-eet
515	·	ottective Coating	446	419	0	20		Square Feet
Elemen Numbe	Defect Tyme	Defect Description	on		cs	CS Qty	Maint Qty	
107	Corrosion	(PAR) CORROSION ALONG BOTH FA BOTTOM FLANGE UP TO 58" LONG N 0.385" RESIDUAL WEB, AND 67" LON DOWN TO 9/16" RESIDUAL FLANGE	(7" HIGH DOV IG X 11 1/2" W	VN TO IDE	4	3	3	Feet
107	Corrosion	CORROSION ALONG LEFT FACE OF FLANGE UP TO 22" LONG X 4" HIGH MEASURABLE LOSS OF SECTION IN X 5" WIDE DOWN TO 0.550" RESIDUA BEARING	WITH NO WEB, AND 14	" LONG	4	2	2	: Feet
107	Corrosion	AREAS OF SURFACE CORROSION T AND BOTH FLANGES IN VARIOUS LO		WEB	2	10		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALC WEB AND BOTTOM FLANGE UP TO 5 WEB, AND 67" LONG X 11 1/2" WIDE BEARING	58" LONG X 7"	HIGH IN	4	5	5	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALC WEB AND BOTTOM FLANGE UP TO 2 WEB, AND 14" LONG X 5" WIDE IN FI BEARING	22" LONG X 4"	HIGH IN	4	2	2	Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT S WEB AND BOTH FLANGES IN VARIO	-		3	20	20	Square Feet
•	General Comments							

Spa	an 2		Near Be	aring					
Mo	vable	e Bearing							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Elemer		Defect Type	Defect D	escription		cs	CS Qty	Maint Qty	
311	Corr	rosion	AREAS OF SURFACE CORROBEARING	OSION THROUGHOUT	BEAM 6	2	1		Each
515		ctiveness (Steel tective Coatings)	AREAS OF DETERIORATED I BEAM 6 BEARING	PAINT SYSTEM THROU	JGHOUT	3	1		1 Square Feet
	Gene	eral Comments							

Span 2	oarina	Far Bearing						
Element Number	-	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	-	Each
515	Steel Protective Coating		1	0	0	1	0	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

 313
 Corrosion
 AREAS OF SURFACE CORROSION THROUGHOUT BEAM 6 BEARING
 2
 1
 Each

 515
 Effectiveness (Steel Protective Coatings)
 AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT AREAS OF DETERIORATED PAINT SYSTEM THROUGH AREAS OF DETERIORATED PAINT SYSTEM THROUGH AREAS OF DETERIORATED PAINT SYSTEM THROUGH ARE

Spai	n 2	Expansion	Expansion Joint 1					
Stan	dard Joint							
Elen Num 301	ber	Element Name le Joint Seal	Total Qty 50	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	eet
Element Number	Defect Type	Defect Desc			cs	CS Qty	Maint Qty	
301	Seal Adhesion	FULL DEPTH SEPARATION OF J BENT 1 JOINT IN VARIOUS LOCA	•	LONG	3	42		Feet
301	Debris Impaction	5' OF DIRT AND DEBRIS ACCUM JOINT IN BOTH SHOULDERS	ULATION ALONG I	BENT 1	2			Feet
-	General Comments							

Spai								
Rein	forced Concrete	Deck						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	Reinforced Concrete Deck		0	734	1,819	0 S	quare Feet
lement umber	Dofoct Typo	Defect De	scription		cs	CS Qty	Maint Qty	
12	Cracking (RC and Other)	31" X 1/8" TRANSVERSE CRAC WESTBOUND LANE, APPROXI JOINT			3	3	3	Square Feet
12	Cracking (RC and Other)	UP TO 0.02" MAP CRACKS IN LOCATIONS	TOP OF DECK IN VAR	RIOUS	3	1,815	1,815	Square Feet
12	Delamination/Spall	12"x 12"x 1" SPALL WITH EXP SIDE, UNDERSIDE OF DECK	OSED REBAR BENT	3, LEFT	3	1	1	Square Feet
12	Abrasion/Wear (PSC/RC)	SCALING WITH EXPOSED AGO THROUGHOUT TRAVEL LANE		DECK	2	695		Square Feet
12	Cracking (RC and Other)	UP TO 0.03" TRANSVERSE CR TRAVEL LANES AT BENT 2 JC		CK IN	2	14	14	Square Feet
12	Cracking (RC and Other)	UP TO 0.035" TRANSVERSE C TRAVEL LANES AT BENT 3 JO		ECK IN	2	25	25	Square Feet

Span	3	Left Bridge	Rail					
Conc	rete Railing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	55	35	20	0	0 1	Feet
lement lumber	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	UP TO 0.035" LONGITUDINAL AND TOP AND ENDS OF RAIL IN VARIO		CKS IN	2	17		Feet
331 E	Delamination/Spall		WITHIN 8' OF BENT 3 JOINT, (3) 3" DIAMETER X 0.25" DEEP SPALLS WITH EXPOSED REBAR UNDER RAILING			3	3	Feet .
	Cracking (RC and On TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE		" WIDE	1			Feet	

Spa	ın 3	Right Bridge F	Rail					
Con	ncrete Railing							
Nur	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	55	5	50	0	0 Feet	
Elemen	Dofoct Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
331	Cracking (RC and Other)	UP TO 0.03" LONGITUDINAL AND VI TOP AND ENDS OF RAIL IN VARIOU		KS IN	2	16	Fee	t
331	Delamination/Spall	SPALLS WITH EXPOSED REBAR UP DEEP IN BOTTOM OF RAIL IN VARIO			2	31	31 Fee	t
331	Delamination/Spall	THREE (3) SPALLS UP TO 4" X 3 1/2 OF RAIL AND RAIL POSTS IN VARIO			2	3	3 Fee	t
331	Cracking (RC and Other)	ON TOP OF CURB THROUGHOUT, L CRACKING WITH EFFLORESCENCE		" WIDE	1		Fee	t
,	General Comments							

AGGREGATE EXPOSED BUT SECURE THROUGHOUT

Spa	n 3	Beam 1						
Plat	e Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	oen Girder/Beam	55	0	0	0	55 F	eet
515	Steel Pr	otective Coating	446	342	0	0	104 S	Square Feet
Elemen Numbe	Dofoot Typo	•				CS Qty	Maint Qty	
107	Corrosion	(PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 5" HIGH DOWN TO 0.470" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.401" RESIDUAL FLANGE AT BENT 3 BEARING				3	3	Feet
107	Corrosion	(PAR) CORROSION EXTENDING 9 0.251" REMAINING UP 3" FROM F		VEB,	4	3	3	Feet
107	Corrosion	(PAR) INTERMITTENT FULL LENGTH, CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 5" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 5" WIDE IN BOTTOM OF MIDSPAN FLANGE WITH NO MEASURABLE SECTION LOSS				49	49	Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 5" HIGH IN WEB, AND 5" WIDE IN FLANGE INTERMITTENT FULL LENGTH				98	98	Square Feet
515	Effectiveness (Steel Protective Coatings)		TO 34" LONG X 5"	HIGH IN	4	6	6	Square Feet

Spa	an 3	Near Bo	earing					
Мо	vable Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0 1	∃ach
515	Steel Pro	otective Coating	1	0	0	1	0 \$	Square Feet
Eleme	Defect Tyme	Defect	Description		cs	CS Qty	Maint Qty	
311	311 Corrosion AREAS OF SURFA BEARING (SEE PH		ACE CORROSION THROUGHOUT BENT 1		2	1		Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED BENT 1 BEARING	PAINT SYSTEM THRO	JGHOUT	3	1	1	Square Feet
	General Comments							

Span	3	Far Bearing	g					
Fixed	l Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bea	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
313 C	Corrosion	AREAS OF SURFACE CORROSI BEARING	ACE CORROSION THROUGHOUT BEAM 1		2	1		Each
	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAI BEAM 1 BEARING	NT SYSTEM THROU	JGHOUT	3	1		1 Square Feet
Ge	eneral Comments							

Spai	n 3	Beam 2						
Plate	e Girder							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	55	7	4	0	44 F	eet
515	Steel Pro	tective Coating	446	351	0	7	88 \$	Square Feet
Element Number	Defect Type	Defect Description	n		cs	CS Qty	Maint Qty	
107	Corrosion	(PAR) CORROSION ALONG BOTH FA BOTTOM FLANGE UP TO 32" LONG X 0.212" RESIDUAL WEB, AND 34" LON DOWN TO 0.350" RESIDUAL FLANGE	5" HIGH DOV G X 11 3/4" W	VN TO IDE	4	3	3	Feet
107	Corrosion	(PAR) CORROSION ALONG BOTH FA 12" LONG X 24" HIGH DOWN TO 0.405 END OF BEAM AT BENT 2			4	1	1	Feet
107	Corrosion	(PAR) INTERMITTENT FULL LENGTH RIGHT FACE OF WEB AND BOTTOM I HIGH DOWN TO 0.40" RESIDUAL WEE DOWN TO 0.50" RESIDUAL FLANGE, BENT 2 (NO PHOTO)	FLANGE UP T B, AND 5" WID	O 6" E	4	40	40	Feet
107	Corrosion	SURFACE CORROSION THROUGHOU WIDE PLATE REPAIR ON BOTTOM FL LONG X 6" HIGH PLATE REPAIR ON V OF BEAM AT BENT 2	ANGE, AND 3	86"	2			Feet
107	Corrosion	SURFACE CORROSION THROUGHOU HIGH PLATE REPAIR WELDED TO RIG BENT 2			2	4		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALO WEB AND BOTTOM FLANGE UP TO 3 WEB, AND 34" LONG X 11 3/4" WIDE I BEARING	2" LONG X 5"	HIGH IN	4	6	6	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALO WEB UP TO 12" LONG X 24" HIGH AT BENT 2			4	2	2	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALO WEB AND BOTTOM FLANGE UP TO 6 5" WIDE IN FLANGE, BEGINNING 4' FI	" HIGH IN WE		4	80	80	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THR X 5" WIDE PLATE REPAIR ON BOTTO LONG X 6" HIGH PLATE REPAIR ON V OF BEAM AT BENT 2	M FLANGE, A	ND 36"	3	3	3	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THR X 6" HIGH PLATE REPAIR WELDED TO WEB AT BENT 2			3	4	4	Square Feet

Spa	an 3			Near Bearing						
Mo	vable B	earing								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing		1	0	1	0	0	Each
515		Steel Pro	tective Coating		1	0	0	1	0	Square Feet
Elemer	_ D	efect Type		Defect Description			cs	CS Qty	Maint Qty	
311	Corrosion AREAS OF SURFA BEARING			ACE CORROSION THROUGHOUT BEAM 2		BEAM 2	2	1		Each
515	15 Effectiveness (Steel AREAS OF DETER Protective Coatings) BEAM 2 BEARING			IORATED PAINT SYST	EM THRO	UGHOUT	3	1		1 Square Feet
	General	Comments								

n 3	Far Bearin	g					
d Bearing							
nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Fixed Bea	aring	1	0	1	0	0	Each
Steel Prot	ective Coating	1	0	0	1	0	Square Feet
t Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
Corrosion	Corrosion AREAS OF SURFACE CORROSION THROUGHOUT BEA		BEAM 2	2	1	-	Each
Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAI BEAM 2 BEARING	NT SYSTEM THROU	JGHOUT	3	1		1 Square Fee
	d Bearing nent her Fixed Bea Steel Prot Defect Type Corrosion Effectiveness (Steel	nent Blement Name Fixed Bearing Steel Protective Coating Defect Type Corrosion AREAS OF SURFACE CORROSI BEARING Effectiveness (Steel AREAS OF DETERIORATED PAI	nent Element Name Qty Fixed Bearing 1 Steel Protective Coating 1 Defect Type Defect Description Corrosion AREAS OF SURFACE CORROSION THROUGHOUT BEARING Effectiveness (Steel AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT	tent Bearing Total CS1 ther Element Name Qty Qty Fixed Bearing 1 0 Steel Protective Coating 1 0 Defect Type Defect Description Corrosion AREAS OF SURFACE CORROSION THROUGHOUT BEAM 2 BEARING Effectiveness (Steel AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT	tent Bearing Total CS1 CS2 Qty Qty Qty Fixed Bearing 1 0 1 Steel Protective Coating 1 0 0 Defect Type Defect Description CS Corrosion AREAS OF SURFACE CORROSION THROUGHOUT BEAM 2 BEARING Effectiveness (Steel AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT 3	Total CS1 CS2 CS3 Defect Type Defect Description CS CS Qty Corrosion AREAS OF SURFACE CORROSION THROUGHOUT BEAM 2 2 1 BEARING BEAR	Total CS1 CS2 CS3 CS4

Span 3			Bea	ım 3						
Plat	e Girder									
Elen Nun			Element Name		Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
107	107 Ste		en Girder/Beam		55	30	17	0	8	Feet
515		Steel Protective Coating 446 398				398	0	34	14	Square Feet
Elemen Numbe	Detect	t Type Defect Description					cs	CS Qty	Maint Qty	
107	Corrosion	(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 15" LONG X 5" HIGH DOWN TO 0.503" RESIDUAL WEB, AND 18" LONG X 11 3/4" WIDE DOWN TO 0.199" RESIDUAL FLANGE AT BENT 3 BEARING					4	2	:	2 Feet
107	Corrosion		(PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 72" LONG X 24" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 72" LONG X 11 1/2" WIDE DOWN TO 0.360" RESIDUAL FLANGE AT BENT 2 BEARING (SEE PHOTOS)				4	6	1	6 Feet
107	Corrosion	CORROSION WITH NO MEASURABLE LOSS OF SECTION THROUGHOUT 24" LONG X 5" WIDE PLATE REPAIR ON BOTTOM FLANGE, AND SURFACE CORROSION THROUGHOUT 24" LONG X 6" HIGH PLATE REPAIR ON WEB ON RIGHT SIDE OF BEAM AT BENT 2					2	2		Feet
107	Corrosion	SURFACE CORROSION ALONG LEFT FACE OF WEB AND TOP OF BOTTOM FLANGE, BEGINNING 5' FROM BENT 2 CAP					2	15		Feet
515	Effectivenes Protective C					HIGH IN	4	2	:	2 Square Feet

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515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 72" LONG X 24" HIGH IN WEB, AND 72" LONG X 11 1/2" WIDE IN FLANGE AT BENT 2 BEARING	4	12	12	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND TOP OF BOTTOM FLANGE, BEGINNING 5' FROM BENT 2 CAP	3	30	30	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THROUGHOUT 24" LONG X 5" WIDE PLATE REPAIR ON BOTTOM FLANGE, AND THROUGHOUT 24" LONG X 6" HIGH PLATE REPAIR ON WEB ON RIGHT SIDE OF BEAM AT BENT 2	3	4	4	Square Feet
	General Comments					

Spa	an 3			Near Bearing						
Мо	vable Bea	aring								
	ement imber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing		1	0	1	0	0	Each
515		Steel Pro	tective Coating		1	0	0	1	0	Square Feet
Eleme Numb	Dofo	ct Type		Defect Description			cs	CS Qty	Maint Qty	
311	Corrosion	1	AREAS OF SURFA BEARING	CE CORROSION THR	DUGHOUT	BEAM 3	2	1		Each
515		ness (Steel e Coatings)	AREAS OF DETER BEAM 3 BEARING	IORATED PAINT SYST	EM THROU	JGHOUT	3	1		1 Square Feet
	General Co	mments								

Spa	an 3		Far Be	earing					
Fixe	ed Bearir	ng							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Dofe	ect Type	Defec	t Description		cs	CS Qty	Maint Qty	
313	Corrosio	n	AREAS OF SURFACE COR BEARING	RROSION THROUGHOU	JT BEAM 3	2	1		Each
515		ness (Steel e Coatings)	AREAS OF DETERIORATE BEAM 3 BEARING	D PAINT SYSTEM THR	OUGHOUT	3	1		1 Square Feet
	General Co	omments							

Span 3		Beam 4					
Plate Gird	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel O	pen Girder/Beam	55	41	5	0	9 Feet
515	Steel P	rotective Coating	446	422	0	10	14 Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty
107 Corros	sion	(PAR) CORROSION ALONG BOT BOTTOM FLANGE UP TO 38" LO 0.413" RESIDUAL WEB, AND 41" DOWN TO 0.485" RESIDUAL FLA	NG X 7" HIGH DOV LONG X 11 3/4" W	VN TO VIDE	4	4	4 Feet

Structure	Number: <u>160001</u>			Inspecti	on D	ate: 02/14/2022
107	Corrosion	(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 6" HIGH DOWN TO 0.342" RESIDUAL WEB, AND 39" LONG X 11 3/4" WIDE DOWN TO 0.505" RESIDUAL FLANGE AT BENT 2 BEARING		5	5	Feet
107	Corrosion	SURFACE CORROSION ALONG LEFT FACE OF WEB AND TOP OF BOTTOM FLANGE IN VARIOUS LOCATIONS	2	5		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 38" LONG X 7" HIGH IN WEB, AND 41" LONG X 11 3/4" WIDE IN FLANGE AT BENT 3 BEARING	4	4	4	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 6" HIGH IN WEB, AND 39" LONG X 11 3/4" WIDE IN FLANGE AT BENT 2 BEARING	4	10	10	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND TOP OF BOTTOM FLANGE IN VARIOUS LOCATIONS	3	10	10	Square Feet

Span 3	Near Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable Bearing	1	0	1	0	0 Each
515	Steel Protective Coating	1	0	0	1	0 Square Feet

Element Number	Dofoot Typo	Defect Description	cs	CS Qty	Maint Qty
311	Corrosion	AREAS OF SURFACE CORROSION THROUGHOUT BEAM 4 BEARING	2	1	Each
	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING	3	1	1 Square Feet

General Comments

General Comments

Movable Bearing

Spa	n 3	Far Bearin	ng					
Fixe	d Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS ² Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Element Number	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
313	Corrosion	AREAS OF SURFACE CORROS BEARING	SION THROUGHOUT I	BEAM 4	2	1	·	Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PA	AINT SYSTEM THROU	IGHOUT	3	1		1 Square Feet

Span 3		Beam 5						
Plate Gi	rder							
Element Number	Element I	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Bear	n	55	38	5	0	12 Feet	
515	Steel Protective Coating)	446	429	0	5	12 Square	Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

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107	Corrosion	(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 24" LONG X 13" HIGH DOWN TO 0.301" RESIDUAL WEB, AND 29" LONG X 11 3/4" WIDE DOWN TO .443" RESIDUAL FLANGE AT BENT 3 BEARING	4	3	3	Feet
107	Corrosion	(PAR) CORROSION AND EVIDENCE OF CORROSION BENEATH PAINT REPAIR ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 6" HIGH DOWN TO 0.429" RESIDUAL WEB, AND 90" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 2 BEARING	4	9	9	Feet
107	Corrosion	SURFACE CORROSION ALONG LEFT FACE OF WEB AND TOP OF BOTTOM FLANGE IN VARIOUS LOCATIONS	2	5		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 6" HIGH IN WEB, AND 90" LONG X 11 3/4" WIDE IN FLANGE AT BENT 2 BEARING	4	9	9	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 24" LONG X 13" HIGH IN WEB, AND 29" LONG X 11 3/4" WIDE IN FLANGE AT BENT 3 BEARING	4	3	3	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND TOP OF BOTTOM FLANGE IN VARIOUS LOCATIONS	3	5	5	Square Feet
	General Comments					

Spa	an 3		Near B	earing					
Mov	vable E	Bearing							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Elemer		efect Type	Defect	Description		cs	CS Qty	Maint Qty	
311	Corros	sion	AREAS OF SURFACE CORE	ROSION THROUGHOU	T BEAM 5	2	1	-	Each
515		veness (Steel tive Coatings)	AREAS OF DETERIORATED BEAM 5 BEARING	PAINT SYSTEM THRO	DUGHOUT	3	1		1 Square Feet
	General	Comments							

Spa	an 3		Far B	earing					
Fix	ed Bearing								
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Elemei Numbe	Dofoct	Туре	Defec	ct Description		cs	CS Qty	Maint Qty	
313	Corrosion		AREAS OF SURFACE COR BEARING	RROSION THROUGHOU	JT BEAM 5	2	1		Each
515	Effectivenes Protective C		AREAS OF DETERIORATE BEAM 5 BEARING	ED PAINT SYSTEM THR	OUGHOUT	3	1	•	1 Square Feet
	General Com	ments							

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Spai	n 3	Beam 6						
Plate	e Girder							
Elen Num 107	nber	Element Name I Open Girder/Beam	Total Qty 55	CS1 Qty 13	CS2 Qty 28	CS3 Qty	CS4 Qty 14 F	eet
515	Stee	Protective Coating	446	396	0	36	14 S	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
107	Corrosion	(PAR) CORROSION ALONG BOT BOTTOM FLANGE UP TO 20" LC 0.362" RESIDUAL WEB, AND 11' DOWN TO 0.543" RESIDUAL FLA	NG X 3" HIGH DOV LONG X 11 3/4" W	VN TO IDE	4	2	-	Feet
107	Corrosion	12' SECTION OF CORROSION AI AND BOTTOM FLANGE UP TO 4 MEASURABLE LOSS OF SECTION DOWN TO 0.623" RESIDUAL FLA BENT 2 CAP	" HIGH WITH NO ON IN WEB, AND 5"	WIDE	4	12	12	Feet
107	Corrosion	SURFACE CORROSION ALONG TOP OF BOTTOM FLANGE AT M		B AND	2	20		Feet
107	Corrosion	SURFACE CORROSION AND EV BENEATH PAINT REPAIR ALON AND BOTTOM FLANGE UP TO 9 WEB, AND 96" LONG X 11 3/4" V BEARING, CONDITION ON RIGH	G BOTH FACES OF 6" LONG X 24" HIG VIDE IN FLANGE AT	WEB H IN BENT 2	2	8		Feet
515	Effectiveness (Ste Protective Coating		OM FLANGE UP TO	4"	4	12	12	Square Feet
515	Effectiveness (Ste Protective Coating		TO 20" LONG X 3"	HIGH IN	4	2	2	Square Feet
515	Effectiveness (Ste Protective Coating		TO 96" LONG X 24	" HIGH	3	16	16	Square Feet
515	Effectiveness (Ste Protective Coating			E OF	3	20	20	Square Feet

Spa	an 3	Near Bear	ring					
Mov	vable Bearing							
Nui	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	0	1	0	Square Feet
Elemer	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
311	Corrosion	AREAS OF SURFACE CORROS	SION THROUGHOUT	BEAM 6	2	1		Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PA	AINT SYSTEM THROU	JGHOUT	3	1		1 Square Feet
	General Comments							

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Spa	an 3		Far B	earing					
Fix	ed Bearing	l							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Eleme	Dofoci	t Type	Defec	ct Description		cs	CS Qty	Maint Qty	
313	Corrosion		AREAS OF SURFACE COR BEARING	RROSION THROUGHO	UT BEAM 6	2	1		Each
515	Effectivene Protective		AREAS OF DETERIORATE BEAM 6 BEARING	ED PAINT SYSTEM THE	ROUGHOUT	3	1		1 Square Feet
	General Con	nments							

Spar	n 3	Expansion	Joint 2					
Stan	dard Joint							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pour	able Joint Seal	50	19	9	22	0 1	Feet
Element Number	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
301	Seal Adhesion	FULL DEPTH SEPARATION OF J BENT 2 JOINT IN VARIOUS LOC	•	LONG	3	22		Feet
301	Debris Impaction	DIRT AND DEBRIS ACCUMULAT IN BOTH SHOULDER	ION ALONG BENT	2 JOINT	2	9		Feet
(General Comments	1						

Spa	an 4	Deck						
Rei	nforced Concrete	Deck						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ed Concrete Deck	2,553	0	2,545	8	0 5	Square Feet
Eleme	Dofoot Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
12	Cracking (RC and Other)	58" X UP TO 1/8" DIAGONAL CRACK WESTBOUND LANE NEAR END BEN		CK IN	3	5	5	Square Feet
12	Delamination/Spall	(PAR) 15' X 11" X 3 1/2" DEEP SPALI REBAR IN TOP OF DECK IN WHEEL LANE AT BENT 3 JOINT			3	2	2	Square Feet
12	Delamination/Spall	11" X 4" X 2" DEEP SPALL IN TOP O SHOULDER AT BENT 3 JOINT	F DECK IN RIGI	НТ	3	1	1	Square Feet
12	Abrasion/Wear (PSC/RC)	SCALING WITH EXPOSED AGGREG. THROUGHOUT TRAVEL LANES	ATE IN TOP OF	DECK	2	1,662		Square Feet
12	Cracking (RC and Other)	UP TO 0.02" MAP CRACKS IN TOP CLOCATIONS	F DECK IN VAF	RIOUS	2	850	850	Square Feet
12	Cracking (RC and Other)	UP TO 0.035" TRANSVERSE CRACK TRAVEL LANES AT BENT 3 JOINT	S IN TOP OF DE	ECK IN	2	20	20	Square Feet
12	Cracking (RC and Other)	UP TO 0.035" TRANSVERSE CRACK TRAVEL LANES AT END BENT 2 FIL		ECK IN	2	13	13	Square Feet
	General Comments	TRAVEL LANES AT END BENT 2 FIL	L FACE					

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Spa	n 4	Left Bridge Rail						
Con	ncrete Railing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	55	32	23	0	0 F	eet
Elemen Numbe	Dofoot Typo	Defect Description	n		cs	CS Qty	Maint Qty	
331	Cracking (RC and Other)	UP TO 0.03" LONGITUDINAL AND VER TOP AND ENDS OF RAIL IN VARIOUS		KS IN	2	9		Feet
331	Delamination/Spall		1/2" X 2 1/2" X 1/4" DEEP SPALL WITH EXPOSED REBAR 2 1 EAST FACE OF RAIL POST NEAR MIDSPAN					
331	Delamination/Spall	4" X 1 1/2" X 2" SPALL IN TOP AND W APPROXIMATELY 17' FROM END BEN	-	,	2	1	1	Feet
331	Delamination/Spall	5" X 1 1/2" X 3/4" DEEP SPALL WITH E FACE OF END POST AT END BENT 2 I		BAR IN	2	1	1	Feet
331	Delamination/Spall	FIVE (5) SPALLS UP TO 4" X 4" X 1/4" RAIL POSTS IN VARIOUS LOCATIONS		E OF	2	5	5	Feet
331	Delamination/Spall	FIVE (5) SPALLS WITH EXPOSED REB 1/2" DEEP IN BOTTOM OF RAIL IN VAI			2	5	5	Feet
331	Exposed Rebar	TWO (2) AREAS OF EXPOSED REBAR EAST FACE OF RAIL POST AT BENT 3		2" IN	2	1	1	Feet
331	Cracking (RC and Other)	ON TOP OF CURB THROUGHOUT, LES	SS THAN 0.01	" WIDE	1			Feet

AGGREGATE EXPOSED BUT SECURE THROUGHOUT

Spa	an 4	Right Bridge	Rail					
Coi	ncrete Railing							
	ement mber Reinford	Element Name ced Concrete Bridge Railing	Total Qty 55	CS1 Qty 34	CS2 Qty 20	CS3 Qty	CS4 Qty 0 Feet	
Elemei Numbe	Dofoct Typo	Defect Descrip	tion		cs	CS Qty	Maint Qty	
331	Cracking (RC and Other)	AT END BENT 2 END RAIL, 1' LONG ALONG TOP OF RAIL	X UP TO 0.0625	" WIDE	3	1	1 Feet	
331	Cracking (RC and Other)	UP TO 0.05" LONGITUDINAL AND V TOP AND ENDS OF RAIL IN VARIOU		KS IN	2	18	Feet	
331	Delamination/Spall	THREE (3) SPALLS WITH EXPOSED 1/2" X 1/2" DEEP IN BOTTOM OF RA 14' FROM BENT 3 JOINT			2	2	2 Feet	
331	Cracking (RC and Other)	ON TOP OF CURB THROUGHOUT, I CRACKING WITH EFFLORESCENCI		" WIDE	1		Feet	
	General Comments							

AGGREGATE EXPOSED BUT SECURE THROUGHOUT

Spa	n 4		Beam 1						
Plat	e Girder								
Eler Nun	nent nber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel C	pen Girder/Beam	55	28	27	0	0	Feet
515		Steel P	rotective Coating	443	396	0	47	0	Square Feet
Elemen Numbe	Dofoct	Туре	Defect [Description		cs	CS Qty	Maint Qty	
107	Corrosion		AREAS OF SURFACE CORR AND BOTH FLANGES IN VAI		WEB	2	20		Feet
107	Corrosion		CORROSION WITH NO MEAS ALONG BOTH FACES OF WI TO 40" LONG X 4" HIGH IN V IN BOTTOM FLANGE AT ENI	EB AND BOTTOM FLAI VEB, AND 13" LONG X	NGE UP	2	4		Feet

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107	Corrosion	SURFACE CORROSION ALONG BOTH FACES OF WEB UP TO 34" LONG X 4" HIGH AT BENT 3 BEARING	2	3	F	eet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	40	40 S	quare Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 40" LONG X 4" HIGH IN WEB, AND 13" LONG X 5" WIDE IN BOTTOM FLANGE AT END BENT 2	3	4	4 S	quare Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG RIGHT FACE OF WEB UP TO 34" LONG X 4" HIGH AT BENT 3 BEARING	3	3	3 S	quare Feet

Spa	an 4	Near Bea	aring					
Мо	vable Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Mova	able Bearing	1	0	1	0	0	Each
515	Stee	Protective Coating	1	0	0	1	0	Square Feet
Eleme	Dofoct Typo	Defect D	escription		cs	CS Qty	Maint Qty	
311	Corrosion	AREAS OF SURFACE CORRO BEARING	SION THROUGHOUT	BEAM 1	2	1		Each
515	Effectiveness (Ste Protective Coating		PAINT SYSTEM THRO	UGHOUT	3	1		1 Square Feet
	General Comments	3						

Spa	an 4	Far Bearin	ng					
Fix	ed Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	1	0	Square Feet
Eleme Numb	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROU	JGHOUT BEAM 1 BE	ARING	2	1		Each
515	Effectiveness (Steel Protective Coatings		M THROUGHOUT BE	EAM 1	3	1		1 Square Feet
	General Comments							

Span	1 4	Beam 2						
Plate	Girder							
Elemo Numl 107	ber	Element Name Steel Open Girder/Beam	Total Qty 55	CS1 Qty 26	CS2 Qty 24	CS3 Qty 5	CS4 Qty	
515	;	Steel Protective Coating	443	389	0	44	10	Square Feet
Element Number	Defect T	ype Defect Desc	cription		cs	CS Qty	Maint Qty	
107	Corrosion	CORROSION ALONG BOTH FAC FLANGE UP TO 5' LONG X 6" HI MEASURABLE SECTION LOSS I 3/4" WIDE DOWN TO 5/8" RESID BEARING	GH WITH NO N WEB AND 5' LON	IG X 11	3	5		Feet
107								

~-						
07	Corrosion	UP TO 40" LONG X 5" WIDE AREAS OF SURFACE CORROSION ALONG BOTTOM FLANGE, AND 24" LONG X 2" HIGH IN RIGHT FACE OF WEB AT END BENT 2 BEARING	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 5' LONG X 6" HIGH IN WEB AND 5' LONG X 11 3/4" WIDE IN FLANGE AT BENT 3 BEARING	4	10	10	Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	40	40	Square Fee
515	Effectiveness (Steel Protective Coatings)	UP TO 40" LONG X 5" WIDE AREAS OF DETERIORATED PAINT SYSTEM ALONG BOTTOM FLANGE, AND 24" LONG X 2" HIGH IN RIGHT FACE OF WEB AT END BENT 2 BEARING	3	4	4	Square Feet

Spa	an 4		Nea	r Bearing						
Мо	vable E	Bearing								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing		1	0	1	0	0	Each
515		Steel Pro	tective Coating		1	0	0	1	0	Square Feet
Eleme		Defect Type	Def	ect Description			cs	CS Qty	Maint Qty	
311	Corro	sion	AREAS OF SURFACE C BEARING	ORROSION THRO	UGHOUT	BEAM 2	2	1		Each
515		iveness (Steel ctive Coatings)	AREAS OF DETERIORA BEAM 2 BEARING	TED PAINT SYSTE	M THRO	UGHOUT	3	1		1 Square Feet
	Genera	I Comments								

Spa	an 4	Far Bearin	g					
Fix	ed Bearing							
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed	Bearing	1	0	1	0	0	Each
515	Steel F	Protective Coating	1	0	0	1	0	Square Feet
Eleme	Dofoct Typo	Defect Dese	cription		cs	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROU	GHOUT BEAM 2 BE	ARING	2	1		Each
515	Effectiveness (Stee Protective Coatings		I THROUGHOUT BE	EAM 2	3	1		1 Square Feet
	General Comments							

Span Plate	4 Girder	Beam 3						
Eleme Numbe	er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Feed
107 515		eel Open Girder/Beam eel Protective Coating	55 443	41 417	12 0	0 24		Feet Square Feet
Element Number	Defect Typ	pe Defect Desc	cription		cs	CS Qty	Maint Qty	
107 C	corrosion	(PAR) CORROSION ALONG BOT BOTTOM FLANGE UP TO 14" LC 0.236" RESIDUAL WEB, AND 24 DOWN TO 0.200" RESIDUAL FLA	ONG X 8" HIGH DOV " LONG X 11 3/4" W	VN TO (IDE	4	2	2	2 Feet
107 C	orrosion	AREAS OF SURFACE CORROSI AND BOTH FLANGES IN VARIO		WEB	2	10		Feet

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107	Corrosion	UP TO 14" LONG X 5" WIDE AREAS OF SURFACE CORROSION ALONG BOTTOM FLANGE, AND 4" LONG X 3" HIGH IN LEFT FACE OF WEB AT END BENT 2 BEARING	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	UP TO 14" LONG X 5" WIDE AREAS OF DETERIORATED PAINT SYSTEM ALONG BOTTOM FLANGE, AND 4" LONG X 3" HIGH IN LEFT FACE OF WEB AT END BENT 2 BEARING	4	2	2	Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	20	20	Square Fee
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14" LONG X 8" HIGH IN WEB, AND 24" LONG X 11 3/4" WIDE IN FLANGE AT BENT 3 BEARING	3	4	4	Square Feet

Spa	ın 4	Near Bear	ing					
Mov	able Bearing							
	ment nber Movable	Element Name	Total Qty	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	
515		tective Coating	1	0	0	1	•	Square Feet
Elemen Numbe	Dofoct Type	Defect Des	cription		cs	CS Qty	Maint Qty	
311	Corrosion	AREAS OF SURFACE CORROS BEARING	ON THROUGHOUT	BEAM 3	2	1		Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PA BEAM 3 BEARING	INT SYSTEM THROU	JGHOUT	3	1		1 Square Feet
	General Comments							

Spa	an 4		Far Bearing	g					
Fix	ed Bearing	J							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Elemei Numbe	Dofoc	t Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion		SURFACE CORROSION THROUGH	SHOUT BEAM 3 BE	ARING	2	1		Each
515	Effectivene Protective		DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BE	EAM 3	3	1		1 Square Feet
	General Cor	nments							

Span 4		Beam 4						
Plate Gir	rder							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel C	pen Girder/Beam	55	36	10	0	9 Feet	
515	Steel P	rotective Coating	443	408	0	20	15 Square Feet	
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
107 Corr	osion	(PAR) CORROSION ALONG BO BOTTOM FLANGE UP TO 108" 0.393" RESIDUAL WEB, AND 10 DOWN TO 0.500" RESIDUAL FL	LONG X 20" HIGH D 3" LONG X 11 3/4" \	OWN TO WIDE	4	9	9 Feet	
107 Corr	osion	AREAS OF SURFACE CORROS AND BOTH FLANGES IN VARIO		WEB	2	10	Feet	

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515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 108" LONG X 20" HIGH IN WEB, AND 103" LONG X 11 3/4" WIDE IN FLANGE AT BENT 3 BEARING	4	15	15 Square Feet
515	Protective Coatings)	AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	20	20 Square Feet
	General Comments				

Spa	n 4	Near Bearin	g					
Mov	able Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
311	Corrosion	AREAS OF SURFACE CORROSIO BEARING	N THROUGHOUT	BEAM 4	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAIN BEAM 4 BEARING	T SYSTEM THROU	JGHOUT	3	1		1 Square Feet

Spa	n 4	Far Bearii	ng					
Fixe	ed Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Elemen Number	Dofoct Type	Defect Des	scription		cs	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROU	JGHOUT BEAM 4 BE	ARING	2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTE BEARING	M THROUGHOUT BE	AM 4	3	1		1 Square Feet
-	General Comments							

Cma	A	Daam F						
Spa	n 4	Beam 5						
Plat	e Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	55	34	12	0	9	Feet
515	Steel Pro	otective Coating	443	412	0	22	9	Square Feet
Elemen Numbe	Dofoct Type	Defect Description	on		cs	CS Qty	Maint Qty	
107	Corrosion	(PAR) CORROSION ALONG BOTH FA BOTTOM FLANGE UP TO 105" LONG 0.358" RESIDUAL WEB, AND 72" LON DOWN TO 0.459" RESIDUAL FLANGE	X 19" HIGH D IG X 11 3/4" W	OWN TO /IDE	4	9		9 Feet
107	Corrosion	AREAS OF SURFACE CORROSION TO AND BOTH FLANGES IN VARIOUS LO		WEB	2	10		Feet
107	Corrosion	UP TO 2' LONG X 5" WIDE AREA OF S CORROSION ALONG LEFT FACE OF END BENT 2 BEARING		NGE AT	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALO WEB AND BOTTOM FLANGE UP TO 1 IN WEB, AND 72" LONG X 11 3/4" WID BENT 3 BEARING	05" LONG X 1	19" HIGH	4	9		9 Square Feet

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515 Effectiveness (Steel Protective Coatings)

515 Effectiveness (Steel Protective Coatings)

516 Effectiveness (Steel Protective Coatings)

517 Effectiveness (Steel Protective Coatings)

518 Effectiveness (Steel Protective Coatings)

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519 Effectiveness (Steel Protective Coatings)

519 Effectiveness (Steel Protective Coatings)

520 Effectiveness (Steel Protective Coatings)

520 Effectiveness

Spa	n 4		Nea	r Bearing						
Mov	able	Bearing								
Elen Num			Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing		1	0	1	0	0	Each
515		Steel Pro	tective Coating		1	0	0	1	0	Square Feet
Elemen Number	-	Defect Type	De	fect Description			cs	CS Qty	Maint Qty	
311	Corr	osion	AREAS OF SURFACE C BEARING	ORROSION THROU	JGHOUT	BEAM 5	2	1		Each
515		ctiveness (Steel ective Coatings)	AREAS OF DETERIORA BEAM 5 BEARING	TED PAINT SYSTE	M THRO	UGHOUT	3	1		1 Square Feet
-	Gene	ral Comments								

Spai	n 4	Far Bearing	g					
Fixe	d Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Element Number	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROUGH	SHOUT BEAM 5 BE	ARING	2	1		Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM BEARING	THROUGHOUT BE	EAM 5	3	1		1 Square Feet
(General Comments							

Spa	n 4			Beam 6						
Plat	e Girder									
	ment nber	Steel Op	Element Name en Girder/Beam		Total Qty 55	CS1 Qty 0	CS2 Qty 38	CS3 Qty 10	CS4 Qty 7	=eet
515		Steel Pro	otective Coating		443	382	0	43	18	Square Feet
Elemen Numbe	Dofoot	Туре		Defect Description	n		cs	CS Qty	Maint Qty	
107	Corrosion		BOTTOM FLANGE 0.542" RESIDUAL	N ALONG BOTH FAC UP TO 18" LONG X WEB, AND 14" LONG FLANGE AT END B	7" HIGH DO\ 3 X 5" WIDE	NN TO DOWN	4	2	2	Feet
107	Corrosion			OTTOM FLANGE, F OM BENT 3, DOWN		MAINING	4	5	5	Feet
107	Corrosion		FACE OF WEB AN 3 1/2" HIGH WITH I WEB, AND 42" LOI	REAS OF CORROSION BOTTOM FLANGE NO MEASURABLE LING X 5" WIDE DOWN E, BEGINNING 12' F	E UP TO 56" I OSS OF SEC N TO 11/16"	LONG X CTION IN	3	10	10	Feet

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107	Corrosion	SURFACE CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 8" HIGH IN WEB AND 11 3/4" WIDE IN FLANGE	2	38		Feet
515	Effectiveness (Steel Protective Coatings)	10' SECTION OF AREAS OF DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 56" LONG X 3 1/2" HIGH IN WEB, AND 42" LONG X 5" WIDE IN FLANGE, BEGINNING 12' FROM END BENT 2 CAP	4	10	10	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT ON BOTTOM FLANGE, FULL WIDTH EXTENDING 5' FROM BENT 3	4	5	5	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18" LONG X 7" HIGH IN WEB, AND 14" LONG X 5" WIDE IN FLANGE AT END BENT 2 BEARING	4	3	3	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 8" HIGH IN WEB AND 11 3/4" WIDE IN FLANGE	3	43	43	Square Feet

Spa	an 4	Near Bea	ring					
Мо	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Elemer	Dofoct Typo	Defect De	escription		cs	CS Qty	Maint Qty	
311	Corrosion	AREAS OF SURFACE CORROBEARING	SION THROUGHOUT	BEAM 6	2	1		Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED P BEAM 6 BEARING	AINT SYSTEM THROU	JGHOUT	3	1		1 Square Feet
	General Comments							

Spa	n 4	Far Bearin	ng					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed	Bearing	1	0	1	0	0	Each
515	Steel	Protective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE CORROSION THROU	IGHOUT BEAM 6 BE	ARING	2	1		Each
515	Effectiveness (Ste Protective Coating		M THROUGHOUT BE	EAM 6	3	1		1 Square Feet
-	General Comments							

Span 4	pan 4		n Joint 3					
Standa	rd Joint							
Elemen Numbe	=	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourab	le Joint Seal	50	31	0	17	2 Feet	
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
301 Se	al Damage	13" SECTION OF MISSING JOIN 3 JOINT IN EASTBOUND LANE		BENT	4	2	2 Feet	

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301 Seal Adhesion FULL DEPTH SEPARATION OF JOINT MATERIAL 3 17 Feet THROUGHOUT BENT 3 JOINT IN VARIOUS LOCATIONS

End	l Bent 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	53	9	38	6	0 Feet	
Elemen Numbe	Dofoct Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	UP TO 1/16" LONGITUDINAL, VERT CRACKS IN TOP AND FACE OF CA AND BAY 4			3	6	6 Feet	
234	Cracking (RC and Other)	UP TO 0.05" LONGITUDINAL, VERT CRACKS WITH AND WITHOUT EFF AND FACE OF CAP AND BRACE PI BAYS 1 THRU 3 AND 5 THRU RIGH	LORESCENCE IN	N TOP	2	34	Feet	
234	Efflorescence/Rust Staining	44" X 14" AREA OF HAIRLINE MAP WIDE WITH EFFLORESCENCE IN F END			2	4	Feet	
	General Comments							_

WATER	PONDING	STAINS T	THROUGH	OUT CAP

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 Reinfo		ed Concrete Pier Cap 45 4		18	23	0 F	eet	
Elemer Numbe	Dofoot Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	BOTH FACES, UP TO 1/4" LONGITU HORIZONTAL CRACKS AND HAIRL AND WITHOUT EFFLORESCENCE WITH UP TO 8' X 31" AREAS OF DE THROUGHOUT CAP BENEATH BA	LINE MAP CRAC AND RUST STAI ELAMINATION		3	20	20	Feet
234	Cracking (RC and Other)	UP TO 1/8" LONGITUDINAL AND HO AND UP TO 0.02" MAP CRACKS WI EFFLORESCENCE THROUGHOUT	ITH AND WITHOU	UT	3	2	2	Feet
234	Exposed Rebar	PAR: TWO (2) SPALLS WITH EXPO 4" X 1" DEEP IN RIGHT END OF CA SECTION LOSS		TO 6" X	3	1	1	Feet
234	Cracking (RC and Other)	UP TO 0.04" LONGITUDINAL AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE THROUGHOUT IN VARIOUS LOCATIONS	H AND WITHOUT		2	18		Feet
	General Comments							

Bent	t 1	Pile 1					
Rein	forced Concrete	Column					
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinfor	ced Concrete Column	1	0	0	1	0 Each
lement lumber	Defeat Type	Defect Desc	ription		cs	CS Qty	Maint Qty
205	Cracking (RC and Other)	UP TO 14' X 1/8" VERTICAL CRA COLUMN AT WATER SURFACE			3	1	46 Each

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205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION: ABRASION TO 0.125 INCH FROM HIGHWATER MARK DOWN 2 FEET BELOW WATERLINE	2	Each
205	Cracking (RC and Other)	2 FEET OF HAIRLINE TO 0.0312 CRACKS FROM BOTTOM OF STRUT DOWN 4 FEET BELOW WATERLINE TO MUDLINE.	2	Each
205	Cracking (RC and Other)	UNDERWATER INSPECTION: 3 FEET OF HAIRLINE TO 0.125 INCH CRACKS FROM BOTTOM OF CAP DOWN 4 FEET BELOW WATERLINE TO MUDLINE ON FACES 1, 2, AND 3.	2	Each

General Comments

CRACKING IN TOP OF PILE BETWEEN 2 & 3 UP TO 1/4"

Ben	t 1	Pile 2						
Rei	nforced Concrete	Column						
	nent nber	Element Name	Total Qty	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	ach
	Keililoi	cea Concrete Column	ı	0	0	'	0 L	acii
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
205	Cracking (RC and Other)	36" X 1/16" VERTICAL CRACKS OF COLUMN, APPROXIMATELY CAP			3		3	Each
205	Cracking (RC and Other)	UNDERWATER INSPECTION: 4 F 0.125 INCH CRACKS FROM 15 F DOWN 4 FEET TO MUDLINE ON	EET ABOVE WATER		3		80	Each
205	Cracking (RC and Other)	UP TO 48" X 1/8" VERTICAL CRA COLUMN AT WATER SURFACE		JT	3	1	16	Each
205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION: AE FROM HIGHWATER MARK DOW WATERLINE		NCH	2			Each

Bent	Bent 1							
Rein	forced Concrete	Column						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinfor	ced Concrete Column	1	0	1	0	0 Each	
Element Number	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
205	Abrasion/Wear (PSC/RC)		DERWATER INSPECTION: ABRASION TO 0.125 INCH IM HIGHWATER MARK DOWN 2 FEET BELOW FERLINE		2		Each	
205	Cracking (RC and Other)	UP TO 8' X 0.03" VERTICAL CRA COLUMN	CKS THROUGHOU	Т	2	1	Each	
(General Comments							

End B	ent 1	Abutment										
Reinforced Concrete Abutment												
Elemer Numbe		Element Name		CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty					
215 Reinfor		ced Concrete Abutment	53	13	40	0	0	Feet				
Element Number Defect Type		e Defect Description			CS	CS Qty	Maint Qty					
	racking (RC and ther)	UP TO 0.03" LONGITUDINAL AND THROUGHOUT FACE OF CURTA 5		1 THRU	2	40		Feet				
Gei	neral Comments											

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Bent	2	Cap 1						
Rein	forced Concrete	Pier Cap						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
234	Reinford	ced Concrete Pier Cap	45	0	41	4	0 Fee	et
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	CRACKS IN SPAN 2 FACE AND	8" SECTION OF UP TO 1/16" HORIZONTAL AND MAP RACKS IN SPAN 2 FACE AND BOTTOM OF CAP, PPROXIMATELY 6' TO LEFT OF COLUMN 2				4 F	eet
	Cracking (RC and Other)	3' SECTION OF UP TO 0.04" HO CRACKS WITH RUST STAINING DELAMINATION IN SPAN 2 FAC 4	EA OF	2	3	F	eet	
	Cracking (RC and Other)	LEFT END, 1' LONG X UP TO 0. CRACK ON NEAR FACE WRAP		AL	2	1	F	eet
	Cracking (RC and Other)	LONGITUDINAL CRACKING IN	RIGHT END UP TO 1/	/16"	2	5	F	eet
234	Delamination/Spall	NEAR FACE, ABOVE COLUMN HIGH X 8" WIDE	2, DELAMINATED AF	REA 2'	2	1	F	eet
234	Efflorescence/Rust	RANDOM CRACKING UP TO 0.0	3" INTERMITTENT		2	31	F	eet

Ber	nt 2	Pile 1						
Rei	nforced Concrete	Column						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinfor	ced Concrete Column	1	0	0	1	0 Ea	ach
Elemer Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
205	Cracking (RC and Other)	UNDERWATER INSPECTION: 4 F INCH CRACKS FROM BOTTOM O BELOW WATERLINE TO MUDLINI	F CAP DOWN 4 FE		3		25	Each
205	Cracking (RC and Other)	UP TO 66" X 1/16" VERTICAL CR. COLUMN AT WATER SURFACE	ACKS THROUGHO	UT	3	1	24	Each
205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION: ABI FROM HIGHWATER MARK DOWN WATERLINE		NCH	2			Each
205	Cracking (RC and Other)	UP TO 0.02" VERTICAL CRACKS CRACKS WITH AND WITHOUT EI THROUGHOUT COLUMN		AP	2			Each

Ben	t 2	Pile 2						
Reir	forced Concrete	Column						
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinfor	ced Concrete Column	1	0	0	1	0 E	ach
Elemen Number	Dofoct Typo	Defect Description	on		cs	CS Qty	Maint Qty	
205	Cracking (RC and Other)	0.0.625 INCH CRACKS FROM BOTTO	UNDERWATER INSPECTION: 4 FEET OF HAIRLINE TO 0.0.625 INCH CRACKS FROM BOTTOM OF CAP DOWN 4 FEET BELOW WATERLINE TO MUDLINE ON ALL FACES.				25	Each
205	Cracking (RC and Other)	UP TO 18' X 1/16" VERTICAL CRACK COLUMN, CRACK IN SPAN 2 FACE S			3	1	72	Each
205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION: ABRAS FROM HIGHWATER MARK DOWN 2 F WATERLINE		NCH	2			Each

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General Comments

t 2	Pile 3						
nforced Concrete	Column						
ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinford	ced Concrete Column	1	0	0	1	0 E	ach
t r Defect Type	Defect Descrip	otion		cs	CS Qty	Maint Qty	
Cracking (RC and Other)							Each
Abrasion/Wear (PSC/RC)		IDERWATER INSPECTION: ABRASION TO 0.125 INCH OM HIGHWATER MARK DOWN 2 FEET BELOW					Each
Cracking (RC and Other)	VERTICAL CRACKS IN SOUTHWES	X" X 5" X 5" AREA OF DELAMINATION WITH UP TO 0.05" ERTICAL CRACKS IN SOUTHWEST CORNER OF					Each
Cracking (RC and Other)	0.0312 INCH CRACKS FROM 10 FE	ET ABOVE WATE		2			Each
Cracking (RC and Other)	UP TO 9' X 0.02" VERTICAL CRACE COLUMN	KS THROUGHOU	Т	2			Each
	nforced Concrete ment nber Reinforc t Defect Type Cracking (RC and Other) Abrasion/Wear (PSC/RC) Cracking (RC and Other) Cracking (RC and Other) Cracking (RC and Other) Cracking (RC and Other)	ment nber Reinforced Concrete Column Tt r Defect Type Cracking (RC and Other) Abrasion/Wear (PSC/RC) Cracking (RC and Other) Cracking (RC and Other) Cracking (RC and Other) UNDERWATER INSPECTION: ABRAY FROM HIGHWATER MARK DOWN 2 WATERLINE Cracking (RC and Other) UNDERWATER INSPECTION: ABRAY FROM HIGHWATER MARK DOWN 2 WATERLINE Cracking (RC and Other) UNDERWATER INSPECTION: 2 FEI OLUMN, APPROXIMATELY 3' FROM 10 FEI DOWN 5 FEET TO MUDLINE ON FAI Cracking (RC and UP TO 9' X 0.02" VERTICAL CRACKING	ment Element Name Qty Reinforced Concrete Column 1 tr Defect Type Defect Description Cracking (RC and Other) UP TO 8' X 1/16" VERTICAL CRACKS THROUGHOU COLUMN AT WATER SURFACE & UP TO CAP Abrasion/Wear (PSC/RC) UNDERWATER INSPECTION: ABRASION TO 0.125 II FROM HIGHWATER MARK DOWN 2 FEET BELOW WATERLINE Cracking (RC and Other) VERTICAL CRACKS IN SOUTHWEST CORNER OF COLUMN, APPROXIMATELY 3' FROM BOTTOM OF UNDERWATER INSPECTION: 2 FEET OF HAIRLINE: 0.0312 INCH CRACKS FROM 10 FEET ABOVE WATER DOWN 5 FEET TO MUDLINE ON FACES 1 AND 3. Cracking (RC and UP TO 9' X 0.02" VERTICAL CRACKS THROUGHOU	ment Element Name Qty Qty Reinforced Concrete Column 1 0 tr Defect Type Defect Description Cracking (RC and Other) UNDERWATER INSPECTION: ABRASION TO 0.125 INCH FROM HIGHWATER WARK DOWN 2 FEET BELOW WATERLINE. Cracking (RC and Other) UNDERWATER INSPECTION: ABRASION TO 0.05" VERTICAL CRACKS IN SOUTHWEST CORNER OF COLUMN, APPROXIMATELY 3' FROM BOTTOM OF CAP Cracking (RC and Other) UNDERWATER INSPECTION: 2 FEET OF HAIRLINE TO 0.0312 INCH CRACKS FROM 10 FEET ABOVE WATERLINE DOWN 5 FEET TO MUDLINE ON FACES 1 AND 3. Cracking (RC and UP TO 9' X 0.02" VERTICAL CRACKS THROUGHOUT	ment Element Name Qty Qty Qty Reinforced Concrete Column 1 0 0 tr Defect Type Defect Description CS Cracking (RC and Other) UNDERWATER INSPECTION: ABRASION TO 0.125 INCH FROM HIGHWATER WARK DOWN 2 FEET BELOW WATERLINE. Cracking (RC and Other) UNDERWATER INSPECTION: ABRASION TO 0.05" VERTICAL CRACKS IN SOUTHWEST CORNER OF COLUMN, APPROXIMATELY 3' FROM BOTTOM OF CAP Cracking (RC and Other) UNDERWATER INSPECTION: 2 FEET OF HAIRLINE TO 0.0312 INCH CRACKS FROM 10 FEET ABOVE WATERLINE DOWN 5 FEET TO MUDLINE ON FACES 1 AND 3. Cracking (RC and UP TO 9' X 0.02" VERTICAL CRACKS THROUGHOUT 2	ment Element Name Qty Qty Qty Qty Qty Qty Reinforced Concrete Column 1 0 0 1 It Defect Type Defect Description CS CS Qty Cracking (RC and Other) UNDERWATER INSPECTION: ABRASION TO 0.125 INCH PROM HIGHWATER WARK DOWN 2 FEET BELOW WATERLINE. Cracking (RC and Other) UNDERWATER INSPECTION: ABRASION TO 0.05" VERTICAL CRACKS IN SOUTHWEST CORNER OF COLUMN, APPROXIMATELY 3' FROM BOTTOM OF CAP Cracking (RC and Other) UNDERWATER INSPECTION: 2 FEET OF HAIRLINE TO 0.0312 INCH CRACKS IN SOUTHWEST CORNER OF COLUMN, APPROXIMATELY 3' FROM BOTTOM OF CAP Cracking (RC and Other) UNDERWATER INSPECTION: 2 FEET OF HAIRLINE TO 0.0312 INCH CRACKS FROM 10 FEET ABOVE WATERLINE DOWN 5 FEET TO MUDLINE ON FACES 1 AND 3. Cracking (RC and UP TO 9' X 0.02" VERTICAL CRACKS THROUGHOUT 2	ment Blement Name Qty

End Bent 2		Cap 1						
Rein	forced Concrete	Pier Cap						
Elen Num	ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	53	3	21	29	0 Feet	
Element Number	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)		P TO 1/16" LONGITUDINAL AND HORIZONTAL CRACKS I TOP AND FACE OF CAP BENEATH BAYS 1 AND 2			14	Feet	
234	Cracking (RC and Other)		P TO 5/16" LONGITUDINAL AND HORIZONTAL CRACKS I FACE OF CAP BENEATH BAYS 4 AND 5			15	Feet	
234	Cracking (RC and Other)	AND HAIRLINE MAP CRACKS W	FACE OF CAP BENEATH BAYS 4 AND 5 TO 0.016" LONGITUDINAL AND HORIZONTAL CRACKS ID HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN P AND FACE OF CAP AND BRACE PILE CAP AT LEFT			8	Feet	
234	Cracking (RC and Other)	UP TO 0.016" LONGITUDINAL AN AND HAIRLINE MAP CRACKS W TOP AND FACE OF CAP AT RIGH	ITH EFFLORESCEN		2	4	Feet	
234	Delamination/Spall	105" X 23" SECTION OF UP TO 2 SCALING WITH EXPOSED AGGR AND BRACE PILE CAP BENEATI	EGATE IN FACE O		2	9	9 Feet	

End E	Bent 2	Abutment						
Reinf	orced Concrete	Abutment						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinfor	ced Concrete Abutment	53	40	13	0	0 F	-eet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	UP TO 0.02" HORIZONTAL AND THROUGHOUT FACE OF CURTA		ГHRU	2	8	·	Feet

WATER PONDING AND STAINS THROUGHOUT CAP

Structure	Number: <u>160001</u>			Inspect	ion Date: 02/14/2022
215	Cracking (RC and Other)	UP TO 0.035" HORIZONTAL CRACKS AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN FACE OF CURTAIN WALL AT RIGHT END	2	3	Feet
215	Cracking (RC and Other)	UP TO 0.04" HORIZONTAL CRACKS AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN FACE OF CURTAIN WALL AT LEFT END	2	2	Feet

General Comments	
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Ben	nt 3		Cap 1						
Rei	nforced C	Concrete	Pier Cap						
	ment mber	Reinfor	Element Name ced Concrete Pier Cap	Total Qty 48	CS1 Qty 0	CS2 Qty 0	CS3 Qty 48	CS4 Qty 0 F	eet
Elemen Numbe	Dofo	ct Type	Defect Des	scription		cs	CS Qty	Maint Qty	
234	Other) AND HAIRLINE MA		AND HAIRLINE MAP CRACKING	ITUDINAL AND HORIZONTAL CRACKS AP CRACKING WITH AND WITHOUT E IN BOTTOM AND BOTH FACES OF CAP		3	48	48	Feet
	General Comments								

Pile ent er Steel Pile Steel Prof Defect Type Corrosion	Defect Description (PAR) CORROSION ALONG BOTH FLA		CS1 Qty 0	CS2 Qty 0 0	CS3 Qty 0 82	3 Maint	Each Square Feet
ent eer Steel Pile Steel Prot	tective Coating Defect Description (PAR) CORROSION ALONG BOTH FLA	Qty 1 85	Qty 0	Qty 0 0	Qty 0 82	Qty 1 3 Maint	
Steel Pile Steel Prof	tective Coating Defect Description (PAR) CORROSION ALONG BOTH FLA	Qty 1 85	Qty 0	Qty 0 0	Qty 0 82	Qty 1 3 Maint	
Steel Prof	Defect Description (PAR) CORROSION ALONG BOTH FLA	n	•	0	82	3 Maint	
Defect Type	Defect Description (PAR) CORROSION ALONG BOTH FLA	n	0			Maint	Square Feet
	(PAR) CORROSION ALONG BOTH FLA			cs	CS Qtv		
Corrosion		NOTE UD TO C			,	Qty	
		DUAL FLANGE SECTION LOSS	AT ON	4	1	•	1 Each
Corrosion	FLANGE UP TO 23" HIGH X 6" WIDE D	OWN TO 3/8"	NT	4		2	2 Each
Corrosion	AREAS OF SURFACE CORROSION AN THROUGHOUT PILE	ND PITTING		2			Each
Effectiveness (Steel Protective Coatings)				4	1		1 Square Feet
Effectiveness (Steel Protective Coatings)		== -	E OF	4	2	2	2 Square Feet
Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT SY PILE	STEM THROUG	SHOUT	3	82	82	2 Square Feet
Ei	orrosion ffectiveness (Steel rotective Coatings) ffectiveness (Steel rotective Coatings) ffectiveness (Steel	FAR FLANGE 4" WIDE X 1" HIGH ADJ. NEAR FLANGE OTROSION (PAR) CORROSION ALONG RIGHT ED FLANGE UP TO 23" HIGH X 6" WIDE D RESIDUAL FLANGE ABOVE CONCRE OTROSION AREAS OF SURFACE CORROSION AN THROUGHOUT PILE DETERIORATED PAINT SYSTEM ALO OTROSION MEAR FLANGE UP TO 23" HIGH X 6" W CONCRETE ENCASEMENT AREAS OF DETERIORATED PAINT SY OTROSION FIGECTIVE COATINGS AREAS OF DETERIORATED PAINT SY OTROSION OTROSION FOR THIS HIGH ADJ. NEAR FLANGE UP TO 23" HIGH X 6" W CONCRETE ENCASEMENT AREAS OF DETERIORATED PAINT SY OTROSION FILE	FAR FLANGE 4" WIDE X 1" HIGH ADJACENT TO CAP NEAR FLANGE OTROSION (PAR) CORROSION ALONG RIGHT EDGE OF NEAR FLANGE UP TO 23" HIGH X 6" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEME OTROSION AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE DETERIORATED PAINT SYSTEM ALONG BOTH FLAN UP TO 6" HIGH X 12" WIDE FLANGE AT BOTTOM OF DETERIORATED PAINT SYSTEM ALONG RIGHT EDG NEAR FLANGE UP TO 23" HIGH X 6" WIDE ABOVE CONCRETE ENCASEMENT AREAS OF DETERIORATED PAINT SYSTEM THROUGH OTROCHOMBONIC CONTROL OF THE CONTRO	(PAR) CORROSION ALONG RIGHT EDGE OF NEAR FLANGE UP TO 23" HIGH X 6" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE STREET OF COATINGS WP TO 6" HIGH X 12" WIDE FLANGE AT BOTTOM OF CAP FOR CONCRETE ENCASEMENT NEAR FLANGE UP TO 23" HIGH X 6" WIDE ABOVE CONCRETE ENCASEMENT AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT FOR COATINGS AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT FILE	FAR FLANGE 4" WIDE X 1" HIGH ADJACENT TO CAP AND NEAR FLANGE Orrosion (PAR) CORROSION ALONG RIGHT EDGE OF NEAR FLANGE UP TO 23" HIGH X 6" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 6" HIGH X 12" WIDE FLANGE AT BOTTOM OF CAP DETERIORATED PAINT SYSTEM ALONG RIGHT EDGE OF NEAR FLANGE UP TO 23" HIGH X 6" WIDE ABOVE CONCRETE ENCASEMENT AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT 3 PILE	FAR FLANGE 4" WIDE X 1" HIGH ADJACENT TO CAP AND NEAR FLANGE OTROSION (PAR) CORROSION ALONG RIGHT EDGE OF NEAR FLANGE UP TO 23" HIGH X 6" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT OTROSION AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 6" HIGH X 12" WIDE FLANGE AT BOTTOM OF CAP DETERIORATED PAINT SYSTEM ALONG RIGHT EDGE OF TOTECTIVE COATINGS NEAR FLANGE UP TO 23" HIGH X 6" WIDE ABOVE CONCRETE ENCASEMENT AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT 3 82 PILE	FAR FLANGE 4" WIDE X 1" HIGH ADJACENT TO CAP AND NEAR FLANGE Orrosion (PAR) CORROSION ALONG RIGHT EDGE OF NEAR 4 FLANGE UP TO 23" HIGH X 6" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT Orrosion AREAS OF SURFACE CORROSION AND PITTING 2 THROUGHOUT PILE ffectiveness (Steel rotective Coatings) UP TO 6" HIGH X 12" WIDE FLANGE AT BOTTOM OF CAP Ffectiveness (Steel rotective Coatings) NEAR FLANGE UP TO 23" HIGH X 6" WIDE ABOVE CONCRETE ENCASEMENT AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT 3 82 82 Fotective Coatings) PILE

Bent 3		Pile 2						
Steel Pil	e							
Element Number	Element N	ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile		1	0	0	0	1	Each
515	Steel Protective Coating		80	0	0	78	2	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>160001</u>			Inspectio	n D	ate: 02/14/2022
225	Corrosion	(PAR) CORROSION ALONG NEAR FLANGE UP TO 3" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE WITH 3/16" DIAMETER HOLE AT BOTTOM OF CAP UP TO 3" LONG	4	1	1	Each
225	Corrosion	CORROSION ALONG NEAR FLANGE UP TO 10" HIGH X 12" WIDE DOWN TO 7/16" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT, CONDITION IN RIGHT EDGE SHOWN IN PHOTOS	3		1	Each
225	Corrosion	AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE	2			Each
225	Corrosion	SURFACE CORROSION THROUGHOUT UP TO 12" WIDE X 10" HIGH PLATE REPAIRS WELDED TO BOTH FACES OF FAR FLANGE AT BOTTOM OF CAP (SEE PHOTO)	2			Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG NEAR FLANGE UP TO 10" HIGH X 12" WIDE ABOVE CONCRETE ENCASEMENT	4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG NEAR FLANGE UP TO 3" HIGH X 12" WIDE AT BOTTOM OF CAP	4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT PILE	3	77	77	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THROUGHOUT UP TO 12" WIDE X 10" HIGH PLATE REPAIRS WELDED TO BOTH FACES OF FAR FLANGE AT BOTTOM OF CAP	3	1	1	Square Feet

General Comments

UP TO 1/16" TRANSVERSE AND VERTICAL CRACKS IN ENCASEMENT

Ben	t 3	Pile 3						
Stee	el Pile							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	•	1	0	0	0	1 E	ach
515	Steel Pro	tective Coating	80	0	0	76	4 S	quare Feet
Element	Dofoot Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
225	Corrosion	(PAR) CORROSION ALONG BOTH HIGH X 12" WIDE DOWN TO 3/8" R ABOVE CONCRETE ENCASEMENT	ESIDUAL FLANGI		4	1	1	Each
225	Corrosion	AREAS OF SURFACE CORROSION THROUGHOUT PILE	I AND PITTING		2			Each
225	Corrosion	SURFACE CORROSION THROUGH 10" HIGH PLATE REPAIRS WELDE BOTTOM OF CAP			2			Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM A UP TO 17" HIGH X 12" WIDE ABOV ENCASEMENT		NGES	4	4	4	Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT PILE	SYSTEM THROU	GHOUT	3	75	75	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM T WIDE X 10" HIGH PLATE REPAIRS FLANGES AT BOTTOM OF CAP			3	1	1	Square Feet
(General Comments		MELDED 10 BO	IH				

UP TO 1/16" TRANSVERSE AND VERTICAL CRACKS IN ENCASEMENT

Bent 3		Pile 4						
Steel Pi	le							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pi	ile	1	0	0	0	1	Each
515	Steel P	rotective Coating	80	0	0	75	5	Square Feet
Element Number	Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	
225 Cor	rosion	(PAR) CORROSION ALONG BO HIGH X 12" WIDE, 100% SECTI ABOVE CONCRETE ENCASEM	ON LOSS ON FLANG		4	1		1 Each

Structure	Number: <u>160001</u>			Inspec	tion Date: 02/14/2022
225	Corrosion	(PAR) CORROSION ALONG BOTH FLANGES UP TO 5" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE AT BOTTOM OF CAP	4		1 Each
225	Corrosion	(PAR) FAR FLANGE DOWN TO KNIFE EDGE	4		2 Each
225	Corrosion	AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE	2		Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE ABOVE CONCRETE ENCASEMENT	4	4	4 Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 5" HIGH X 12" WIDE AT BOTTOM OF CAP	4	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT PILE	3	75	75 Square Feet

UP TO 1/16" TRANSVERSE AND VERTICAL CRACKS IN ENCASEMENT

General Comments

Ben	t 3	Pile 5						
Stee	el Pile							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
225	Steel Pile		1	0	0	0	-	Each
515	Steel Pro	tective Coating	80	0	0	74	6 5	Square Feet
Element Number	Dofoot Typo	Defect Descri	otion		cs	CS Qty	Maint Qty	
225	Corrosion	(PAR) CORROSION ALONG BOTH HIGH X 12" WIDE DOWN TO 3/16" ABOVE CONCRETE ENCASEMENT	RESIDUAL FLAN		4		1	Each
225	Corrosion	(PAR) CORROSION ALONG BOTH HIGH X 12" WIDE, 100% SECTION UP TO 2 1/2" WIDE X 1" HIGH HOL	LOSS ON FLANG	E WITH	4	1	2	Each
225	Corrosion	AREAS OF SURFACE CORROSION THROUGHOUT PILE	I AND PITTING		2			Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM A UP TO 11" HIGH X 12" WIDE ABOV ENCASEMENT		ANGES	4	4	4	Square Fee
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM A UP TO 24" HIGH X 12" WIDE AT BO		ANGES	4	2	2	Square Fee
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT	SYSTEM THROU	JGHOUT	3	74	74	Square Fee

UP TO 1/8" TRANSVERSE AND VERTICAL CRACKS IN ENCASEMENT

Ben	Bent 3		1	Pile 6						
Stee	el Pile									
Elen Num			Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225		Steel Pile			1	0	0	0	1	Each
515		Steel Protec	tive Coating		80	0	0	73	7	Square Feet
Element Number	Dofoot	Туре		Defect Description			cs	CS Qty	Maint Qty	
225	Corrosion	12	" WIDE DOWN TO	ALONG FAR FLANGE 0 3/16" RESIDUAL FLA 1' FROM BOTTOM OF C	NGE,	HIGH X	4			1 Each
TO 19" HIG SECTION II KNIFE'S EC UP TO 6" H		AR) CORROSION ALONG WEB AND BOTH FLANGES UP O 19" HIGH X 11" WIDE WITH NO MEASURABLE LOSS OF ECTION IN WEB, AND 19" HIGH X 12" WIDE DOWN TO WIFE'S EDGE RESIDUAL FLANGE WITH 2 LOCATIONS OF O TO 6" HIGH X 3" WIDE 100% LOSS OF SECTION ABOVE ONCRETE ENCASEMENT		OSS OF N TO ONS OF	4	1		2 Each		
225	Corrosion		REAS OF SURFAC	CE CORROSION AND P E	PITTING		2			Each

Structure	Number: <u>160001</u>			Inspec	tion D	ate: <u>02/14/2022</u>
225	Corrosion	SURFACE CORROSION THROUGHOUT UP TO 12" WIDE X 9" HIGH PLATE REPAIRS WELDED TO BOTH FLANGES AT BOTTOM OF CAP	2			Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG FAR FLANGE UP TO 5" HIGH X 12" WIDE, APPROXIMATELY 4' FROM BOTTOM OF CAP	4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG WEB AND BOTH FLANGES UP TO 19" HIGH X 11" WIDE IN WEB, AND 19" HIGH X 12" WIDE IN FLANGES ABOVE CONCRETE ENCASEMENT	4	6	6	Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT PILE	3	73	73	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THROUGHOUT UP TO 12" WIDE X 9" HIGH PLATE REPAIRS WELDED TO BOTH FLANGES AT BOTTOM OF CAP	3		1	Square Feet
	General Comments					

UP TO 1/4" TRANSVERSE AND VERTICAL CRACKS WITH AND WITHOUT EFFLORESCENCE IN ENCASEMENT

Ben	t 3	Pile 7						
Stee	el Pile							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pi	e	1	0	0	0	1 [Each
515	Steel Pr	otective Coating	80	0	0	75	5 \$	Square Feet
Elemen Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
225	Corrosion	(PAR) CORROSION ALONG BOT HIGH X 12" WIDE DOWN TO 1/4" ABOVE CONCRETE ENCASEME	RESIDUAL FLANG		4	1	2	Each
225	Corrosion	(PAR) CORROSION ALONG RIGHT EDGE OF FAR FLANGE UP TO 10" HIGH X 9" WIDE DOWN TO 1/4" RESIDUAL FLANGE, APPROXIMATELY 2' FROM BOTTOM OF CAP					1	Each
225	Corrosion	AREAS OF SURFACE CORROSIC THROUGHOUT PILE	ON AND PITTING		2			Each
225	Corrosion	SURFACE CORROSION THROUG 9" HIGH PLATE REPAIR WELDE FLANGE AT BOTTOM OF CAP			2			Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM UP TO 17" HIGH X 12" WIDE ABO ENCASEMENT		NGES	4	4	4	Square Feet
515	Effectiveness (Steel Protective Coatings)			GE OF	4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAIL	NT SYSTEM THROU	IGHOUT	3	74	74	Square Feet
515	Effectiveness (Steel Protective Coatings)			-	3	1	1	Square Feet
-	General Comments							

UP TO 3/8" TRANSVERSE AND VERTICAL CRACKS WITH AND WITHOUT EFFLORESCENCE IN ENCASEMENT

Bent 3		Pile 8						
Steel Pile								
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pi	le	1	0	0	0	1	Each
515	Steel P	rotective Coating	80	0	0	75	5	Square Feet
Element Number D	efect Type	Defec	t Description		cs	CS Qty	Maint Qty	
225 Corros	sion	(PAR) CORROSION ALON HIGH X 12" WIDE DOWN T FLANGE ABOVE CONCRE	O KNIFE'S EDGE RESIDU		4		-	2 Each

Structure	Structure Number: 160001 Inspection Date: 02/14/2022					
225	Corrosion	(PAR) CORROSION ALONG BOTH FLANGES UP TO 8" HIGH X 12" WIDE DOWN TO 1/8" RESIDUAL FLANGE AT BOTTOM OF CAP	4	1	1	Each
225	Corrosion	AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE	2			Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE ABOVE CONCRETE ENCASEMENT	4	4	4	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 8" HIGH X 12" WIDE AT BOTTOM OF CAP	4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT PILE	3	75	75	Square Feet

General Comments

UP TO 1/4" TRANSVERSE & VERTICAL CRACKS WITH & WITHOUT EFF IN ENCASEMENT. TOP 2' OF E FACE BEGINNING TO DELAMINATE

Ben	t 3	Pile 9						
Stee	el Pile							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile		1	0	0	0	1 E	ach
515	Steel Pro	tective Coating	80	0	0	74	6 S	quare Feet
Elemen Numbe	Dofoot Typo	Defect Descript	tion		cs	CS Qty	Maint Qty	
225	Corrosion	(PAR) CORROSION ALONG BOTH F HIGH X 12" WIDE DOWN TO 5/16" R ABOVE CONCRETE ENCASEMENT			4		1	Each
225	Corrosion	(PAR) CORROSION ALONG BOTH F HIGH X 12" WIDE, 100% SECTION LO UP TO 4" WIDE X 1 1/2" HIGH LOSS BOTTOM OF CAP	OSS ON FLANGE	WITH	4	1	2	Each
225	Corrosion	AREAS OF SURFACE CORROSION THROUGHOUT PILE	AND PITTING		2			Each
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM AL UP TO 12" HIGH X 12" WIDE ABOVE ENCASEMENT		GES	4	4	4	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM AL UP TO 20" HIGH X 12" WIDE AT BOT		GES	4	2	2	Square Feet
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT SPILE	SYSTEM THROUG	HOUT	3	74	74	Square Feet
-	General Comments							

UP TO 1/8" TRANSVERSE AND VERTICAL CRACKS WITH AND WITHOUT EFFLORESCENCE IN ENCASEMENT

Bent 3		Pile 10						
Stee	el Pile							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel	Pile	1	0	1	0	0	Each
515	Steel	Protective Coating	85	0	0	84	1	Square Feet
Element Number	Dofoct Typo	Defect Descr	ription		cs	CS Qty	Maint Qty	
225	Corrosion	CORROSION ALONG BOTH FLAN WIDE DOWN TO 7/16" RESIDUAL CAP			3			1 Each
225	Corrosion	AREAS OF SURFACE CORROSIC THROUGHOUT PILE	ON AND PITTING		2			Each
225	Corrosion	CORROSION IN SPAN 4 FACE OF HIGH X 2" WIDE WITH NO MEASI SECTION, APPROXIMATELY 12" ENCASEMENT	JRABLE LOSS OF		2	1		Each
515	Effectiveness (Ste Protective Coating			ANGES	4	1		1 Square Feet

Structure Number: 160001 Inspection Date: 02/14/20					
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT PILE	3	83	83 Square Feet
515	Effectiveness (Steel Protective Coatings)		3	1	1 Square Feet

General Comments

UP TO 0.03" TRANSVERSE AND VERTICAL CRACKS IN ENCASEMENT

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2553
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	55
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	55
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	55
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	55
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	55
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	55
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2553
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	55
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	55
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	55
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	55
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	55
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	55
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 2	Expansion Joint 1	Standard Joint	Pourable Joint Seal	50
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2553
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	55

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	55
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	55
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	55
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	55
Span 3	Beam 6	Plate Girder	Steel Open Girder/Beam	55
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 3	Expansion Joint 2	Standard Joint	Pourable Joint Seal	50
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2553
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	55
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	55
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	55
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	55
Span 4	Beam 5	Plate Girder	Steel Open Girder/Beam	55
Span 4	Beam 6	Plate Girder	Steel Open Girder/Beam	55
Span 4	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 4	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 4	Expansion Joint 3	Standard Joint	Pourable Joint Seal	50
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	45
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	

Elements Verfied

Location	Name	Component	Element Name	Amount
Bent 1	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Footing	Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	9
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	53
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	53
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	45
Bent 2	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Footing	Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	9
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	53
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	53
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	48
Bent 3	Pile 1	Steel Pile	Steel Pile	1
Bent 3	Pile 2	Steel Pile	Steel Pile	1
Bent 3	Pile 3	Steel Pile	Steel Pile	1
Bent 3	Pile 4	Steel Pile	Steel Pile	1
Bent 3	Pile 5	Steel Pile	Steel Pile	1
Bent 3	Pile 6	Steel Pile	Steel Pile	1
Bent 3	Pile 7	Steel Pile	Steel Pile	1
Bent 3	Pile 8	Steel Pile	Steel Pile	1
Bent 3	Pile 9	Steel Pile	Steel Pile	1
Bent 3	Pile 10	Steel Pile	Steel Pile	1

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 160001 Inspection Date: 02/14/2022

National Bridge Inventory Items

Item	Grade Scale	Grade	
Item 58: Deck	0 - 9 , N	5	Note:
Item 59: Superstructure	0 - 9 , N	4	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	6	For overall NBI coding grade, see cover sheet.
Item 62: Culvert	0 - 9 , N	N	
Item 71: Waterway Adequacy	0 - 9 , N	7	
Item 72: Approach Roadway Alignment	0 - 9 , N	8	

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	F	10212	3376
Drainage System	G, F, P, or C	P	21	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	Р	650	3352
Scour	G, F, P, or C	F		
Wingwall	G, F, P, or C	F	10	3350
Field Scour Evaluation		U		
Drift	G, F, P, or C	F	8	3366
Fender System	G, F, P, or C			
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	14
Traffic Control Time	Hours	8
Snooper Time	Hours	8
Ladder Used	YES/NO	N
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N
Portion of Structure in > 3' of water	YES/NO	Y

National Bridge and NC SMU Inspection Item Details

Structure Number: 160001 Inspection Date: 02/14/2022

Item Deck - Item 58 Grade 5 **Maint Code Qty.** 0 **Details DELAMINATION & SPALLING THROUGHOUT UNDERSIDE** SCALING WITH EXPOSED AGGREGATE IN TOP OF DECK THROUGHOUT TRAVEL LANES CRACKING THROUGHOUT TOP OF DECK Item Superstructure - Item 59 Grade 4 **Maint Code Qty.** 0 Details SIGNIFICANT AREAS OF CORROSION UP TO 100% SECTION LOSS THROUGHOUT SIGNIFICANT DETERIORATION IN PAINT SYSTEM THROUGHOUT Item Substructure - Item 60 Grade 5 Maint Code Qty. 0 Details SIGNIFICANT AREAS OF CORROSION UP TO 100% SECTION LOSS THROUGHOUT SIGNIFICANT DETERIORATION IN PAINT SYSTEM THROUGHOUT Channel and Channel Protection - Item 61 Maint Code **Qty.** 0 Item Grade 6 **Details SLUMPING ALONG ALL BANKS** Item **Deck Debris** Grade F Maint Code 3376 Qty. 10212 Details DECK DEBRIS, VEGETATION MOUNDS UP TO 3" DEEP EXTENDING 1' WIDE ALONG BOTH CURBS Item Drainage System Grade P Maint Code 3332 Qty. 21 (PAR) BRIDGE DRAINAGE, CLOGGED EITHER PARTIALLY OF FULLY WITH VEGETATION GROWTH. (16) ALONG Details RIGHT CURB & (5) ALONG LEFT CURB Grade P Slope Protection Maint Code 3352 Item **Qty.** 650 Details (PAR) SLOPE @ END BENT HAS EROSION AREA 5'x 8'x 4' DEEP UNDERMINING CAP BETWEEN BEAMS 1 & 2 (PAR) END BENT 1 SLOPE PROTECTION, SOIL ERODING UP TO 2.5' DEEP AGAINST GROUTING PAD ADJACENT TO CAP. RIP RAP SCATTERED ALONG BOTTOM OF SLOPE. (PAR) END BENT 1 SLOPE PROTECTION, UP TO 4" WIDE CRACK IN OUTSIDE EDGE CONCRETE CHUTE ADJACENT TO END BENT 1 RIGHT EDGE AND SETTLEMENT INTERMITTENT THROUGHOUT (PAR) END BENT 2 SLOPE PROTECTION, ALONG LEFT CONCRETE SHOOT; UP TO 3' DEEP X 8' LONG EROSION **OF SOIL** Item Drift Grade F Maint Code 3366 Qty. 8 Details DRIFT @ BENT 2 Item Grade F Maint Code Qty. 0 Details AT BENT 3, SCOUR HOLE AROUND ALL PILES, 50' LONG X 12' WIDE X UP TO 2.5' DEEP Item Wingwalls Grade F Maint Code 3350 **Qty.** 10

Details FAR RIGHT WING, 6" DIAMETER X 2" DEEP EDGE SPALL

FAR LEFT WING, 3" DIAMETER X 0.25" DEEP SPALL ON TOP OF WALL

NEAR RIGHT WING, 3' LONGITUDINAL CRACK 0.0625" WIDE AND 6" X 3" X 0.5" DEEP SPALL ALONG TOP OF WALL MAP CRACKING THROUGHOUT WING FACES LESS THAN 0.01" WIDE EFFLORESCENCE TYPICAL

Structure Number: 160001 Inspection Date: 02/14/2022

 Item
 Field Scour Evaluation
 Grade U
 Maint Code
 Qty. 0

 Details
 AT BENT 3, SCOUR HOLE AROUND ALL PILES, 50' LONG X 12' WIDE X UP TO 2.5' DEEP

 Item
 General Comments and Misc Items
 Grade P
 Maint Code
 Qty. 0

Details (PAR) GUARDRAIL DAMAGE AT NEAR LEFT APPROACH ADJACENT TO END TERMINATION, 50' SECTION IMPACTED

(PAR) AREAS OF 100% SECTION LOSS UP 17" X 3" AND BROKEN AND DETACHED CROSS BRACING INTERMITTENT THROUGHOUT BENT 3 $\,$

(PAR) STEEL DIAPHRAGM: SPAN 2 AT BENT 1 IN BAY 3, CORROSION ALONG TOP FLANGE UP TO 36" LONG X 1" WIDE WITH NO MEASURABLE LOSS OF SECTION, AND CORROSION ALONG BOTTOM FLANGE UP TO 22" X 3" DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 4" LONG X 1" WIDE LOSS OF SECTION NEAR MIDLENGTH

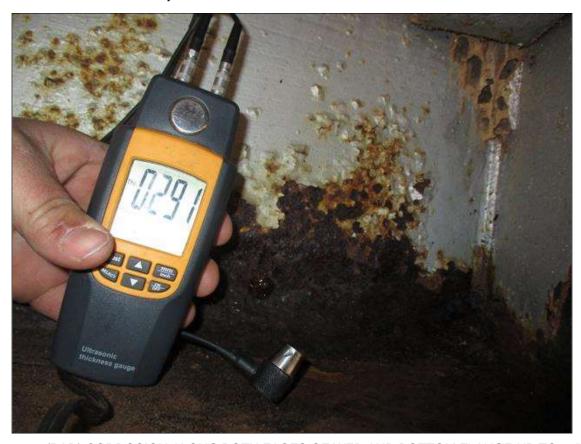
CONCRETE SWALE @ END BENT 1 ON LEFT SIDE IS UNDERMINED FOR ITS ENTIRE LENGTH



Span 1 Beam 2: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 39" LONG X 10" HIGH DOWN TO 0.3" RESIDUAL WEB, AND 35" LONG X 5" WIDE DOWN TO 0.48" RESIDUAL FLANGE AT BENT 1 BEARING



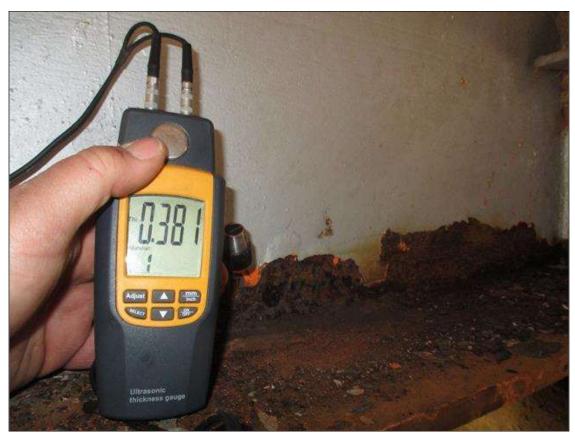
Span 1 Beam 2: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 39" LONG X 10" HIGH DOWN TO 0.3" RESIDUAL WEB, AND 35" LONG X 5" WIDE DOWN TO 0.48" RESIDUAL FLANGE AT BENT 1 BEARING



Span 1 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 24" HIGH DOWN TO 0.291" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.289" RESIDUAL FLANGE AT BEARING



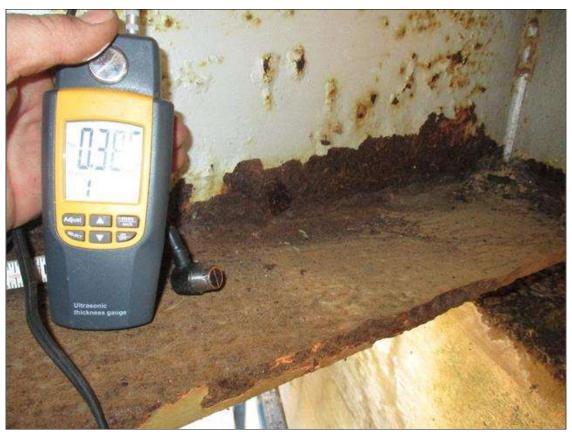
Span 1 Beam 4: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION BENEATH PAINT REPAIR IN WEB, AND 20" LONG X 5" WIDE DOWN TO .49" RESIDUAL FLANGE, APPROXIMATELY 4" FROM FACE OF BENT 1 BEARING



Span 1 Beam 5: (PAR) CORROSION AT BEAM END DOWN TO .38" IN LOWER WEB



Span 2 Beam 1: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 24" HIGH SURFACE CORROSION ON WEB, AND 36" LONG X 11 3/4" WIDE DOWN TO .431" RESIDUAL FLANGE AT BENT 2 BEARING



Span 2 Beam 1: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68" LONG X 10" HIGH DOWN TO 0.431" RESIDUAL WEB, AND 61" LONG X 11 3/4" WIDE DOWN TO 5/8" RESIDUAL FLANGE AT BENT 1 BEARING



Span 2 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 33" LONG X 6" HIGH DOWN TO 0.275" RESIDUAL WEB, AND 34" LONG X 5" WIDE DOWN TO .328" RESIDUAL FLANGE AT BENT 2 BEARING



Span 2 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 33" LONG X 6" HIGH DOWN TO 0.275" RESIDUAL WEB, AND 34" LONG X 5" WIDE DOWN TO .328" RESIDUAL FLANGE AT BENT 2 BEARING



Span 2 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 25" LONG X 24" HIGH DOWN TO RESIDUAL WEB WITH 3" X 3" LOSS OF SECTION, AND 24" LONG X 11 3/4" WIDE DOWN TO .177" RESIDUAL FLANGE AT BENT 2 BEARING



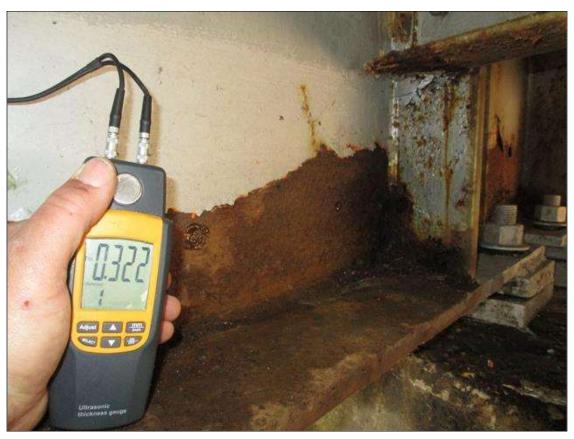
Span 2 Beam 3: (PAR) 100% SECTION LOSS FOR 7" LONG x 7" HIGH x 4" WIDE OVER BENT 2 BEARING



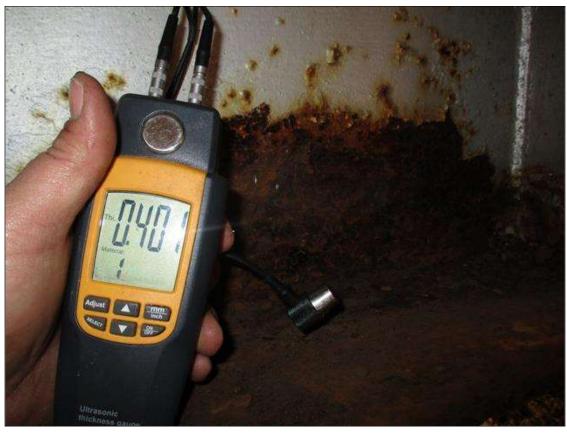
Span 2 Beam 4: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 60" LONG X 5" HIGH WITH DOWN TO 0.334" RESIDUAL WEB, AND 60" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING



Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 17" LONG X 3" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 6" WIDE DOWN TO .546" RESIDUAL FLANGE AT BENT 2 BEARING



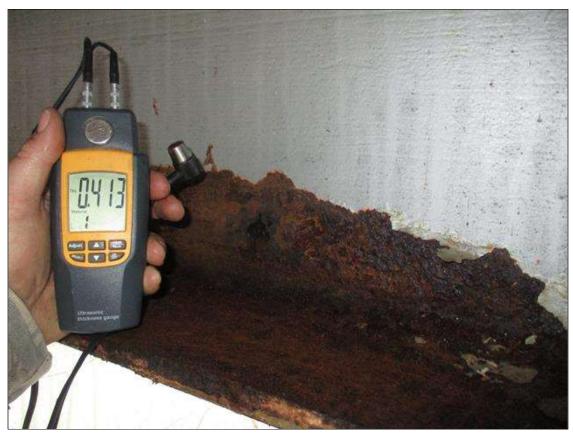
Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 55" LONG X 10" HIGH WITH DOWN TO 0.322" REMAINING RESIDUAL WEB AT BENT 1 BEARING



Span 3 Beam 1: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 5" HIGH DOWN TO 0.470" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.401" RESIDUAL FLANGE AT BENT 3 BEARING



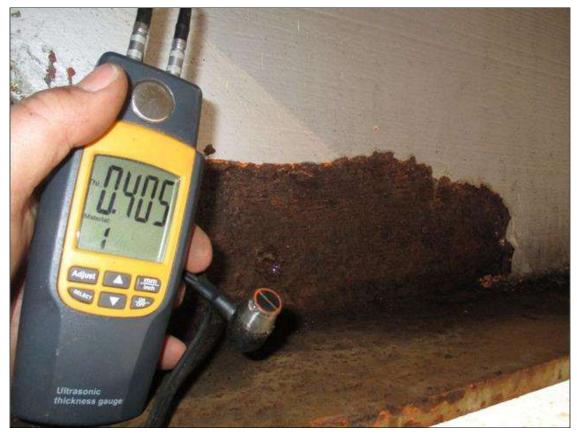
Span 3 Beam 1: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 5" HIGH DOWN TO 0.470" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.401" RESIDUAL FLANGE AT BENT 3 BEARING



Span 3 Beam 1: (PAR) INTERMITTENT FULL LENGTH, CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 5" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 5" WIDE IN BOTTOM OF MIDSPAN FLANGE WITH NO MEASURABLE SECTION LOSS



Span 3 Beam 1: (PAR) CORROSION EXTENDING 5' FROM BENT 2 WEB, 0.251" REMAINING UP 3" FROM FLANGE



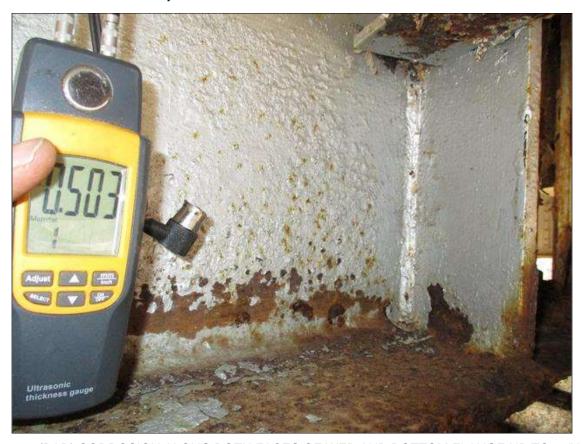
Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 12" LONG X 24" HIGH DOWN TO 0.405" RESIDUAL WEB AT END OF BEAM AT BENT 2



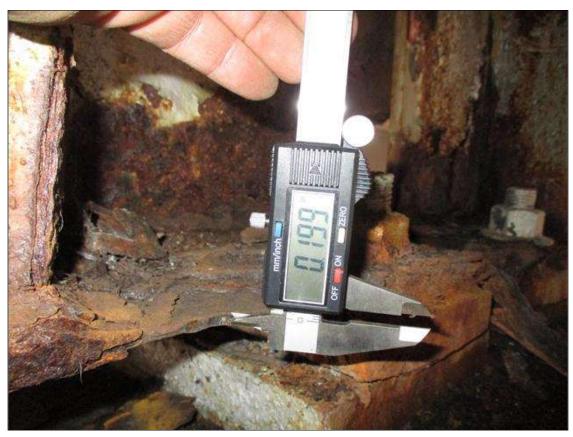
Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 32" LONG X 5" HIGH DOWN TO 0.212" RESIDUAL WEB, AND 34" LONG X 11 3/4" WIDE DOWN TO 0.350" RESIDUAL FLANGE AT BENT 3 BEARING



Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 32" LONG X 5" HIGH DOWN TO 0.212" RESIDUAL WEB, AND 34" LONG X 11 3/4" WIDE DOWN TO 0.350" RESIDUAL FLANGE AT BENT 3 BEARING



Span 3 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 15" LONG X 5" HIGH DOWN TO 0.503" RESIDUAL WEB, AND 18" LONG X 11 3/4" WIDE DOWN TO 0.199" RESIDUAL FLANGE AT BENT 3 BEARING



Span 3 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 15" LONG X 5" HIGH DOWN TO 0.503" RESIDUAL WEB, AND 18" LONG X 11 3/4" WIDE DOWN TO 0.199" RESIDUAL FLANGE AT BENT 3 BEARING



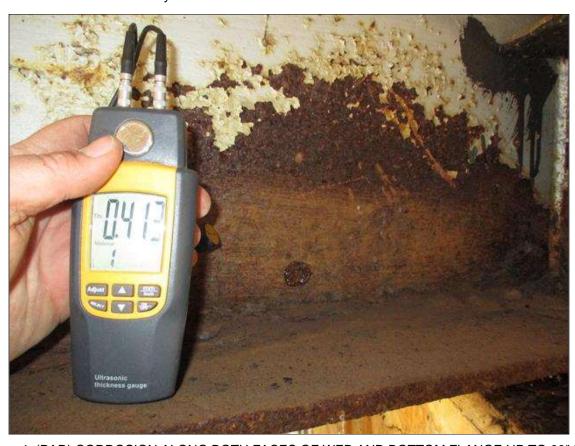
Span 3 Beam 3: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 72" LONG X 24" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 72" LONG X 11 1/2" WIDE DOWN TO 0.360" RESIDUAL FLANGE AT BENT 2 BEARING (SEE PHOTOS)



Span 3 Beam 3: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 72" LONG X 24" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 72" LONG X 11 1/2" WIDE DOWN TO 0.360" RESIDUAL FLANGE AT BENT 2 BEARING (SEE PHOTOS)



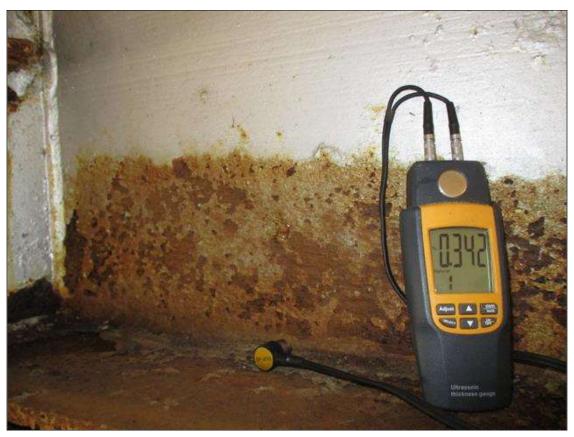
Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 38" LONG X 7" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 41" LONG X 11 3/4" WIDE DOWN TO 0.485" RESIDUAL FLANGE AT BENT 3 BEARING



Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 38" LONG X 7" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 41" LONG X 11 3/4" WIDE DOWN TO 0.485" RESIDUAL FLANGE AT BENT 3 BEARING



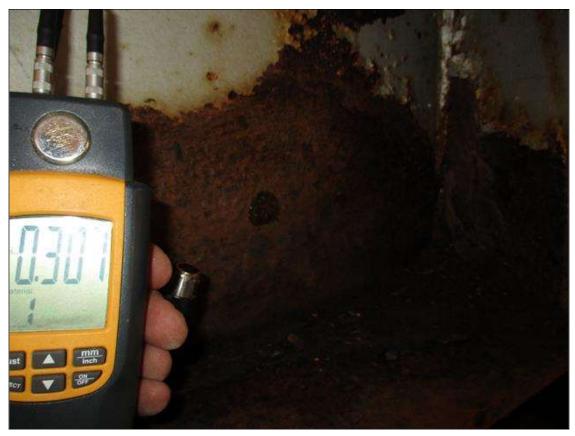
Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 6" HIGH DOWN TO 0.342" RESIDUAL WEB, AND 39" LONG X 11 3/4" WIDE DOWN TO 0.505" RESIDUAL FLANGE AT BENT 2 BEARING



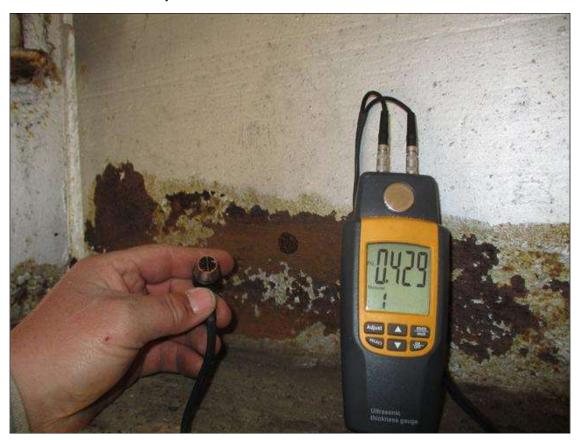
Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 6" HIGH DOWN TO 0.342" RESIDUAL WEB, AND 39" LONG X 11 3/4" WIDE DOWN TO 0.505" RESIDUAL FLANGE AT BENT 2 BEARING



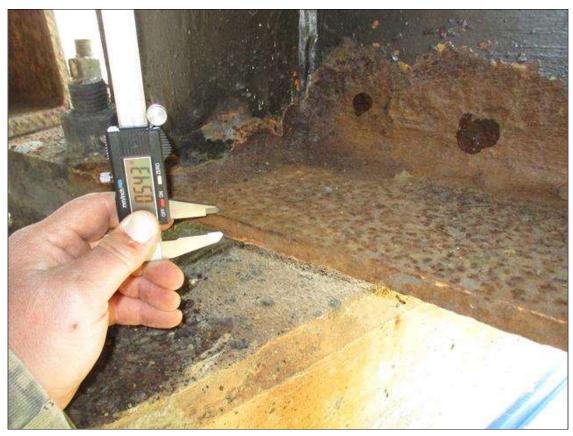
Span 3 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 24" LONG X 13" HIGH DOWN TO 0.301" RESIDUAL WEB, AND 29" LONG X 11 3/4" WIDE DOWN TO .443" RESIDUAL FLANGE AT BENT 3 BEARING



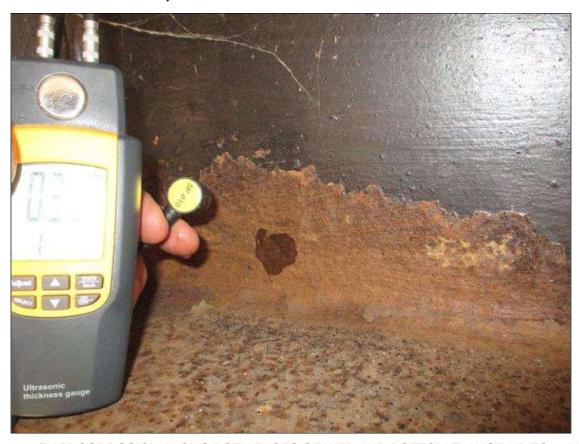
Span 3 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 24" LONG X 13" HIGH DOWN TO 0.301" RESIDUAL WEB, AND 29" LONG X 11 3/4" WIDE DOWN TO .443" RESIDUAL FLANGE AT BENT 3 BEARING



Span 3 Beam 5: (PAR) CORROSION AND EVIDENCE OF CORROSION BENEATH PAINT REPAIR ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 6" HIGH DOWN TO 0.429" RESIDUAL WEB, AND 90" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 2 BEARING



Span 3 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 20" LONG X 3" HIGH DOWN TO 0.362" RESIDUAL WEB, AND 11" LONG X 11 3/4" WIDE DOWN TO 0.543" RESIDUAL FLANGE AT BENT 3 BEARING



Span 3 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 20" LONG X 3" HIGH DOWN TO 0.362" RESIDUAL WEB, AND 11" LONG X 11 3/4" WIDE DOWN TO 0.543" RESIDUAL FLANGE AT BENT 3 BEARING



Span 3 Beam 6: 12' SECTION OF CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 4" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 5" WIDE DOWN TO 0.623" RESIDUAL FLANGE, BEGINNING 7' FROM BENT 2 CAP



Span 2 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 7" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 67" LONG X 11 1/2" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING



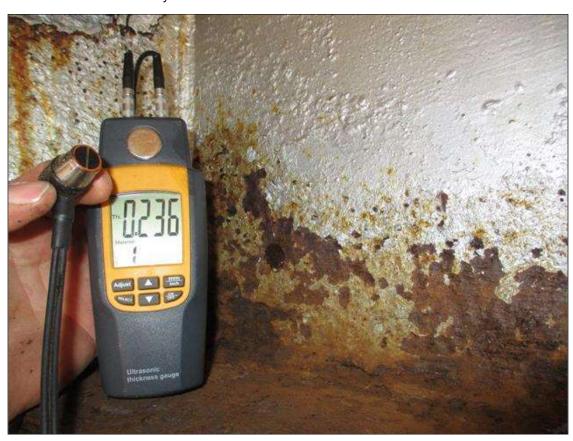
Span 2 Beam 6: CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 22" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 5" WIDE DOWN TO 0.550" RESIDUAL FLANGE AT BENT 2 BEARING



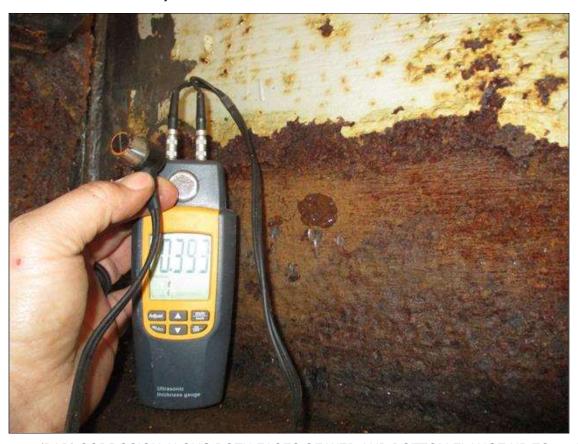
Span 4 Deck: (PAR) 15' X 11" X 3 1/2" DEEP SPALL WITH EXPOSED REBAR IN TOP OF DECK IN WHEEL LINE OF EASTBOUND LANE AT BENT 3 JOINT



Span 4 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14" LONG X 8" HIGH DOWN TO 0.236" RESIDUAL WEB, AND 24" LONG X 11 3/4" WIDE DOWN TO 0.200" RESIDUAL FLANGE AT BENT 3 BEARING



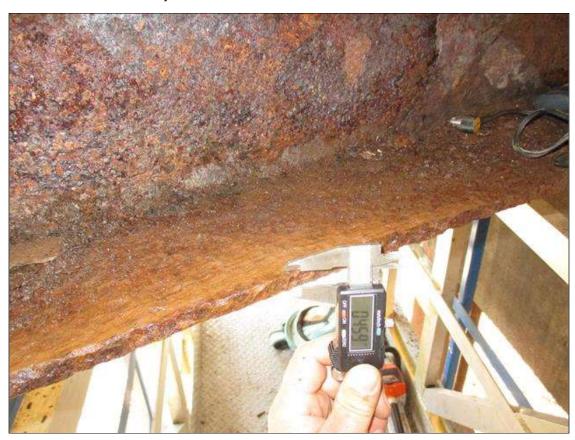
Span 4 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14" LONG X 8" HIGH DOWN TO 0.236" RESIDUAL WEB, AND 24" LONG X 11 3/4" WIDE DOWN TO 0.200" RESIDUAL FLANGE AT BENT 3 BEARING



Span 4 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 108" LONG X 20" HIGH DOWN TO 0.393" RESIDUAL WEB, AND 103" LONG X 11 3/4" WIDE DOWN TO 0.500" RESIDUAL FLANGE AT BENT 3 BEARING



Span 4 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 108" LONG X 20" HIGH DOWN TO 0.393" RESIDUAL WEB, AND 103" LONG X 11 3/4" WIDE DOWN TO 0.500" RESIDUAL FLANGE AT BENT 3 BEARING



Span 4 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 19" HIGH DOWN TO 0.358" RESIDUAL WEB, AND 72" LONG X 11 3/4" WIDE DOWN TO 0.459" RESIDUAL FLANGE AT BENT 3 BEARING



Span 4 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 19" HIGH DOWN TO 0.358" RESIDUAL WEB, AND 72" LONG X 11 3/4" WIDE DOWN TO 0.459" RESIDUAL FLANGE AT BENT 3 BEARING



Span 4 Beam 6: CORROSION ON BOTTOM FLANGE, FULL WIDTH EXTENDING 5' FROM BENT 3, DOWN TO 0622" REMAINING FLANGE DEPTH



Bent 3 Pile 1: (PAR) CORROSION ALONG BOTH FLANGES UP TO 6" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT BOTTOM OF CAP WITH UP TO 100% SECTION LOSS ON FAR FLANGE 4" WIDE X 1" HIGH ADJACENT TO CAP AND NEAR FLANGE



Bent 3 Pile 1: (PAR) CORROSION ALONG BOTH FLANGES UP TO 6" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT BOTTOM OF CAP WITH UP TO 100% SECTION LOSS ON FAR FLANGE 4" WIDE X 1" HIGH ADJACENT TO CAP AND NEAR FLANGE



Bent 3 Pile 1: (PAR) CORROSION ALONG RIGHT EDGE OF NEAR FLANGE UP TO 23" HIGH X 6" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT



Bent 3 Pile 2: (PAR) CORROSION ALONG NEAR FLANGE UP TO 3" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE WITH 3/16" DIAMETER HOLE AT BOTTOM OF CAP UP TO 3" LONG



Bent 3 Pile 2: (PAR) CORROSION ALONG NEAR FLANGE UP TO 3" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE WITH 3/16" DIAMETER HOLE AT BOTTOM OF CAP UP TO 3" LONG



Bent 3 Pile 3: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT



Bent 3 Pile 4: (PAR) CORROSION ALONG BOTH FLANGES UP TO 5" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE AT BOTTOM OF CAP



Bent 3 Pile 4: (PAR) FAR FLANGE DOWN TO KNIFE EDGE



Bent 3 Pile 5: (PAR) CORROSION ALONG BOTH FLANGES UP TO 24" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 2 1/2" WIDE X 1" HIGH HOLES AT BOTTOM OF CAP



Bent 3 Pile 6: (PAR) CORROSION ALONG FAR FLANGE UP TO 5" HIGH X 12" WIDE DOWN TO 3/16" RESIDUAL FLANGE, APPROXIMATELY 4' FROM BOTTOM OF CAP



Bent 3 Pile 6: (PAR) CORROSION ALONG WEB AND BOTH FLANGES UP TO 19" HIGH X 11" WIDE WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 19" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 2 LOCATIONS OF UP TO 6" HIGH X 3" WIDE 100% LOSS OF SECTION ABOVE CONCRETE ENCASEMENT



Bent 3 Pile 6: (PAR) CORROSION ALONG WEB AND BOTH FLANGES UP TO 19" HIGH X 11" WIDE WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 19" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 2 LOCATIONS OF UP TO 6" HIGH X 3" WIDE 100% LOSS OF SECTION ABOVE CONCRETE ENCASEMENT



Bent 3 Pile 7: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT



Bent 3 Pile 7: (PAR) CORROSION ALONG RIGHT EDGE OF FAR FLANGE UP TO 10" HIGH X 9" WIDE DOWN TO 1/4" RESIDUAL FLANGE, APPROXIMATELY 2' FROM BOTTOM OF CAP



Bent 3 Pile 8: (PAR) CORROSION ALONG BOTH FLANGES UP TO 8" HIGH X 12" WIDE DOWN TO 1/8" RESIDUAL FLANGE AT BOTTOM OF CAP



Bent 3 Pile 8: (PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT



Bent 3 Pile 9: (PAR) CORROSION ALONG BOTH FLANGES UP TO 12" HIGH X 12" WIDE DOWN TO 5/16" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT



Bent 3 Pile 9: (PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 4" WIDE X 1 1/2" HIGH LOSS OF SECTIONS AT BOTTOM OF CAP



Bent 3 Pile 9: (PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 4" WIDE X 1 1/2" HIGH LOSS OF SECTIONS AT BOTTOM OF CAP



(PAR) BRIDGE DRAINAGE, CLOGGED EITHER PARTIALLY OF FULLY WITH VEGETATION GROWTH. (16) ALONG RIGHT CURB & (5) ALONG LEFT CURB



(PAR) SLOPE @ END BENT HAS EROSION AREA 5'x 8'x 4' DEEP UNDERMINING CAP BETWEEN BEAMS 1 & 2



(PAR) SLOPE @ END BENT HAS EROSION AREA 5'x 8'x 4' DEEP UNDERMINING CAP BETWEEN BEAMS 1 & 2



(PAR) END BENT 2 SLOPE PROTECTION, ALONG LEFT CONCRETE CHUTE; UP TO 3' DEEP X 8' LONG EROSION OF SOIL



(PAR) GUARDRAIL DAMAGE AT NEAR LEFT APPROACH ADJACENT TO END TERMINATION, 50' SECTION IMPACTED



(PAR) AREAS OF 100% SECTION LOSS UP 17" X 3" AND BROKEN AND DETACHED CROSS BRACING INTERMITTENT THROUGHOUT BENT 3



(PAR) AREAS OF 100% SECTION LOSS UP 17" X 3" AND BROKEN AND DETACHED CROSS BRACING INTERMITTENT THROUGHOUT BENT 3



(PAR) AREAS OF 100% SECTION LOSS UP 17" X 3" AND BROKEN AND DETACHED CROSS BRACING INTERMITTENT THROUGHOUT BENT 3



(PAR) STEEL DIAPHRAGM: SPAN 2 AT BENT 1 IN BAY 3, CORROSION ALONG TOP FLANGE UP TO 36" LONG X 1" WIDE WITH NO MEASURABLE LOSS OF SECTION, AND CORROSION ALONG BOTTOM FLANGE UP TO 22" X 3" DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 4" LONG X 1" WIDE LOSS OF SECTION NEAR MIDLENGTH



Span 1 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 24" HIGH DOWN TO 0.291" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.289" RESIDUAL FLANGE AT BENT 1 BEARING



Span 1 Deck: UP TO 0.02" MAP CRACKS THROUGHOUT TOP OF DECK



Span 1 Deck: 1320 SQUARE FEET OF SCALING WITH EXPOSED AGGREGATE IN TOP OF DECK THROUGHOUT TRAVEL LANES



Span 1 Deck: UP TO 0.035" TRANSVERSE CRACKS IN TOP OF DECK IN TRAVEL LANES WITHIN 3' OF END BENT 1 FILL FACE



Span 1 Deck: UNDERSIDE, 17" X 12" AREA OF DELAMINATION IN BOTTOM OF LEFT OVERHANG AROUND DECK DRAIN AT BENT 1



Span 1 Deck: AT BENT 1 JOINT, 10" X 3" X 3" DEEP SPALL IN TOP OF DECK IN WHEEL LINE OF WESTBOUND LANE



Span 1 Deck: UNDERSIDE, 12" X 11" AREA OF DELAMINATION IN BOTTOM OF LEFT OVERHANG ABOVE BENT 1



Span 1 Left Bridge Rail: 5" X 3" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN EAST FACE OF END POST, APPROXIMATELY 3' FROM END BENT 1 FILL FACE



Span 1 Left Bridge Rail: THREE (3) SPALLS UP TO 6" X 3" X 1/2" DEEP IN FACE OF RAIL POSTS IN VARIOUS LOCATIONS



Span 1 Left Bridge Rail: 14 SPALLS WITH EXPOSED REBAR UP TO 6" X 4" X 3/4" DEEP IN BOTTOM OF RAIL IN VARIOUS LOCATIONS



Span 1 Left Bridge Rail: ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE



Span 1 Right Bridge Rail: 11" X 5" X 1/2" DEEP SPALL IN FACE OF RAIL, APPROXIMATELY 19' FROM END BENT 1 FILL FACE



Span 1 Right Bridge Rail: 4" X 2" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN EAST OF RAIL POST, APPROXIMATELY 9' FROM END BENT 1 FILL FACE



Span 1 Right Bridge Rail: UP TO 0.05" LONGITUDINAL, TRANSVERSE, VERTICAL AND MAP CRACKS IN TOP AND FACES OF RAIL IN VARIOUS LOCATIONS



Span 1 Right Bridge Rail: 3 1/2" X 3" X 1" DEEP SPALL IN TOP OF RAIL, APPROXIMATELY 18' FROM BENT 1 JOINT



TYPICAL CORROSION IN SPAN 1, BEAM 1 @ BENT 1



Span 1 Near Bearing: SURFACE CORROSION THROUGHOUT BEAM 1 BEARING



Span 1 Far Bearing: AREAS OF SURFACE CORROSION THROUGHOUT BEAM 1 BEARING



TYPICAL DETERIORATED PAINT SYSTEM SPAN 1, BEAM 2



Span 1 Beam 6: AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS



Span 2 Deck: UP TO 50" X 1/8" TRANSVERSE CRACKS IN TOP OF DECK IN EASTBOUND LANE AND RIGHT SHOULDER IN VARIOUS LOCATIONS



Span 2 Deck: UP TO 0.02" MAP CRACKS IN TOP OF DECK IN VARIOUS LOCATIONS



Span 2 Deck: 1320 SF OF SCALING WITH EXPOSED AGGREGATE IN TOP OF DECK THROUGHOUT TRAVEL LANES



Span 2 Deck: UP TO 0.04" TRANSVERSE CRACKS IN TOP OF DECK IN TRAVEL LANES AT BENT 2 JOINT



Span 2 Left Bridge Rail: UP TO 0.035" LONGITUDINAL AND VERTICAL CRACKS IN TOP AND ENDS OF RAIL IN VARIOUS LOCATIONS



Span 2 Left Bridge Rail: ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE



Span 2 Left Bridge Rail: FIVE (5) SPALLS UP TO 5" X 3 1/2" X 1/4" DEEP IN FACE OF RAIL POSTS IN VARIOUS LOCATIONS



Span 2 Left Bridge Rail: THREE (3) SPALLS WITH EXPOSED REBAR UP TO 5" X 3" X 3/4" DEEP IN BOTTOM OF RAIL IN VARIOUS LOCATIONS



Span 2 Right Bridge Rail: UP TO 0.02" LONGITUDINAL CRACKS IN TOP OF RAIL IN VARIOUS LOCATIONS



Span 2 Right Bridge Rail: SPALLS WITH EXPOSED REBAR UP TO 5" X 3" X 1/2" DEEP IN BOTTOM OF RAIL AND OUTSIDE FACES OF POSTS INTERMITTENT THROUGHOUT



Span 2 Right Bridge Rail: TWO (2) SPALLS WITH EXPOSED REBAR UP TO 5" X 1 1/2" X 1/4" DEEP IN EAST FACE OF RAIL POST NEAR MIDSPAN



Span 2 Right Bridge Rail: ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE



TYPICAL CORROSION (SPAN 2, BEAM 1)



Span 2 Beam 1 - Protective System: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68" LONG X 10" HIGH IN WEB, AND 61" LONG X 11 3/4" WIDE IN FLANGE AT BENT 1 BEARING



CONCRETE DIAPHRAGM, LEFT SIDE OF SPAN 2 BEAM 1 AT BENT 1, 12" LONG X 0.75" DEEP SPALL WITH EXPOSED REBAR WITH ACTIVE SECTION LOSS



TYPICAL DETERIORATED PAINT SYSTEM (SPAN 2, BEAM 2)



Span 2 Beam 3: SURFACE CORROSION THROUGHOUT 24" LONG X 5" WIDE X 6" HIGH PLATE REPAIR WELDED TO RIGHT FACE OF WEB AND BOTTOM FLANGE AT BENT 1 ON BOTH SIDES



Span 2 Beam 3 - Protective System: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 25" LONG X 24" HIGH IN WEB, AND 24" LONG X 11 3/4" WIDE IN FLANGE AT BENT 2 BEARING



Span 2 Beam 3 - Near Bearing - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 3 BEARING



Span 2 Beam 3 - Far Bearing - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 3 BEARING



TYPICAL SURFACE CORROSION (SPAN 2, BEAM 4)



Span 2 Beam 4 - Protective System: DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 60" LONG X 5" HIGH IN WEB, AND 60" LONG X 11 3/4" WIDE IN FLANGE AT BENT 1 BEARING



Span 2 Beam 4 - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS



Span 2 Beam 4 - Near Bearing - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING



Span 2 Beam 4 - Far Bearing - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING



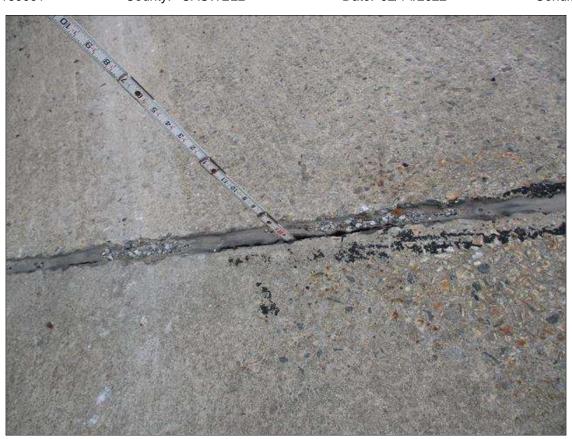
TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (SPAN 2, BEAM 5)



TYPICAL SURFACE OF CORROSION & DETERIORATED PAINT SYSTEM (SPAN 2, BEAM 6)



TYPICAL DETERIORATED PAINT SYSTEM (SPAN 2, BEAM 6)



FULL DEPTH SEPARATION OF JOINT MATERIAL IN VARIOUS LOCATIONS (TYPICAL OF ALL JOINTS)



DIRT AND DEBRIS ACCUMULATION ALONG JOINT IN BOTH SHOULDERS (TYPICAL OF ALL JOINTS)



Span 3 Deck: UP TO 0.02" MAP CRACKS IN TOP OF DECK IN VARIOUS LOCATIONS



Span 3 Deck: 31" X 1/8" TRANSVERSE CRACK IN TOP OF DECK IN WESTBOUND LANE, APPROXIMATELY 14' FROM BENT 3 JOINT



Span 3 Deck: SCALING WITH EXPOSED AGGREGATE IN TOP OF DECK THROUGHOUT TRAVEL LANES



Span 3 Deck: 12"x 12"x 1" SPALL WITH EXPOSED REBAR BENT 3, LEFT SIDE, UNDERSIDE OF DECK



Span 3 Left Bridge Rail: UP TO 0.035" LONGITUDINAL AND VERTICAL CRACKS IN TOP AND ENDS OF RAIL IN VARIOUS LOCATIONS



Span 3 Left Bridge Rail: ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE



Span 3 Left Bridge Rail: WITHIN 8' OF BENT 3 JOINT, (3) 3" DIAMETER X 0.25" DEEP SPALLS WITH EXPOSED REBAR UNDER RAILING



Span 3 Right Bridge Rail: SPALLS WITH EXPOSED REBAR UP TO 6" X 4" X 1/4" DEEP IN BOTTOM OF RAIL IN VARIOUS LOCATIONS



Span 3 Right Bridge Rail: ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE



Span 3 Right Bridge Rail: UP TO 0.03" LONGITUDINAL AND VERTICAL CRACKS IN TOP AND ENDS OF RAIL IN VARIOUS LOCATIONS



Span 3 Right Bridge Rail: THREE (3) SPALLS UP TO 4" X 3 1/2" X 1/4" DEEP IN FACE OF RAIL AND RAIL POSTS IN VARIOUS LOCATIONS



TYPICAL DETERIORATED PAINT SYSTEM (SPAN 3, BEAM 1)



Span 3 Beam 1 - Near Bearing - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BENT 1 BEARING



Span 3 Beam 1 - Far Bearing - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 1 BEARING



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (SPAN 3, BEAM 2)



Span 3 Beam 3 - Protective System: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 15" LONG X 5" HIGH IN WEB, AND 18" LONG X 11 3/4" WIDE IN FLANGE AT BENT 3 BEARING



TYPICAL DETERIORATED PAINT SYSTEM (SPAN 3, BEAM 4)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (SPAN 3, BEAM 5)



TYPICAL DETERIORATED PAINT SYSTEM (SPAN 3, BEAM 5)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM IN BEARINGS & BEAMS (SPAN 3, BEAMS 5 $\,$ & 6)



Span 3 Beam 5 - Far Bearing - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 5 BEARING



TYPICAL DETERIORATED PAINT SYSTEM (SPAN 3, BEAM 6)



Span 4 Deck: 58" X UP TO 1/8" DIAGONAL CRACK IN TOP OF DECK IN WESTBOUND LANE NEAR END BENT 2 FILL FACE



Span 4 Deck: SCALING WITH EXPOSED AGGREGATE IN TOP OF DECK THROUGHOUT TRAVEL LANES



Span 4 Deck: UP TO 0.035" TRANSVERSE CRACKS IN TOP OF DECK IN TRAVEL LANES AT BENT 3 JOINT



Span 4 Deck: 11" X 4" X 2" DEEP SPALL IN TOP OF DECK IN RIGHT SHOULDER AT BENT 3 JOINT



Span 4 Left Bridge Rail: UP TO 0.03" LONGITUDINAL AND VERTICAL CRACKS IN TOP AND ENDS OF RAIL IN VARIOUS LOCATIONS



Span 4 Left Bridge Rail: 4 1/2" X 2 1/2" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN EAST FACE OF RAIL POST NEAR MIDSPAN



Span 4 Left Bridge Rail: 4" X 1 1/2" X 2" SPALL IN TOP AND WEST END OF RAIL, APPROXIMATELY 17' FROM END BENT 2 FILL FACE



Span 4 Left Bridge Rail: FIVE (5) SPALLS UP TO 4" X 4" X 1/4" DEEP IN FACE OF RAIL POSTS IN VARIOUS LOCATIONS



Span 4 Left Bridge Rail: FIVE (5) SPALLS WITH EXPOSED REBAR UP TO 5" X 4" X 1/2" DEEP IN BOTTOM OF RAIL IN VARIOUS LOCATIONS



Span 4 Left Bridge Rail: ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE



Span 4 Right Bridge Rail: ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE



Span 4 Right Bridge Rail: THREE (3) SPALLS WITH EXPOSED REBAR UP TO 5" X 3 1/2" X 1/2" DEEP IN BOTTOM OF RAIL, APPROXIMATELY 14' FROM BENT 3 JOINT



Span 4 Right Bridge Rail: UP TO 0.05" LONGITUDINAL AND VERTICAL CRACKS IN TOP AND ENDS OF RAIL IN VARIOUS LOCATIONS



Span 4 Right Bridge Rail: AT END BENT 2 END RAIL, 1' LONG X UP TO 0.0625" WIDE ALONG TOP OF RAIL



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (SPAN 4, BEAM 1)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (SPAN 4, BEAM 2)



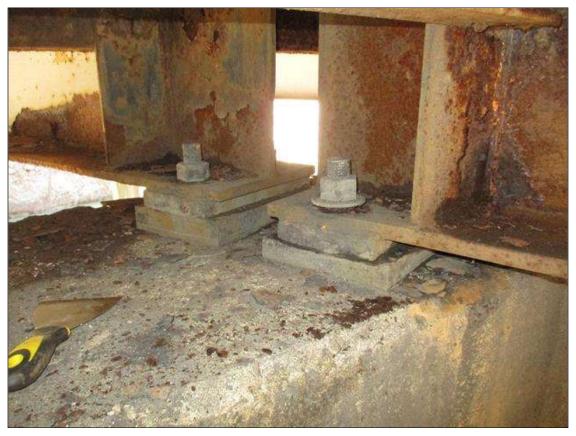
TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (SPAN 4, BEAM 3)



TYPICAL DETERIORATED PAINT SYSTEM (SPAN 4, BEAM 4)



Span 4 Beam 4 - Near Bearing - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING



Span 4 Beam 4 - Far Bearing - Protective System: DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (SPAN 4, BEAM 5)



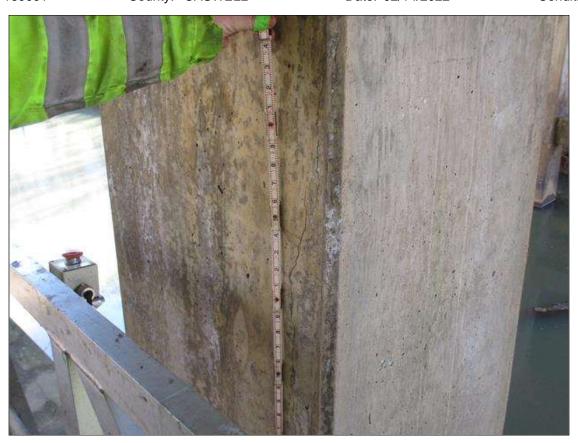
TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (SPAN 4, BEAM 6)



TYPICAL LONGITUDINAL, HORIZONTAL, MAP CRACKING & EXPOSED REBAR (BENT 1, CAP 1)



Bent 1 Cap 1: BOTH FACES, UP TO 1/4" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKS WITH AND WITHOUT EFFLORESCENCE AND RUST STAINING WITH UP TO 8' X 31" AREAS OF DELAMINATION THROUGHOUT CAP BENEATH BAYS 2 THRU 4



Bent 1 Pile 1: UP TO 14' X 1/8" VERTICAL CRACKS THROUGHOUT COLUMN AT WATER SURFACE & UP TO CAP



CRACKING IN TOP OF PILE BETWEEN 2 & 3 UP TO 1/4"



Bent 1 Pile 2: UP TO 48" X 1/8" VERTICAL CRACKS THROUGHOUT COLUMN AT WATER SURFACE



Bent 1 Pile 3: UP TO 8' X 0.03" VERTICAL CRACKS THROUGHOUT COLUMN



End Bent 1 Abutment: UP TO 0.03" LONGITUDINAL AND MAP CRACKS THROUGHOUT FACE OF CURTAIN WALL IN BAYS 1 THRU 5



End Bent 1 Abutment: UP TO 0.03" LONGITUDINAL AND MAP CRACKS THROUGHOUT FACE OF CURTAIN WALL IN BAYS 1 THRU 5



Bent 2 Cap 1: 48" SECTION OF UP TO 1/16" HORIZONTAL AND MAP CRACKS IN SPAN 2 FACE AND BOTTOM OF CAP, APPROXIMATELY 6' TO LEFT OF COLUMN 2



Bent 2 Cap 1: NEAR FACE, ABOVE COLUMN 2, DELAMINATED AREA 2' HIGH X 8" WIDE



Bent 2 Cap 1: LONGITUDINAL CRACKING IN RIGHT END UP TO 1/16"



Bent 2 Pile 1: UP TO 0.02" VERTICAL CRACKS AND HAIRLINE MAP CRACKS WITH AND WITHOUT EFFLORESCENCE THROUGHOUT COLUMN



Bent 2 Pile 2: UP TO 18' X 1/16" VERTICAL CRACKS THROUGHOUT COLUMN, CRACK IN SPAN 2 FACE SHOWN IN PHOTO



Bent 2 Pile 3: UP TO 8' X 1/16" VERTICAL CRACKS THROUGHOUT COLUMN AT WATER SURFACE & UP TO CAP



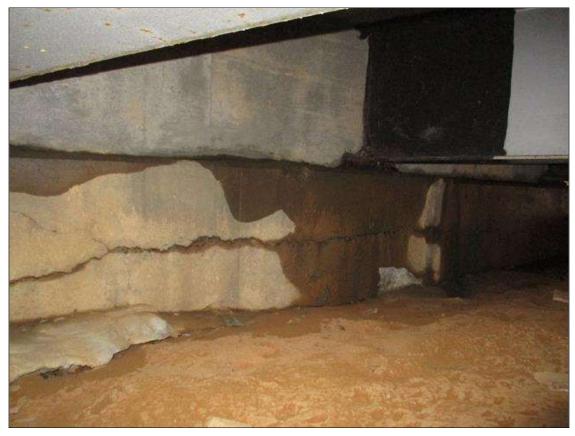
Bent 2 Pile 3: 22" X 5" X 5" AREA OF DELAMINATION WITH UP TO 0.05" VERTICAL CRACKS IN SOUTHWEST CORNER OF COLUMN, APPROXIMATELY 3' FROM BOTTOM OF CAP



End Bent 2 Cap 1: UP TO 5/16" LONGITUDINAL AND HORIZONTAL CRACKS IN FACE OF CAP BENEATH BAYS 4 AND 5



End Bent 2 Cap 1: 105" X 23" SECTION OF UP TO 22" X 20" AREAS OF SCALING WITH EXPOSED AGGREGATE IN FACE OF CAP AND BRACE PILE CAP BENEATH BAY 3



End Bent 2 Cap 1: UP TO 0.016" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN TOP AND FACE OF CAP AND BRACE PILE CAP AT LEFT END



End Bent 2 Abutment: UP TO 0.02" HORIZONTAL AND MAP CRACKS THROUGHOUT FACE OF CURTAIN WALL IN BAYS 1 THRU 5



HORIZONTAL CRACKS AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN FACE OF CURTAIN WALL (TYPICAL END BENT 2 ABUTMENT)



Bent 3 Cap 1: UP TO 1/4" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN BOTTOM AND BOTH FACES OF CAP



Bent 3 Cap 1: UP TO 1/4" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN BOTTOM AND BOTH FACES OF CAP



Bent 3 Cap 1: UP TO 1/4" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN BOTTOM AND BOTH FACES OF CAP



Bent 3 Cap 1: UP TO 1/4" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN BOTTOM AND BOTH FACES OF CAP



Bent 3 Cap 1: UP TO 1/4" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN BOTTOM AND BOTH FACES OF CAP



TYPICAL DETERIORATED PAINT SYSTEM (BENT 3, PILE 1)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 2)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 2)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 3)



UP TO 1/16" TRANSVERSE & VERTICAL CRACKS IN ENCASEMEN (BENT 3, PILE 3)



UP TO 1/16" TRANSVERSE & VERTICAL CRACKS IN ENCASEMEN (BENT 3, PILE 4)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 4)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 5)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 5)



UP TO 1/8" TRANSVERSE & VERTICAL CRACKS IN ENCASEMENT (BENT 3, PILE 5)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 6)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 6)



UP TO 1/4" TRANSVERSE AND VERTICAL CRACKS WITH AND WITHOUT EFFLORESCENCE IN ENCASEMENT



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 7)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 7)



Bent 3 Pile 7: SURFACE CORROSION THROUGHOUT UP TO 12" WIDE X 9" HIGH PLATE REPAIR WELDED TO FACE OF FAR FLANGE AT BOTTOM OF CAP



UP TO 3/8" TRANSVERSE AND VERTICAL CRACKS WITH AND WITHOUT EFFLORESCENCE IN ENCASEMENT (BENT 3, PILE 7)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 8)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 8)



UP TO 1/4" TRANSVERSE & VERTICAL CRACKS WITH & WITHOUT EFFLORESCENCE IN ENCASEMENT. TOP 2' OF EAST FACE BEGINNING TO DELAMINATE



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 9)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 9)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 10)



TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 10)



UP TO 1/8" TRANSVERSE & VERTICAL CRACKS WITH AND WITHOUT EFFLORESCENCE IN ENCASEMENT



UP TO 0.03" TRANSVERSE & VERTICAL CRACKS IN ENCASEMENT



CONCRETE SWALE @ END BENT 1 ON LEFT SIDE IS UNDERMINED FOR ITS ENTIRE LENGTH



DECK DEBRIS



DRIFT @ BENT 2



SLUMPING ALONG ALL BANKS



FAR RIGHT WING, 6" DIAMETER X 2" DEEP EDGE SPALL



NEAR RIGHT WING, 3' LONGITUDINAL CRACK 0.0625" WIDE AND 6" X 3" X 0.5" DEEP SPALL ALONG TOP OF WALL



AT BENT 3, SCOUR HOLE AROUND ALL PILES, 50' LONG X 12' WIDE X UP TO 2.5' DEEP

Stream Bed Soundings (Profile diagram on following sheet)

County CASWELL Structure Number: 160001 Inspection Date 02/16/2022

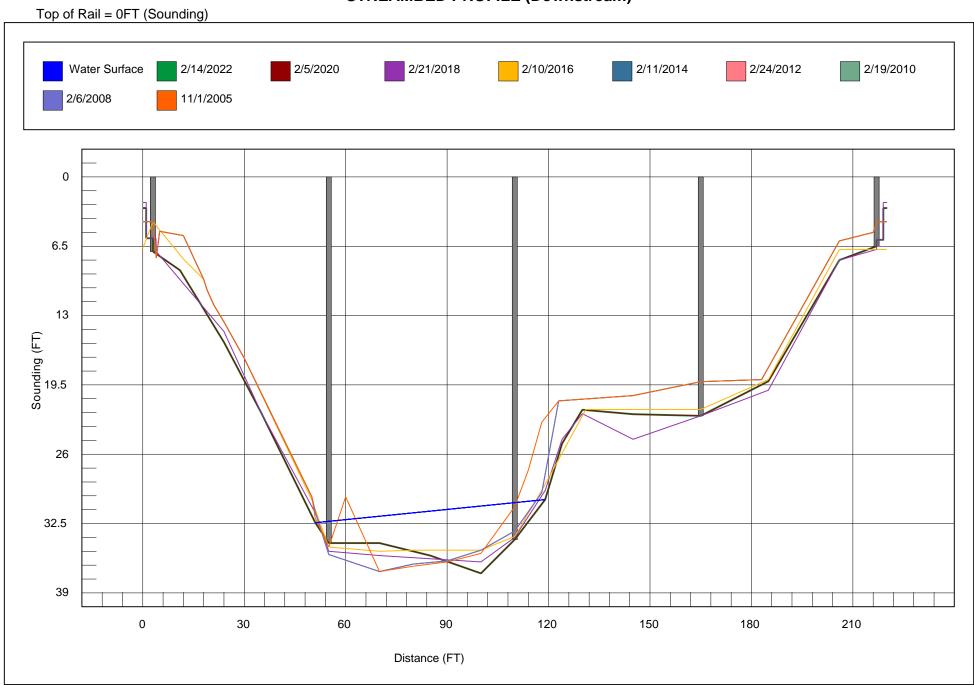
Sounding recorded from: Top of Bridge Rail

Highwater Mark Distance Location of Highwater Mark

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	2.920	0.000	FILL FACE
1.000	2.920	0.000	TOP OF WALL
1.010	5.750	0.000	TOP OF CAP
3.000	5.750	0.000	TOP OF CAP
3.010	7.000	7.000	END BENT 1 FACE
11.000	8.750	0.000	TOP OF SLOPE
24.000	15.500	0.000	GROUND
35.000	22.100	0.000	GOUND
51.000	32.420	0.000	WSWE
55.000	34.330	35.000	BENT 1
70.000	34.330	0.000	CREEK BED
85.000	35.500	0.000	CREEK BED
100.000	37.170	0.000	CREEK BED
110.000	34.000	38.080	BENT 2
119.000	30.250	0.000	WSWE
124.000	25.000	0.000	GROUND
130.000	21.830	0.000	GROUND
145.000	22.250	0.000	GROUND
165.000	22.400	24.250	BENT 3
185.000	19.160	0.000	GROUND
206.000	7.800	0.000	GROUND
217.000	6.500	6.750	END BENT 2 FACE
217.010	5.900	0.000	TOP OF CAP
219.000	5.900	0.000	TOP OF CAP
219.010	2.920	0.000	TOP OF WALL
220.000	2.920	0.000	FILL FACE

Bridge: 160001 County: CASWELL Date: 02/14/2022

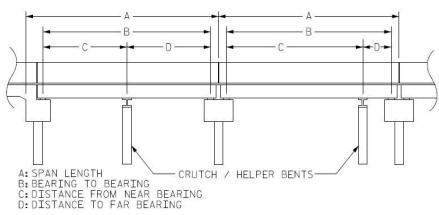
STREAMBED PROFILE (Downstream)



Structure Data Worksheet

Span Profile

County: **CASWELL** Structure Number: 160001



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	55.000	53.250			
2	55.000	54.000			
3	55.000	54.000			
4	55.000	53.250			



WEST APPROACH



TYPICAL GUARDRAIL TERMINAL END



TYPICAL GUARDRAIL



TYPICAL GUARDRAIL SPACING



TRAFFIC CONTROL/TRUCK



BRIDGE RAIL TO GUARDRAIL CONNECTION



TYPICAL BRIDGE RAIL



TYPICAL END BENT EXPANSION JOINT



TYPICAL WEARING SURFACE



EAST APPROACH



TRAFFIC CONTROL



SOUTH ELEVATION



NORTH ELEVATION



LOOKING NORTH DOWNSTREAM



LOOKING SOUTH UPSTREAM



SLOPE @ END BENT 1



END BENT 1



BENT 2



TYPICAL UNDERSIDE (SPAN 2 SHOWN)



TYPICAL DIAPHRAGM



TYPICAL INTERMEDIATE BEARING



BENT 1



BENT 3



SLOPE @ END BENT 2



TYPICAL WINGWALL



TYPICAL END BENT BEARING (END BENT 1 SHOWN)

Bridge: 160001 County CASWELL Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3102	Removal of Hazard	EA	15	(PAR) AREAS OF 100% SECTION LOSS UP 17" X 3" AND BROKEN AND DETACHED CROSS BRACING INTERMITTENT THROUGHOUT BENT 3	
3102	Removal of Hazard	EA	5	(PAR) STEEL DIAPHRAGM: SPAN 2 AT BENT 1 IN BAY 3, CORROSION ALONG TOP FLANGE UP TO 36" LONG X 1" WIDE WITH NO MEASURABLE LOSS OF SECTION, AND CORROSION ALONG BOTTOM FLANGE UP TO 22" X 3" DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 4" LONG X 1" WIDE LOSS OF SECTION NEAR MIDLENGTH	
3120	Repair/Maintain Barriers	LF	50	(PAR) GUARDRAIL DAMAGE AT NEAR LEFT APPROACH ADJACENT TO END TERMINATION, 50' SECTION IMPACTED	
3314	Maintain Steel Superstructure Components	LF	4	Span 1 Beam 2: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 39" LONG X 10" HIGH DOWN TO 0.307" RESIDUAL WEB, AND 35" LONG X 5" WIDE DOWN TO 0.484" RESIDUAL FLANGE AT BENT 1 BEARING	
3314	Maintain Steel Superstructure Components	LF	3	Span 1 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 24" HIGH DOWN TO 0.291" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.289" RESIDUAL FLANGE AT BENT 1 BEARING	
3314	Maintain Steel Superstructure Components	LF	3	Span 1 Beam 4: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION BENEATH PAINT REPAIR IN WEB, AND 20" LONG X 5" WIDE DOWN TO .491" RESIDUAL FLANGE, APPROXIMATELY 4" FROM FACE OF BENT 1 BEARING	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 5: (PAR) CORROSION AT BEAM END DOWN TO 0.381" IN LOWER WEB	



Bridge: 160001 County CASWELL Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 1: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 24" HIGH SURFACE CORROSION ON WEB, AND 36" LONG X 11 3/4" WIDE DOWN TO .431" RESIDUAL FLANGE AT BENT 2 BEARING	
3314	Maintain Steel Superstructure Components	LF	6	Span 2 Beam 1: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68" LONG X 10" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 61" LONG X 11 3/4" WIDE DOWN TO 5/8" RESIDUAL FLANGE AT BENT 1 BEARING	
3314	Maintain Steel Superstructure Components	LF	35	Span 2 Beam 2: (PAR) 35' SECTION OF CORROSION ALONG LEFT AND RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 4" HIGH DOWN TO 0.376" RESIDUAL WEB, AND 5" WIDE DOWN TO 1/2" RESIDUAL FLANGE EXTENDING FROM BENT 1 (NO PHOTOS)	
3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 33" LONG X 6" HIGH DOWN TO 0.275" RESIDUAL WEB, AND 34" LONG X 5" WIDE DOWN TO 0.328" RESIDUAL FLANGE AT BENT 2 BEARING	
3314	Maintain Steel Superstructure Components	LF	7	Span 2 Beam 3: (PAR) 100% SECTION LOSS FOR 7" LONG x 7" HIGH x 4" WIDE OVER BENT 2 BEARING	
3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 25" LONG X 24" HIGH DOWN TO RESIDUAL WEB WITH 3" X 3" LOSS OF SECTION, AND 24" LONG X 11 3/4" WIDE DOWN TO .177" RESIDUAL FLANGE AT BENT 2 BEARING	
3314	Maintain Steel Superstructure Components	LF	5	Span 2 Beam 4: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 60" LONG X 5" HIGH WITH DOWN TO 0.334" RESIDUAL WEB, AND 60" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING	

County CASWELL Bridge: 160001 Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 17" LONG X 3" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 6" WIDE DOWN TO .546" RESIDUAL FLANGE AT BENT 2 BEARING	
3314	Maintain Steel Superstructure Components	LF	5	Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 55" LONG X 10" HIGH WITH DOWN TO 0.322" REMAINING RESIDUAL WEB AT BENT 1 BEARING	
3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 7" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 67" LONG X 11 1/2" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING	
3314	Maintain Steel Superstructure Components	LF	3	Span 3 Beam 1: (PAR) CORROSION EXTENDING 5' FROM BENT 2 WEB, 0.251" REMAINING UP 3" FROM FLANGE	
3314	Maintain Steel Superstructure Components	LF	3	Span 3 Beam 1: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 5" HIGH DOWN TO 0.471" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.401" RESIDUAL FLANGE AT BENT 3 BEARING	
3314	Maintain Steel Superstructure Components	LF	49	Span 3 Beam 1: (PAR) INTERMITTENT FULL LENGTH, CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 5" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 5" WIDE IN BOTTOM OF MIDSPAN FLANGE WITH NO MEASURABLE SECTION LOSS	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 12" LONG X 24" HIGH DOWN TO 0.405" RESIDUAL WEB AT END OF BEAM AT BENT 2	



Bridge: 160001 County CASWELL Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	40	Span 3 Beam 2: (PAR) INTERMITTENT FULL LENGTH CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 6" HIGH DOWN TO 0.40" RESIDUAL WEB, AND 5" WIDE DOWN TO 0.50" RESIDUAL FLANGE, BEGINNING 4' FROM BENT 2 (NO PHOTO)	
3314	Maintain Steel Superstructure Components	LF	3	Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 32" LONG X 5" HIGH DOWN TO 0.212" RESIDUAL WEB, AND 34" LONG X 11 3/4" WIDE DOWN TO 0.351" RESIDUAL FLANGE AT BENT 3 BEARING	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 15" LONG X 5" HIGH DOWN TO 0.503" RESIDUAL WEB, AND 18" LONG X 11 3/4" WIDE DOWN TO 0.199" RESIDUAL FLANGE AT BENT 3 BEARING	
3314	Maintain Steel Superstructure Components	LF	6	Span 3 Beam 3: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 72" LONG X 24" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 72" LONG X 11 1/2" WIDE DOWN TO 0.360" RESIDUAL FLANGE AT BENT 2 BEARING	
3314	Maintain Steel Superstructure Components	LF	4	Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 38" LONG X 7" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 41" LONG X 11 3/4" WIDE DOWN TO 0.485" RESIDUAL FLANGE AT BENT 3 BEARING	
3314	Maintain Steel Superstructure Components	LF	5	Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 6" HIGH DOWN TO 0.342" RESIDUAL WEB, AND 39" LONG X 11 3/4" WIDE DOWN TO 0.505" RESIDUAL FLANGE AT BENT 2 BEARING	

Bridge: 160001 County CASWELL Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	3	Span 3 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 24" LONG X 13" HIGH DOWN TO 0.301" RESIDUAL WEB, AND 29" LONG X 11 3/4" WIDE DOWN TO .443" RESIDUAL FLANGE AT BENT 3 BEARING	
3314	Maintain Steel Superstructure Components	LF	9	Span 3 Beam 5: (PAR) CORROSION AND EVIDENCE OF CORROSION BENEATH PAINT REPAIR ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 6" HIGH DOWN TO 0.429" RESIDUAL WEB, AND 90" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 2 BEARING	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 20" LONG X 3" HIGH DOWN TO 0.362" RESIDUAL WEB, AND 11" LONG X 11 3/4" WIDE DOWN TO 0.543" RESIDUAL FLANGE AT BENT 3 BEARING	
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14" LONG X 8" HIGH DOWN TO 0.236" RESIDUAL WEB, AND 24" LONG X 11 3/4" WIDE DOWN TO 0.200" RESIDUAL FLANGE AT BENT 3 BEARING	
3314	Maintain Steel Superstructure Components	LF	9	Span 4 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 108" LONG X 20" HIGH DOWN TO 0.393" RESIDUAL WEB, AND 103" LONG X 11 3/4" WIDE DOWN TO 0.500" RESIDUAL FLANGE AT BENT 3 BEARING	
3314	Maintain Steel Superstructure Components	LF	9	Span 4 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 19" HIGH DOWN TO 0.358" RESIDUAL WEB, AND 72" LONG X 11 3/4" WIDE DOWN TO 0.459" RESIDUAL FLANGE AT BENT 3 BEARING	



Bridge: 160001 County CASWELL Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18" LONG X 7" HIGH DOWN TO 0.542" RESIDUAL WEB, AND 14" LONG X 5" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT END BENT 2 BEARING (NO PHOTO)	
3332	Maint Drainage System - Bridge	LF	21	(PAR) BRIDGE DRAINAGE, CLOGGED EITHER PARTIALLY OF FULLY WITH VEGETATION GROWTH. (16) ALONG RIGHT CURB & (5) ALONG LEFT CURB	
3352	Maint Slope Protection	SF	138	(PAR) SLOPE @ END BENT HAS EROSION AREA 5'x 8'x 4' DEEP UNDERMINING CAP BETWEEN BEAMS 1 & 2	
3352	Maint Slope Protection	SF	138	(PAR) END BENT 1 SLOPE PROTECTION, SOIL ERODING UP TO 2.5' DEEP AGAINST GROUTING PAD ADJACENT TO CAP. RIP RAP SCATTERED ALONG BOTTOM OF SLOPE (NO PHOTO)	
3352	Maint Slope Protection	SF	138	(PAR) END BENT 1 SLOPE PROTECTION, UP TO 4" WIDE CRACK IN OUTSIDE EDGE CONCRETE SHOOT ADJACENT TO END BENT 1 RIGHT EDGE AND SETTLEMENT INTERMITTENT THROUGHOUT (NO PHOTO)	
3352	Maint Slope Protection	SF	136	(PAR) END BENT 2 SLOPE PROTECTION, ALONG LEFT CONCRETE SHOOT; UP TO 3' DEEP X 8' LONG EROSION OF SOIL	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 1: (PAR) CORROSION ALONG BOTH FLANGES UP TO 6" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT BOTTOM OF CAP WITH UP TO 100% SECTION LOSS ON FAR FLANGE 4" WIDE X 1" HIGH ADJACENT TO CAP AND NEAR FLANGE	
3354	Maintain Steel Substructure Components	LF	2	Bent 3 Pile 1: (PAR) CORROSION ALONG RIGHT EDGE OF NEAR FLANGE UP TO 23" HIGH X 6" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT	

Bridge: 160001 County CASWELL Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 2: (PAR) CORROSION ALONG NEAR FLANGE UP TO 3" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE WITH 3/16" DIAMETER HOLE AT BOTTOM OF CAP UP TO 3" LONG	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 3: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT	
3354	Maintain Steel Substructure Components	LF	2	Bent 3 Pile 4: (PAR) FAR FLANGE DOWN TO KNIFE EDGE	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 4: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE ABOVE CONCRETE ENCASEMENT (NO PHOTO)	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 4: (PAR) CORROSION ALONG BOTH FLANGES UP TO 5" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE AT BOTTOM OF CAP	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 5: (PAR) CORROSION ALONG BOTH FLANGES UP TO 11" HIGH X 12" WIDE DOWN TO 3/16" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT (NO PHOTO)	
3354	Maintain Steel Substructure Components	LF	2	Bent 3 Pile 5: (PAR) CORROSION ALONG BOTH FLANGES UP TO 24" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 2 1/2" WIDE X 1" HIGH HOLES AT BOTTOM OF CAP	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 6: (PAR) CORROSION ALONG FAR FLANGE UP TO 5" HIGH X 12" WIDE DOWN TO 3/16" RESIDUAL FLANGE, APPROXIMATELY 4' FROM BOTTOM OF CAP	
3354	Maintain Steel Substructure Components	LF	2	Bent 3 Pile 6: (PAR) CORROSION ALONG WEB AND BOTH FLANGES UP TO 19" HIGH X 11" WIDE WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 19" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 2 LOCATIONS OF UP TO 6" HIGH X 3" WIDE 100% LOSS OF SECTION ABOVE CONCRETE ENCASEMENT	

County CASWELL Bridge: 160001 Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3354	Maintain Steel Substructure Components	LF	2	Bent 3 Pile 7: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 7: (PAR) CORROSION ALONG RIGHT EDGE OF FAR FLANGE UP TO 10" HIGH X 9" WIDE DOWN TO 1/4" RESIDUAL FLANGE, APPROXIMATELY 2' FROM BOTTOM OF CAP	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 8: (PAR) CORROSION ALONG BOTH FLANGES UP TO 8" HIGH X 12" WIDE DOWN TO 1/8" RESIDUAL FLANGE AT BOTTOM OF CAP	
3354	Maintain Steel Substructure Components	LF	2	Bent 3 Pile 8: (PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 9: (PAR) CORROSION ALONG BOTH FLANGES UP TO 12" HIGH X 12" WIDE DOWN TO 5/16" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT	
3354	Maintain Steel Substructure Components	LF	2	Bent 3 Pile 9: (PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 4" WIDE X 1 1/2" HIGH LOSS OF SECTIONS AT BOTTOM OF CAP	



Bridge: 160001 County CASWELL

MMS Description

MMS Code

MIDLENGTH

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

Quantity

3102	Rem	noval of Ha	oval of Hazard 15 EA					
Location:	Location:							
			Bent/Span No.					
Priority Leve	Priority Level Status							
Priority Mair	ntenan	се	Division Bridge Maintenance Notif	fication				
Submitted D	Date:	Submitte	d By:	Assisted By:				
02/15/2022		RICK P	OOLE					
Details								
MMS Code	MN	1S Descrip	otion		Quantity			
3102		noval of Ha			5	EA		
Location:	11011	loval of Fix	azaru		3	L/\		
			Bent/Span No.					
Priority Leve	el		Status					
Priority Mair	ntenan	се	Division Bridge Maintenance Notif	fication				
Submitted D	Date:	Submitte	d By:	Assisted By:				
02/15/2022		RICK P	OOLE					
Details								
(PAR) STEE 1" WIDE WI								

Bridge: 160001 County CASWELL

MMS Code	MMS Descri	Quantity					
3120	Repair/Mainta	ain Barriers		50	LF		
Location:	Location:						
		Bent/Span No.					
Priority Leve	ı	Status					
Priority Main	tenance	Division Bridge Maintenance Notification					
Submitted Da	ate: Submitte	ed By:	Assisted By:				
02/15/2022	RICK P	OOLE					
Details							
(PAR) GUAF IMPACTED	RDRAIL DAMA	GE AT NEAR LEFT APPROACH AI	DJACENT TO END TERMINATION,	50' SECTIO	N		

MMS Code	MN	/IS Descrip	otion		Quantity		
3314	Mai	ntain Stee	Superstructure Components		4	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	itenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
Span 1 Beam 2: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 39" LONG X 10" HIGH DOWN TO 0.307" RESIDUAL WEB, AND 35" LONG X 5" WIDE DOWN TO 0.484" RESIDUAL FLANGE AT BENT 1 BEARING							

Bridge: 160001 County CASWELL

MMS Code	MMS Descri		Quantity			
3314	Maintain Stee	Superstructure Components		3	LF	
Location:						
		Bent/Span No.				
Priority Leve	I	Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
02/15/2022	RICK P	OOLE				
Details						
	OWN TO 0.291'		OF WEB AND BOTTOM FLANGE UF X 5" WIDE DOWN TO 0.289" RESID			

MMS Code	MN	MMS Description				Quantity		
3314	Mai	Maintain Steel Superstructure Components			3	LF		
Location:								
Bent/Span No.								
Priority Level			Status	Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification					
Submitted D	ate:	Submitte	d By:	Assisted By:				
02/15/2022		RICK P	OOLE					
Details								
Span 1 Beam 4: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION BENEATH PAINT REPAIR IN WEB, AND 20" LONG X 5" WIDE DOWN TO .491" RESIDUAL FLANGE, APPROXIMATELY 4" FROM FACE OF BENT 1 BEARING								

Bridge: 160001 County CASWELL

MMS Code	MMS	MMS Description				Quantity		
3314	Mainta	laintain Steel Superstructure Components			2	LF		
Location:	Location:							
Bent/Span No.								
Priority Level			Status					
Priority Maintenance			Division Bridge Maintenance Notification					
Submitted D	ate: S	Submitted	d By:	Assisted By:				
02/15/2022	F	RICK PO	OOLE					
Details								
Span 1 Beam 5: (PAR) CORROSION AT BEAM END DOWN TO 0.381" IN LOWER WEB								

MMS Code	MN	MMS Description			Quantity			
3314	Mai	Maintain Steel Superstructure Components			3	LF		
Location:								
Bent/Span No.								
Priority Level			Status	Status				
Priority Maintenance		ce	Division Bridge Maintenance Notification					
Submitted D	ate:	Submitte	d By:	Assisted By:				
02/15/2022		RICK P	OOLE					
Details								
Span 2 Beam 1: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 24" HIGH SURFACE CORROSION ON WEB, AND 36" LONG X 11 3/4" WIDE DOWN TO .431" RESIDUAL FLANGE AT BENT 2 BEARING								

Bridge: 160001 County CASWELL

MMS Code	MMS Descrip	otion		Quantity		
3314	Maintain Stee	Superstructure Components		6	LF	
Location:						
Bent/Span No.						
Priority Level		Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	d By:	Assisted By:			
02/15/2022	RICK P	OOLE				
Details						
Span 2 Beam 1: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68" LONG X 10" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 61" LONG X 11 3/4" WIDE DOWN TO 5/8" RESIDUAL FLANGE AT BENT 1 BEARING						

MMS Code	MN	//S Descrip	otion		Quantity	
3314	Mai	Maintain Steel Superstructure Components				LF
Location:						
Bent/Span No.						
Priority Level			Status			
Priority Maintenance		ice	Division Bridge Maintenance Notification			
Submitted D	ate:	Submitte	d By:	Assisted By:		
02/15/2022		RICK P	OOLE			
Details						
Span 2 Beam 2: (PAR) 35' SECTION OF CORROSION ALONG LEFT AND RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 4" HIGH DOWN TO 0.376" RESIDUAL WEB, AND 5" WIDE DOWN TO 1/2" RESIDUAL FLANGE EXTENDING FROM BENT 1 (NO PHOTOS)						

Bridge: 160001 County CASWELL

MMS Code	MMS Des	cription			Quantity		
3314	Maintain S	teel Superstruct	ure Components		3	LF	
Location:	Location:						
Bent/Span No.							
Priority Leve	el	Status					
Priority Maintenance		Division Bri	Division Bridge Maintenance Notification				
Submitted D	ate: Subm	itted By:		Assisted By:			
02/15/2022	RICI	POOLE					
Details							
Span 2 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 33" LONG X 6" HIGH DOWN TO 0.275" RESIDUAL WEB, AND 34" LONG X 5" WIDE DOWN TO 0.328" RESIDUAL FLANGE AT BENT 2 BEARING							

MMS Code	MN	MMS Description			Quantity		
3314	Mai	Maintain Steel Superstructure Components			7	LF	
Location:	Location:						
			Bent/Span No.				
Priority Leve	Priority Level		Status				
Priority Mair	Priority Maintenance		Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
Span 2 Bea	m 3: (I	PAR) 100%	6 SECTION LOSS FOR 7" LONG)	(7" HIGH x 4" WIDE OVER BENT 2	BEARING		

Bridge: 160001 County CASWELL

MMS Code	MMS Descrip	otion		Quantity		
3314	Maintain Stee	Superstructure Components		3	LF	
Location:						
Bent/Span No.						
Priority Level		Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	d By:	Assisted By:			
02/15/2022	RICK P	OOLE				
Details						
Span 2 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 25" LONG X 24" HIGH DOWN TO RESIDUAL WEB WITH 3" X 3" LOSS OF SECTION, AND 24" LONG X 11 3/4" WIDE DOWN TO .177" RESIDUAL FLANGE AT BENT 2 BEARING						

MMS Code	MN	MMS Description			Quantity	
3314	Mai	Maintain Steel Superstructure Components			5	LF
Location:						
			Bent/Span No.			
Priority Level			Status			
Priority Maintenance		ice	Division Bridge Maintenance Notification			
Submitted D	ate:	Submitte	d By:	Assisted By:		
02/15/2022		RICK P	OOLE			
Details						
Span 2 Beam 4: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 60" LONG X 5" HIGH WITH DOWN TO 0.334" RESIDUAL WEB, AND 60" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING						

Bridge: 160001 County CASWELL

MMS Code	MN	1S Descrip	otion		Quantity			
3314	Mair	ntain Stee	Superstructure Components		2	LF		
Location:	Location:							
Bent/Span No.								
Priority Level Status			Status					
Priority Maintenance		се	Division Bridge Maintenance Notif	ication				
Submitted D	ate:	Submitted By:		Assisted By:				
02/15/2022		RICK P	OOLE					
Details								
3" HIGH WI	TH NO	MÉASUF		OF WEB AND BOTTOM FLANGE UP B, AND 14" LONG X 6" WIDE DOWI		NG X		
MMS Code	MMS Description Quantit				Quantity			
3314	Maintain Steel Superstructure Components 5 L				LF			

MMS Code	MN	MMS Description			Quantity		
3314	Mai	ntain Stee	Superstructure Components		5	LF	
Location:							
Bent/Span No.							
Priority Level			Status				
Priority Maintenance		се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
			ROSION ALONG BOTH FACES C SIDUAL WEB AT BENT 1 BEARING	OF WEB UP TO 55" LONG X 10" HIG	GH WITH DC	OWN	

Bridge: 160001 County CASWELL

MMS Code	MMS Des	cription		Quantity			
3314	Maintain S	eel Superstructure Components		3	LF		
Location:							
Bent/Span No.							
Priority Level		Status					
Priority Maintenance		Division Bridge Maintenance Noti	Division Bridge Maintenance Notification				
Submitted D	ate: Subm	itted By:	Assisted By:				
02/15/2022	RICK	POOLE					
Details							
Span 2 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 7" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 67" LONG X 11 1/2" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING							

MMS Code	MN	MMS Description			Quantity		
3314	Mai	ntain Stee	Superstructure Components		3	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	itenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
Span 3 Bear FLANGE	Span 3 Beam 1: (PAR) CORROSION EXTENDING 5' FROM BENT 2 WEB, 0.251" REMAINING UP 3" FROM						

Bridge: 160001 County CASWELL

<u> </u>								
MMS Code	MM	IS Descrip	otion		Quantity			
3314	Main	Maintain Steel Superstructure Components						
Location:								
	Bent/Span No.							
Priority Level			Status					
Priority Main	ntenand	ce	Division Bridge Maintenance Notification					
Submitted D	ate:	Submitte	d By:	Assisted By:				
02/15/2022		RICK PO	OOLE					
Details								
5" HIGH DO	Span 3 Beam 1: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 5" HIGH DOWN TO 0.471" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.401" RESIDUAL FLANGE AT BENT 3 BEARING							

MMS Code	MN	MMS Description					
3314	Mai	ntain Stee	Superstructure Components		49	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Main	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
Span 3 Beam 1: (PAR) INTERMITTENT FULL LENGTH, CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 5" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 5" WIDE IN BOTTOM OF MIDSPAN FLANGE WITH NO MEASURABLE SECTION LOSS							

Bridge: 160001 County CASWELL

MMS Code	MMS Desc	ription		Quantity		
3314	Maintain Ste	aintain Steel Superstructure Components			LF	
Location:						
	Bent/Span No.					
Priority Leve	I	Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submit	ted By:	Assisted By:			
02/15/2022	RICK	POOLE				
Details						
Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 12" LONG X 24" HIGH DOWN TO 0.405" RESIDUAL WEB AT END OF BEAM AT BENT 2						

MMS Code	MN	MMS Description Qua					
3314	Maiı	intain Steel Superstructure Components 40					
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Maint	tenan	се	Division Bridge Maintenance Notification				
Submitted Da	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
Span 3 Beam 2: (PAR) INTERMITTENT FULL LENGTH CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 6" HIGH DOWN TO 0.40" RESIDUAL WEB, AND 5" WIDE DOWN TO 0.50" RESIDUAL FLANGE, BEGINNING 4' FROM BENT 2 (NO PHOTO)							

Bridge: 160001 County CASWELL

MMS Code	MMS Descri	ption		Quantity			
3314	Maintain Stee	Maintain Steel Superstructure Components					
Location:							
		Bent/Span No.					
Priority Leve	I	Status	Status				
Priority Main	tenance	Division Bridge Maintenance Notification					
Submitted Da	ate: Submitte	ed By:	Assisted By:				
02/15/2022	RICK P	OOLE					
Details							
Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 32" LONG X 5" HIGH DOWN TO 0.212" RESIDUAL WEB, AND 34" LONG X 11 3/4" WIDE DOWN TO 0.351" RESIDUAL FLANGE AT BENT 3 BEARING							

MMS Code	MN	MMS Description			Quantity		
3314	Mai	ntain Stee	Superstructure Components		2	LF	
Location:							
			Bent/Span No.				
Priority Leve	Priority Level		Status				
Priority Mair	ntenan	ice	Division Bridge Maintenance Notification				
Submitted D	Date:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
Span 3 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 15" LONG X 5" HIGH DOWN TO 0.503" RESIDUAL WEB, AND 18" LONG X 11 3/4" WIDE DOWN TO 0.199" RESIDUAL FLANGE AT BENT 3 BEARING							

Bridge: 160001 County CASWELL

MMS Code	MMS E	MMS Description				Quantity	
3314	Maintair	Maintain Steel Superstructure Components				LF	
Location:							
			Bent/Span No.				
Priority Leve	I		Status				
Priority Main	tenance		Division Bridge Maintenance Notification				
Submitted Da	ate: Su	ubmitted	d By:	Assisted By:			
02/15/2022	R	RICK PO	OOLE				
Details							
Span 3 Beam 3: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 72" LONG X 24" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 72" LONG X 11 1/2" WIDE DOWN TO 0.360" RESIDUAL FLANGE AT BENT 2 BEARING							

MMS Code	MN	MMS Description			Quantity		
3314	Mai	ntain Steel	Superstructure Components		4	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK PO	OOLE				
Details							
Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 38" LONG X 7" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 41" LONG X 11 3/4" WIDE DOWN TO 0.485" RESIDUAL FLANGE AT BENT 3 BEARING							

Bridge: 160001 County CASWELL

MMS Code	MM	IS Descrip	otion		Quantity		
3314	Main	Maintain Steel Superstructure Components			5	LF	
Location:	Location:						
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	ntenand	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 6" HIGH DOWN TO 0.342" RESIDUAL WEB, AND 39" LONG X 11 3/4" WIDE DOWN TO 0.505" RESIDUAL FLANGE AT BENT 2 BEARING							

MMS Code	MN	MMS Description			Quantity		
3314	Maii	ntain Stee	Superstructure Components		3	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
13" HIGH D	Span 3 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 24" LONG X 13" HIGH DOWN TO 0.301" RESIDUAL WEB, AND 29" LONG X 11 3/4" WIDE DOWN TO .443" RESIDUAL FLANGE AT BENT 3 BEARING						

Bridge: 160001 County CASWELL

MMS Code	MN	MMS Description			Quantity		
3314	Mair	ntain Steel Superstructure Components			9	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:			
02/15/2022		RICK P	OOLE				
Details							
Span 3 Beam 5: (PAR) CORROSION AND EVIDENCE OF CORROSION BENEATH PAINT REPAIR ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 6" HIGH DOWN TO 0.429" RESIDUAL WEB, AND 90" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 2 BEARING							
MMS Code	MS Code MMS Description Quantity						

MMS Code	MN	MMS Description Q					
3314	Mai	Maintain Steel Superstructure Components				LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
3" HIGH DC	Span 3 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 20" LONG X 3" HIGH DOWN TO 0.362" RESIDUAL WEB, AND 11" LONG X 11 3/4" WIDE DOWN TO 0.543" RESIDUAL FLANGE AT BENT 3 BEARING						

Bridge: 160001 County CASWELL

MMS Code	MMS Door	MMS Description Quantity					
IVIIVIS Code	IVIIVIS Desc	WINO Description					
3314	Maintain Ste	Maintain Steel Superstructure Components					
Location:	Location:						
		Bent/Span No.					
Priority Leve	I	Status	Status				
Priority Maintenance		Division Bridge Maintenance Notification					
Submitted D	ate: Submit	ted By:	Assisted By:				
02/15/2022	RICK	POOLE					
Details							
Details Span 4 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14" LONG > 8" HIGH DOWN TO 0.236" RESIDUAL WEB, AND 24" LONG X 11 3/4" WIDE DOWN TO 0.200" RESIDUAL FLANGE AT BENT 3 BEARING					NG X		

MMS Code	MI	MMS Description Qu					
3314	Mai	Maintain Steel Superstructure Components				LF	
Location:							
			Bent/Span No.				
Priority Leve	əl		Status				
Priority Mair	ntenan	ice	Division Bridge Maintenance Notification				
Submitted D	Date:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
20" HIGH D	Span 4 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 108" LONG X 20" HIGH DOWN TO 0.393" RESIDUAL WEB, AND 103" LONG X 11 3/4" WIDE DOWN TO 0.500" RESIDUAL FLANGE AT BENT 3 BEARING						

Bridge: 160001 County CASWELL

MMS Code	MM	IS Descrip	otion		Quantity		
3314	Main	ntain Steel	Superstructure Components		9	LF	
Location:	Location:						
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	itenand	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK PO	OOLE				
Details							
	T NWO	ΓO 0.358"	RESIDUAL WEB, AND 72" LONG	OF WEB AND BOTTOM FLANGE UP X 11 3/4" WIDE DOWN TO 0.459" F)NG X	

MMS Code	MM	MMS Description Quantity			Quantity		
3314	Main	aintain Steel Superstructure Components 2			LF		
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Mainte	enanc	се	Division Bridge Maintenance Notification				
Submitted Da	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
7" HIGH DOV	Span 4 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18" LONG X 7" HIGH DOWN TO 0.542" RESIDUAL WEB, AND 14" LONG X 5" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT END BENT 2 BEARING (NO PHOTO)						

Bridge: 160001 County CASWELL

MMS Code	MMS	Descrip	tion		Quantity			
3332	Maint	Drainage	e System - Bridge		21	LF		
Location:								
	Bent/Span No.							
Priority Leve	el		Status					
Priority Mair	ntenance)	Division Bridge Maintenance Notification					
Submitted D	ate: S	Submitted	d By:	Assisted By:				
02/15/2022		RICK PO	OOLE					
Details								
			CLOGGED EITHER PARTIALLY (ALONG LEFT CURB	OF FULLY WITH VEGETATION GRO	OWTH. (16)			

MMS Code	MN	MMS Description			Quantity		
3352	Mai	nt Slope P	rotection		138	SF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ice	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
(PAR) SLOP	(PAR) SLOPE @ END BENT HAS EROSION AREA 5'x 8'x 4' DEEP UNDERMINING CAP BETWEEN BEAMS 1 & 2						

Bridge: 160001 County CASWELL

MMS Description

MMS Code

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

Quantity

		auditin,						
3352	Maiı	nt Slope P	rotection		138	SF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status	Status				
Priority Maintenance		ce	Division Bridge Maintenance Noti	fication				
Submitted D	ate:	Submitte	d By:	Assisted By:				
02/15/2022		RICK P	OOLE					
Details								
MMS Code		1S Descrip	AP SCATTERED ALONG BOTTO	· ,	Quantity			
3352		nt Slope P			138	SF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
Priority Mair	ntenan	се	Division Bridge Maintenance Noti	fication				
Submitted D	Submitted Date: Submitted By:		Assisted By:					
02/15/2022	RICK POOLE							
Details								

(PAR) END BENT 1 SLOPE PROTECTION, UP TO 4" WIDE CRACK IN OUTSIDE EDGE CONCRETE SHOOT ADJACENT TO END BENT 1 RIGHT EDGE AND SETTLEMENT INTERMITTENT THROUGHOUT (NO PHOTO)

Bridge: 160001 County CASWELL

MMS Code	MMS Descri	otion		Quantity			
3352	Maint Slope F	rotection		136	SF		
Location:	Location:						
	Bent/Span No.						
Priority Leve	I	Status	Status				
Priority Main	tenance	Division Bridge Maintenance Notification					
Submitted Da	ate: Submitte	ed By:	Assisted By:				
02/15/2022	RICK P	OOLE					
Details							
(PAR) END I EROSION O		PROTECTION, ALONG LEFT CO	NCRETE SHOOT; UP TO 3' DEEP)	(8' LONG			

MMS Code	MN	MMS Description					
3354	Mai	ntain Stee	Substructure 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:			
02/15/2022		RICK P	OOLE				
Details							
RESIDUAL	Bent 3 Pile 1: (PAR) CORROSION ALONG BOTH FLANGES UP TO 6" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT BOTTOM OF CAP WITH UP TO 100% SECTION LOSS ON FAR FLANGE 4" WIDE X 1" HIGH ADJACENT TO CAP AND NEAR FLANGE						

Bridge: 160001 County CASWELL

MMS Code	MMS [MMS Description				Quantity	
3354	Maintair	aintain Steel Substructure Components				LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Maintenance			Division Bridge Maintenance Notification				
Submitted D	ate: Su	ubmitted	d By:	Assisted By:			
02/15/2022	R	RICK PO	OOLE				
Details							
			OSION ALONG RIGHT EDGE OF NEADOVE CONCRETE ENCASEM	NEAR FLANGE UP TO 23" HIGH X 6 ENT	6" WIDE DO	WN	

MMS Code	MM	MMS Description				Quantity	
3354	Mair	aintain Steel Substructure Components			1	LF	
Location:							
			Bent/Span No.				
Priority Leve	Priority Level		Status				
Priority Main	tenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
	Bent 3 Pile 2: (PAR) CORROSION ALONG NEAR FLANGE UP TO 3" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE WITH 3/16" DIAMETER HOLE AT BOTTOM OF CAP UP TO 3" LONG						

Bridge: 160001 County CASWELL

MMS Code	MM	IS Descrip	otion		Quantity			
3354	Main	Maintain Steel Substructure Components				LF		
Location:	Location:							
	Bent/Span No.							
Priority Leve	·l		Status	Status				
Priority Main	tenand	ce	Division Bridge Maintenance Notification					
Submitted D	ate:	Submitte	d By:	Assisted By:				
02/15/2022		RICK P	OOLE					
Details								
			DSION ALONG BOTH FLANGES U E CONCRETE ENCASEMENT	JP TO 17" HIGH X 12" WIDE DOWN	TO 3/8"			

MMS Code	MN	MMS Description			Quantity		
3354	Mai	faintain Steel Substructure Components			2	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	Date:	Submitte	d By:	Assisted By:			
02/15/2022		RICK PO	OOLE				
Details							
Bent 3 Pile	4: (PA	R) FAR FL	ANGE DOWN TO KNIFE EDGE				

Bridge: 160001 County CASWELL

MMS Code	MMS D	Descrip	tion		Quantity		
3354	Maintair	n Steel	Substructure Components		1	LF	
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
Priority Maintenance			Division Bridge Maintenance Notification				
Submitted D	ate: Su	ubmitte	d By:	Assisted By:			
02/15/2022	R	ICK PO	OOLE				
Details							
			OSION ALONG BOTH FLANGES URETE ENCASEMENT (NO PHOT	JP TO 17" HIGH X 12" WIDE, 100% O)	SECTION L	OSS	

MMS Code	MN	MMS Description Qu			Quantity		
3354	Mai	Maintain Steel Substructure Components			1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	itenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
	Details Bent 3 Pile 4: (PAR) CORROSION ALONG BOTH FLANGES UP TO 5" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE AT BOTTOM OF CAP						

Bridge: 160001 County CASWELL

MMS Code	MMS Descrip	otion		Quantity		
3354	Maintain Stee	Substructure Components		1	LF	
Location:	Location:					
	Bent/Span No.					
Priority Level	ĺ	Status				
Priority Maint	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	d By:	Assisted By:			
02/15/2022	RICK P	OOLE				
Details						
		OSION ALONG BOTH FLANGES L E CONCRETE ENCASEMENT (NO	JP TO 11" HIGH X 12" WIDE DOWN) PHOTO)	TO 3/16"		

MMS Code	MN	MMS Description					
3354	Mai	Maintain Steel Substructure Components			2	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ice	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
	Bent 3 Pile 5: (PAR) CORROSION ALONG BOTH FLANGES UP TO 24" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 2 1/2" WIDE X 1" HIGH HOLES AT BOTTOM OF CAP						

Bridge: 160001 County CASWELL

MMS Code	MMS Des	cription			Quantity		
3354	Maintain S	eel Substructure Compo	nents		1	LF	
Location:	Location:						
Bent/Span No.							
Priority Level		Status					
Priority Maintenance		Division Bridge Main	Division Bridge Maintenance Notification				
Submitted Da	ate: Subm	itted By:		Assisted By:			
02/15/2022	RIC	POOLE					
Details							
		ROSION ALONG FAR F ELY 4' FROM BOTTOM (TO 5" HIGH X 12" WIDE DOWN TO	3/16" RESI[DUAL	

MMS Code	MN	ИS Descrip	otion		Quantity	
3354	Mai	ntain Stee	Substructure Components		2	LF
Location:						
			Bent/Span No.			
Priority Level			Status			
Priority Mair	ntenan	ice	Division Bridge Maintenance Notification			
Submitted D	ate:	Submitte	d By:	Assisted By:		
02/15/2022		RICK P	OOLE			
Details						
MEASURAE	BLE LO	OSS OF S	ECTION IN WEB, AND 19" HIGH >	FLANGES UP TO 19" HIGH X 11" W (12" WIDE DOWN TO KNIFE'S EDO 100% LOSS OF SECTION ABOVE	SE RESIDU	AL

Bridge: 160001 County CASWELL

MMS Code	MMS	Descrip	tion		Quantity		
3354	Mainta	in Steel	Substructure Components		2	LF	
Location:	Location:						
Bent/Span No.							
Priority Level			Status				
Priority Maintenance			Division Bridge Maintenance Notification				
Submitted D	ate: S	ubmitte	d By:	Assisted By:			
02/15/2022	F	RICK PO	OOLE				
Details							
			OSION ALONG BOTH FLANGES U E CONCRETE ENCASEMENT	JP TO 17" HIGH X 12" WIDE DOWN	TO 1/4"		

MMS Code	MN	MMS Description				Quantity	
3354	Mai	ntain Stee	Substructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
Details Bent 3 Pile 7: (PAR) CORROSION ALONG RIGHT EDGE OF FAR FLANGE UP TO 10" HIGH X 9" WIDE DOWN TO 1/4" RESIDUAL FLANGE, APPROXIMATELY 2' FROM BOTTOM OF CAP							

Bridge: 160001 County CASWELL

MMS Code	MM	IS Descrip	otion		Quantity		
3354	Main	ntain Stee	Substructure Components		1	LF	
Location:	Location:						
			Bent/Span No.				
Priority Leve	l		Status				
Priority Main	tenand	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
02/15/2022		RICK P	OOLE				
Details							
			DSION ALONG BOTH FLANGES U TTOM OF CAP	JP TO 8" HIGH X 12" WIDE DOWN ⁻	ΓΟ 1/8"		

MMS Code	MN	MMS Description				
3354	Mai	aintain Steel Substructure Components			2	LF
Location:						
			Bent/Span No.			
Priority Level			Status			
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification			
Submitted D	ate:	Submitte	d By:	Assisted By:		
02/15/2022		RICK P	OOLE			
Details						
			OSION ALONG BOTH FLANGES U ABOVE CONCRETE ENCASEME	JP TO 20" HIGH X 12" WIDE DOWN NT	TO KNIFE'	S

Bridge: 160001 County CASWELL

MMS Code	MMS Description					Quantity		
3354	Maintair	n Steel	Substructure Components		1	LF		
Location:	Location:							
	Bent/Span No.							
Priority Level Status								
Priority Maintenance Division Bridge Maintenance Notification								
Submitted Da	ate: Su	ıbmitte	d By:	Assisted By:				
02/15/2022	R	ICK PO	OOLE					
Details								
			OSION ALONG BOTH FLANGES UE CONCRETE ENCASEMENT	JP TO 12" HIGH X 12" WIDE DOWN	TO 5/16"			

MMS Code	MN	MMS Description				
3354	Mai	ntain Stee	Substructure Components		2	LF
Location:						
			Bent/Span No.			
Priority Leve	ority Level Status					
Priority Mair	ity Maintenance Division Bridge Maintenance Notification					
Submitted D	ate:	Submitte	d By:	Assisted By:		
02/15/2022		RICK P	OOLE			
Details						
			OSION ALONG BOTH FLANGES U I" WIDE X 1 1/2" HIGH LOSS OF S	JP TO 20" HIGH X 12" WIDE, 100% SECTIONS AT BOTTOM OF CAP	SECTION L	OSS



Measurements recorded approximately 25'-0" from End Bent 1

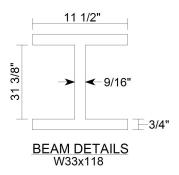
Title		Description					
APPROACH ROADWAY		LOOKING EAST					
Bridge No: 160001	Drawn By: MYW		Date: 02/19/10	File Name: \$0058000856			

Deck Width/Out to Out	Betwe	4	4.0ft				
Clear Roadway	43.33ft	Wearin	ng Surface				
Median Width		Media	Median Height				
Curb Height			0.667ft	Right	0.667	'ft	
Sidewalk Width		Left		Right			
Clear Roadway (Rail to Median)	Left		Right			
Guardrail Width		Left	1.208ft	Right	1.208	ft	
Top of Rail to Deck/Wearing Surface			2.333ft	Right	2.333	ift	
Bridge Rail			Type 2	Right	Туре	2	

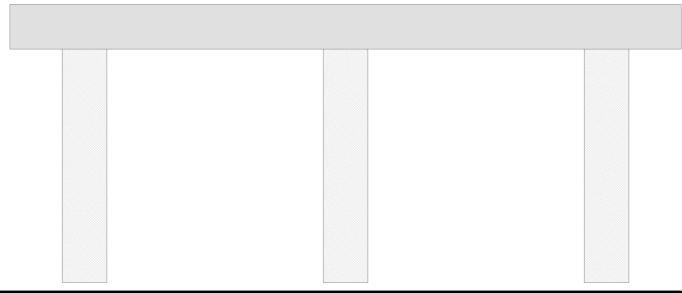


Measurements for Spans	1 thru 4		
Deck Thickness	0.667	Left Overhang	3.208
Top of Rail to Bottom of Beam	5.667	Right Overhang	3.208

Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	8.0ft	
2	Steel I Beam	8.0ft	
3	Steel I Beam	8.0ft	
4	Steel I Beam	8.0ft	
5	Steel I Beam	8.0ft	
6	Steel I Beam		



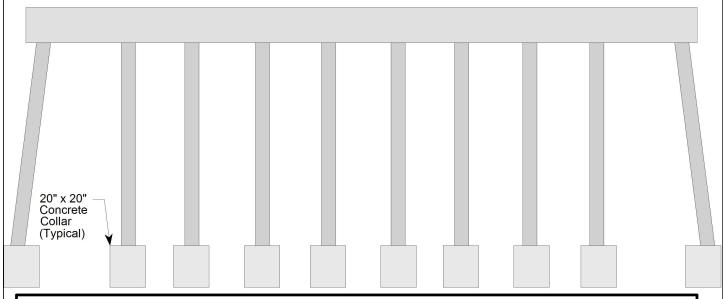
Title		Description				
TYPICAL SECTION 6 LINES OF STEEL I-BEAMS						
Bridge No: 160001	Drawn By: MYW		Date: 02/19/10	File Name: \$0058000857		



Cap In	Cap Information Material Cast-in-Place Concrete											
Lengt	h Width	Height	Left Over	hang	Right Overh	ang L	_eft Bea	am to En	nd of Cap.	Right	Beam to En	d of Cap
45.0 ft.	2.5 ft.	3.0 ft.	4.5 ft.		4.5 ft.		1.2	25 ft.			1.25 ft.	
Subcap Information Material												
Lengt	h Width	Height	Left Over	hang	Right Overh	ang L	_eft Pile	e to Splic	ce.			
Sill Info	ormation		Material									
Lengt	h Width	Height										
Pile#	Material	Spacing	Width/Dia.	Height	Length	Orienta	ation [Driven?	Replaceme	ent? I	Removed?	Collar?
1	Concrete	18.0 ft.	2.5 ft.	2.5 ft.				No	No		No	No
2	Concrete	18.0 ft.	2.5 ft.	2.5 ft.				No	No		No	No
3	Concrete		2.5 ft.	2.5 ft.				No	No		No	No
Bent: 1			Similar B	ent: 2	'		'					

Title	Description
BENTS 1 & 2	LOOKING EAST

Bridge No:	160001	Drawn By: MYW	Date: 2/19/2010	File Name:S0058003181
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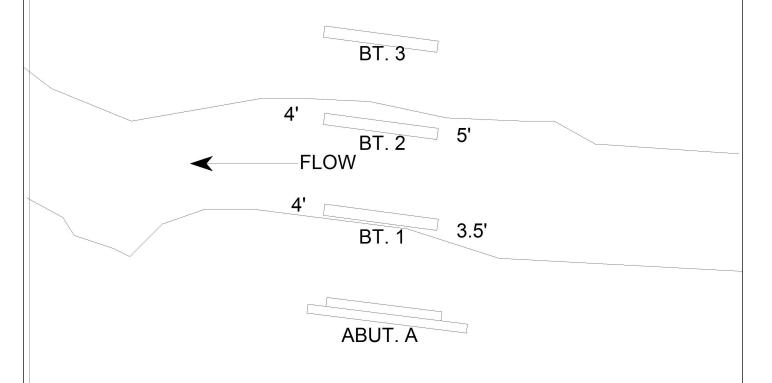


Cap Information Material Cast-in-Place Concrete												
Lengtl	h Width	Height	Left Over	hang	Right Overh	nang Left Beam to End of Ca		nd of Cap.	Righ	nt Beam to En	d of Cap.	
47.5 ft	t. 2.5 ft.	2.5 ft.	1.25 f	t.	1.083 ft.		1.5	5 ft.		1	I.5 ft.	
Subcap Information Material												
Lengtl	h Width	Height	Left Over	hang	Right Overh	nang	Left Pi	le to Splic	ce.			
Sill Info	ormation		Material									
Lengtl	h Width	Height										
Pile#	Material	Spacing	Width/Dia.	Height	Length	Orie	ntation	Driven?	Replacen	nent?	Removed?	Collar?
1	Steel	6.0 ft.	1.0 ft.	1.0 ft.		Batte	ered	Yes	No		No	Yes
2	Steel	4.5 ft.	1.0 ft.	1.0 ft.		Verti	ical	Yes	No		No	Yes
3	Steel	5.0 ft.	1.0 ft.	1.0 ft.		Verti	ical	Yes	No		No	Yes
4	Steel	4.667 ft.	1.0 ft.	1.0 ft.		Verti	ical	Yes	No		No	Yes
5	Steel	4.917 ft.	1.0 ft.	1.0 ft.		Verti	ical	Yes	No		No	Yes
6	Steel	4.5 ft.	1.0 ft.	1.0 ft.		Verti	ical	Yes	No		No	Yes
7	Steel	4.833 ft.	1.0 ft.	1.0 ft.		Verti	ical	Yes	No		No	Yes
8	Steel	4.75 ft.	1.0 ft.	1.0 ft.		Verti	ical	Yes	No		No	Yes
			104	1.0 ft.		Verti	ical	Yes	No		No	Yes
9	Steel	6.0 ft.	1.0 ft.	1.0 11.		V CIT	icai	1 00			110	

Title			Descri	ption				
BENT 3			LOOKING EAST					
Bridge No:	160001	Drawn By: MYW		Date: 02/19/10	File Name: \$0058000858			



BENTS 1 AND 2 INSPECTED FROM MUDLINE TO HIGHWATER MARK



WS: 30' @ BENT 2 N. SIDE BOTTOM COMP: SILT, CLAY BOTTOM PROBE:+- 1FT

Title		Description		
PLAN VIEW		RCP & B		
Bridge No: 160001	Drawn By: JCB		Date: 1/22/2009	File Name: \$0162000201