

ATTENTION: PAR, DATA CHANGES, DAMAGE INSPECTION

REQUESTED

Structure Safety Report

Routine Element Inspection - Contract

STRUCTURE NUME	SER: 910069	SAP STRUCTURE NO:	: 0920069	FHWA	STRUCTU	IRE NO:	000000001	830069
DIVISION: 5	COUNTY: WAKE	INSPE	CTION DATE:	10/17/2023	FREQ	UENCY:	24 MONT	'HS
FACILITY CARRIED	: NC50			MII	LE POST:			
LOCATION: 0.3 MI.	S. JCT. SR1004							
FEATURE INTERSE	CTED: US70							
LATITUDE: 35° 42	2' 23.46"	LONGITUDE:	78° 36′ 48.5	"				
SUPERSTRUCTURE	E: RC FLOOR ON	I I-BEAMS						
SUBSTRUCTURE:	E.BT:1:RC;E.BT.2:F	RC CAP/PPC PILES,INT.BT	:RCP&B/PILE	FTG.				
SPANS: 4 SPAN	S. SEE SPAN PRO	FILE SHEET FOR SPAN D	ETAILS					
FRACTURE CR	ITICAL TEM	IPORARY SHORING	SCOUR CRI	TICAL	SCOUR F	PLAN OF	ACTION	
GRADES: (Inspecto	r/NBI Coding) DECK	7/7 SUPERSTRUCTU	RE <u>5/5</u>	SUBSTRUCTU	IRE <u>6/6</u>	CUL	VERT N/I	1
POSTED SV: Not	Posted		POSTED TI	ST: Not Posted	I			
					ign noticed issued for			Number Required
		♥			NO	WEIG	HT LIMIT	0
					NO	DELIN	EATORS	0
			H 21		NO	NARROV	W BRIDGE	0
					NO	ONE LAN	IE BRIDGE	0
					NO	LOW CL	EARANCE	0
						TION OF ECTION	S-N	
		3				CTION ES PLANS	s NO	
LOOKING NORTH	1							
INSPECTED BY		SIGNATURE	Barre Ja	AS	SISTED BY	B. Tallm	an	

IDENTIFICATION	1 51		12/21/202
(1) STATE NAME NORTH CAROLINA BRIDGE	910069	SUFFICIENCY RATING	64.7
• •	1830069	STATUS =	
	1000500	CLASSIFICATION	CODE
(2) STATE HIGHWAY DEPARTMENT DISTRICT	5	(112) NBIS BRIDGE SYSTEM	,
(3) COUNTY CODE (FEDERAL) 183 (4) PLACE CODE	25480	(104) HIGHWAY SYSTEM Inventory Route not on NHS	
(6) FEATURE INTERSECTED US70 (7) FACILITY CARRIED NC50		(26) FUNCTIONAL CLASS Urban Minor Collector	1
(9) LOCATION 0.3 MI. S. JCT. SR1004		(100) STRAHNET HIGHWAY Not a STRAHNET Route	
(11) MILEPOINT	0.0	(101) PARALLEL STRUCTURE	
(12) BASE HIGHWAY NETWORK	0	(102) DIRECTION OF TRAFFIC 2-way traffic	
(13) LRS INVENTORY ROUTE & SUBROUTE	0	(103) TEMPORARY STRUCTURE	
	86' 48.5"		
(98) BORDER BRIDGE STATE CODE PERCENT SHARED (99) BORDER BRIDGE STRUCTURE NUMBER		(110) DESIGNATED NATIONAL NETWORK - on national network for trucks	
(33) BONDEN BRIDGE OTROOTORE NOMBER		(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 PROTECTION	I
(108)WEARING SURFACE/PROTECTIVE SYSTEM		(62) CULVERTS	ı
(A) TYPE OF WEARING SURFACE CODE	6	LOAD RATING AND POSTING	CODE
(B) TYPE OF MEMBRANE CODE	0	(31) DESIGN LOAD H 15	
(C) TYPE OF DECK PROTECTION CODE	0	(63) OPERATING RATING METHOD - Load Factor	
AGE AND SERVICE		(64) OPERATING RATING - HS-26	4
(27) YEAR BUILT	1952	(65) INVENTORY RATING METHOD -	
(106) YEAR RECONSTRUCTED	1962	(66) INVENTORY RATING HS-16	2
(42) TYPE OF SERVICE ON - Overpass S	tructure	(70) BRIDGE POSTING No Posting Required	
OFF - Highway CODE	61	(41) STRUCTURE OPEN, POSTED, OR CLOSED	
(28) LANES ON STRUCTURE 3 LANES UNDER STRUCTURE	8	DESCRIPTION Open, no restriction	•
(29) AVERAGE DAILY TRAFFIC	11500		CODE
(30) YEAR OF ADT 2019 (109) TRUCK ADT PCT	6	— APPRAISAL — (67) STRUCTURAL EVALUATION	CODE
(19) BYPASS OR DETOUR LENGTH	0.0	(68) DECK GEOMETRY	
GEOMETRIC DATA	0.0	(69) UNDERCLEARANCES, VERT & HORIZ	
(48) LENGTH OF MAXIMUM SPAN	65.0		
(49) STRUCTURE LENGTH	212.5	(71) WATERWAY ADEQUACY	l
(50) CURB OR SIDEWALK: LEFT 4.1 RIGHT	4.1	(72) APPROACH ROADWAY ALIGNMENT	
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB	41.1	(36) TRAFFIC SAFETY FEATURES	011
(52) DECK WIDTH OUT TO OUT	51.3	(113) SCOUR CRITICAL BRIDGES	
(32) APPROACH ROADWAY WITH (W/ SHOULDERS) (33) BRIDGE MEDIAN No median CODE	45.0 0	PROPOSED IMPROVEMENTS	
(34) SKEW 57 (35) STRUCTURE FLARED	0	(75) TYPE OF WORK COI	DE
(10) INVENTORY ROUTE MIN VERT CLEAR	999.9	(76) LENGTH OF STRUCTURE IMPROVEMENT	
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	41.1	(94) BRIDGE IMPROVEMENT COST	
(53) MIN VERT CLEAR OVER BRIDGE RDWY	999.9	(95) ROADWAY IMPROVEMENT COST	
(54) MIN VERT UNDERCLEAR: REFERENCE H	14.2	(96) TOTAL PROJECT COST	
(55) MIN LAT UNDERCLEARANCE RT: REFERENCE (66) MIN LAT LINDERCLEARANCE LT:	8.2	(97) YEAR OF IMPROVEMENT COST ESTIMATE	
(56) MIN LAT UNDERCLEARANCE LT:	14.0	(114) FUTURE ADT 23,000 YEAR OF FUTURE ADT	204
———— NAVIGATION DATA ——————		INSPECTION	
(38) NAVIGATION CONTROL - CODE	N	(90) INSPECTION DATE 10/23 (91) FREQUENCY	
(111) PIER PROTECTION CODE		(92) CRITICAL FEATURE INSPECTION (93) CFI DA	TE
(39) NAVIGATION VERTICAL CLEARANCE	0.0	A) FRACTURE CRIT DETAIL A)	
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR	0.0	B) UNDERWATER INSP B)	
		0) 07/17/07/07/07/07	
(40) NAVIGATION HORIZONTAL CLEARANCE	0.0	C) OTHER SPECIAL INSP C)	

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Span Number	Facility Carried	Inventory Route	Maximum Minimum Vertical Clearance	Milepoint	Base Highway	LRS Inventory Route	Functional Classification	Number of Lanes	Average Daily Traffic	Year of Average Daily Tra	Total Horizontal Clearanc	Reference Feature	Minimum Vertical Underclearance	Rigth Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade	STRAHNET Highway	Direction of Traffic	National Highway System	National Truck Network
	7	5	10	11	12	13	26	28	29	30	47	54A	54	55	56	69	100	102	104	110
2	US70E	21000700	15.3	0.0	1	20070	14	2	14750	2019	41.6	Н	15.3	13.6	13.4	6		1		
3	US70W	21000700	14.3	0.0	1	20070	14	2	14750	2019	37.1	Н	14.2	8.2	14.0	4		1		

Superstructure Build Details

Span Number $\underline{1}$

Span Length <u>42.500</u>

Skew 33.000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2179	Square Feet		
7	Plate Girder	Steel Open Girder/Beam	294	Feet	Legacy Red Lead Primer Systems with Various Topcoats	2394
1	Asphalt Wearing Surface	Wearing Surface	1743	Square Feet		
2	Delineator	Warning Signs	2	Each		
2	Concrete and Metal Railing	Other Bridge Railing	86	Feet		
14	Other Bearing	Other Bearings	14	Each	Legacy Red Lead Primer Systems with Various Topcoats	14

Span Number 2

 $\textbf{Span Length} \quad \underline{66.000}$

Skew 33.000

Number of Items	Type of Component	Element Name	Qua	ntity	Protective System Applied	Quantity (Sq Ft)
7	Plate Girder	Steel Open Girder/Beam	462 Fe	et	Legacy Red Lead Primer Systems with Various Topcoats	3787
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3383 Sq	uare Feet		
1	Asphalt Wearing Surface	Wearing Surface	2706 Sq	uare Feet		
1	Standard Joint	Pourable Joint Seal	49 Fee	et		
2	Concrete and Metal Railing	Other Bridge Railing	132 Fe	et		
14	Other Bearing	Other Bearings	14 Ea	ich	Legacy Red Lead Primer Systems with Various Topcoats	14

Span Number 3

Span Length 60.500

Skew 33.000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Standard Joint	Pourable Joint Seal	49	Feet		
7	Plate Girder	Steel Open Girder/Beam	427	Feet	Legacy Red Lead Primer Systems with Various Topcoats	3579
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3101	Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	120	Feet		
6	Other warning sign	Other Warning Signs	6	Each		

Superstructure Build Details

1	Asphalt Wearing Surface	Wearing Surface	2481	Square Feet		
14	Other Bearing	Other Bearings	14	Each	Legacy Red Lead Primer Systems with Various Topcoats	24

Span Number $\underline{4}$ Span Length $\underline{42.500}$ Skew $\underline{33.000}$

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Delineator	Warning Signs	1	Each		
1	Asphalt Wearing Surface	Wearing Surface	1743	Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	84	Feet		
14	Other Bearing	Other Bearings	14	Each	Legacy Red Lead Primer Systems with Various Topcoats	14
7	Plate Girder	Steel Open Girder/Beam	294	Feet	Legacy Red Lead Primer Systems with Various Topcoats	2541
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2179	Square Feet		
1	Standard Joint	Pourable Joint Seal	49	Feet		

Structure Element Scoring

Structure Number: $\frac{910069}{3}$ Inspection Date $\frac{10/17/202}{3}$

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12		Reinforced Concrete Deck	Deck	10,842	9,904	769	169	0
107		Steel Open Girder/Beam	Beam	1,477	73	1,267	77	60
515	107	Steel Protective Coating	Beam	12,301	6,368	266	2,535	3,132
205		Reinforced Concrete Column	Piles and Columns	19	12	1	6	0
215		Reinforced Concrete Abutment	Abutments	130	125	2	3	0
220		Reinforced Concrete Pile Cap/Footing	Footing	34	34	0	0	0
226		Prestressed Concrete Pile	Piles and Columns	8	8	0	0	0
226		Prestressed Concrete Pile	Foundation Pile	3	3	0	0	0
234		Reinforced Concrete Pier Cap	Caps	300	202	31	67	0
301		Pourable Joint Seal	Expansion Joints	147	122	25	0	0
316		Other Bearings	Bearing Device	56	0	17	36	3
515	316	Steel Protective Coating	Bearing Device	66	10	0	17	39
333		Other Bridge Railing	Bridge Rail	422	143	279	0	0
510		Wearing Surface	Wearing Surfaces	8,673	7,294	0	1,379	0
602		Warning Signs	Ground Mounted Signs	3	3	0	0	0
603		Other Warning Signs	Ground Mounted Signs	6	6	0	0	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 910069 Inspection Date: 10/17/2023

MMS Code	Element Name	Defect Name	Recommended Quantity			
3326	Reinforced Concrete Deck	Delamination/Spall	918 Square Feet			
3326	Reinforced Concrete Deck	Cracking (RC and Other)	300 Square Feet			
3314	Steel Open Girder/Beam	Corrosion	66 Feet			
3314	Steel Open Girder/Beam	Damage	1 Feet			
3314	Steel Open Girder/Beam	rder/Beam Distortion				
3348	Reinforced Concrete Column	8 Each				
3348	Reinforced Concrete Column	Cracking (RC and Other)	35 Each			
3350	Reinforced Concrete Abutment	Delamination/Spall	3 Feet			
3348	Reinforced Concrete Pier Cap	Exposed Rebar	1 Feet			
3348	Reinforced Concrete Pier Cap	Efflorescence/Rust Staining	15 Feet			
3348	Reinforced Concrete Pier Cap	Delamination/Spall	22 Feet			
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	35 Feet			
3334	Other Bearings	Corrosion 39 Eac				
3334	Other Bearings	Connection	6 Each			
3334	Other Bearings	Loss of Bearing Area	1 Each			
3318	Other Bridge Railing	Damage	1 Feet			
3318	Other Bridge Railing	Connection	1 Feet			
2816	Wearing Surface	Vearing Surface Crack (Wearing Surface) 1346 Square				
2816	Wearing Surface	Patched Area/Pothole (Wearing Surface)	33 Square Feet			
3342	Steel Protective Coating	Peeling/Bubbling/Cracking (steel Protective Coatings)	2732 Square Feet			
3342	2 Steel Protective Coating Effectiveness (Steel Protective Coatings) 3238 Square Feet					

Element Structure Maintenance Quantities

Structure Number: 910069 Inspection Date 10/17/2023

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Beam	3314	Maintenance Steel Superstructure Components	68	1477	60.000	77.000	1267.000	73.000
Beam	3342	Clean and Paint Steel	5914	12301	3132.000	2535.000	266.000	6368.000
Bearing Device	3334	Bridge Bearing	46	56	3.000	36.000	17.000	0.000
Bearing Device	3342	Clean and Paint Steel	56	66	39.000	17.000	0.000	10.000
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	2	422	0.000	0.000	279.000	143.000
Deck	3326	Maintenance of Concrete Deck	1218	10842	0.000	169.000	769.000	9904.000
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	147	0.000	0.000	25.000	122.000
Ground Mounted Signs	3250	Install or Replace Ground Mounted Signs	0	3	0.000	0.000	0.000	3.000
Ground Mounted Signs	3250	Install or Replace Ground Mounted Signs	0	6	0.000	0.000	0.000	6.000
Wearing Surfaces	2816	Asphalt Surface Repair	1379	8673	0.000	1379.000	0.000	7294.000
Abutments	3350	Maintenance of Concrete Wings and Wall	3	130	0.000	3.000	2.000	125.000
Caps	3348	Maintenance of Concrete Substructure	73	300	0.000	67.000	31.000	202.000
Footing	3348	Maintenance of Concrete Substructure	0	34	0.000	0.000	0.000	34.000
Foundation Pile	3348	Maintenance of Concrete Substructure	0	3	0.000	0.000	0.000	3.000
Piles and Columns	3348	Maintenance of Concrete Substructure	43	19	0.000	6.000	1.000	12.000
Piles and Columns	3348	Maintenance of Concrete Substructure	0	8	0.000	0.000	0.000	8.000
	-	Ividintendince of Concrete Substructure		-	-	-	-	-

ucture Nun	nber <u>910069</u>	<u></u>	
an1			
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 1 Beam 1: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 16 INCH LONG X 4 INCH WIDE DOWN TO 5/8 INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1.
3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 2: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 10 INCH LONG X 3 INCH WIDE DOWN TO 5/8 INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1.
3314	Beam 3	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 1 Beam 3: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 12 INCH LONG X 20 INCH HIGH DOWN TO 5/16 INCH RESIDUAL WEB AND 35 INCH LONG X 10 INCH WIDE DOWN TO 1/2 INCH RESIDUAL BOTTOM FLANGE AT BENT 1.
2	Corrosion	1	Span 1 Beam 3: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 12 INCH LONG X 4 INCH WIDE DOWN TO 1/2 INCH INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1.
3314	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	5	Span 1 Beam 4: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14 INCH LONG X 24 INCH HIGH DOWN TO 1/4 INCH RESIDU WEB AND 58 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1.
3314	Beam 5	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	4	Span 1 Beam 5: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 12 INCH LONG X 20 INCH HIGH DOWN TO KNIFES EDGE RESIDUAL WEB WITH 4 INCH X 2 INCH HOLE AT END DIAPHRAGM AND 38 INCH LONG X 10 INCH WIDE DOWN TO 5/8 INCH INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1.
3314	Beam 6	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	4	Span 1 Beam 6: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 13 INCH LONG X 19 INCH HIGH DOWN TO 1/2 INCH RESIDU WEB AND 40 INCH LONG X 10 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1.

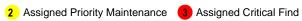
Structure Number 910069

Beam 7	Plate Girder	
Defect Type	Quantity	Defect Description
Corrosion	3	Span 1 Beam 7: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36 INCH LONG X UP TO 21 INCH HIGH DOWN TO KNIFES EDGE RESIDUAL WEB WITH 8 INCH X 3 INCH AREA OF UP TO 1/2 INCH DIAMETER HOLES IN WEB AND 36 INCH LONG X 10 INCH WIDE DOWN TO 1/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1.
Corrosion	1	Span 1 Beam 7: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 10 INCH LONG X 2 INCH WIDE DOWN TO 3/16 INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1.
Connection	1	Span 1 Beam 7 - Far Bearing: MISSING ANCHOR BOLT ON LEFT SIDE.
Beam 1	Plate Girder	
Defect Type	Quantity	Defect Description
Damage	1	Span 2 Beam 1: IMPACT DAMAGE TO BOTTOM COVER PLATE WITH 3 INCH X 1 INCH X 1/16 INCH GOUGE AND UP TO 1/2 INCH OF VERTICAL DEFLECTION AND 1/2 INCH OF RIGHT LATTERAL DEFLECTION LOCATED APPROXIMATELY 21 FOOT FROM BENT 1.
Beam 5	Plate Girder	
Defect Type	Quantity	Defect Description
Corrosion	3	Span 2 Beam 5: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36 INCH LONG X UP TO 17 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN RESIDUAL WEB AND 18 INCH LONG X 10 INCH WIDE DOWN TO 9/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1.
Corrosion	1	Span 2 Beam 5: CORROSION THROUGHOUT RIGHT SIDE STIFFENER WITH 4 INCH X 2 INCH LOSS OF SECTION AT BENT 1 BEARING.
Beam 6	Plate Girder	
Defect Type	Quantity	Defect Description
Corrosion	2	Span 2 Beam 6: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 10 INCH LONG X 16 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 17 INCH LONG X 4 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE AT BENT 1.
Beam 7	Plate Girder	
Defect Type	Quantity	Defect Description
Defect Type Corrosion	Quantity 2	Span 2 Beam 7: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18 INCH LONG X 20 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 23 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1.
	Defect Type Corrosion Connection Beam 1 Defect Type Damage Beam 5 Defect Type Corrosion Corrosion Beam 6 Defect Type Corrosion	Defect Type Quantity Corrosion 1 Connection 1 Beam 1 Plate Girder Defect Type Quantity Damage 1 Beam 5 Plate Girder Defect Type Quantity Corrosion 3 Corrosion 1 Beam 6 Plate Girder Defect Type Quantity Corrosion 2

Structure Num	ber 910069		
-			FLANGE UP TO 52 INCH LONG X 20 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 36 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 2.
2	Corrosion	1	Span 2 Beam 7: CORROSION THROUGHOUT LEFT SIDE STIFFENER WITH 7 INCH X 4 INCH LOSS OF SECTION AT BENT 1 BEARING.
2	Corrosion	1	Span 2 Beam 7: CORROSION THROUGHOUT VERTICAL STIFFENER WITH 15 INCH X 5 INCH LOSS OF SECTION ON LEFT SIDE AT BENT 2 BEARING.
2816	Wearing Surface	Asphalt Wearin	g Surface
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	4	Span 2 Wearing Surface: 42 INCH X 8 INCH X 3 INCH DEEP POTHOLE IN CENTER OF NORTHBOUND LANE ABOVE BENT 1.
Span3			
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 1: CORROSION THROUGHOUT RIGHT SIDE STIFFENER DOWN
1	Connection	1	TO KNIFES EDGE WITH (2) HOLES UP TO 4 INCH X 4 INCH AT BENT 3. Span 3 Beam 1 - Far Bearing: MISSING ANCHOR NUT ON EAST SIDE.
3314	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 3 Beam 4: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 26 INCH LONG X 6 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 34 INCH LONG X 10 INCH WIDE DOWN TO 9/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 2.
3334	Beam 7	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Loss of Bearing Area	1	Span 3 Beam 7 - Near Bearing: AREA OF DELAMINATION IN SPAN 3 FACE OF CAP BENEATH BEAM 7 NEAR BEARING WITH APPROXIMATELY 3 INCH X 3 INCH LOSS OF BEARING.
2816	Wearing Surface	Asphalt Wearin	g Surface
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	9	Span 3 Wearing Surface: 96 INCH LONG X 8 INCH WIDE X 3 INCH DEEP POTHOLE AND FAILED REPAIR IN CENTER OF NORTHBOUND LANE ABOVE BENT 2.







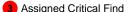
Structure Nun	nber 910069	_	
Span 4			
3334	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 4 Beam 1 - Near Bearing: MISSING ANCHOR ROD ON BOTH SIDES.
2	Corrosion	6	Span 4 Beam 1: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68 INCH LONG X UP TO 20 INCH HIGH DOWN TO 1/4 INCH RESIDUAL WEB WITH PIN HOLES BEHIND STIFFENER AND 52 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3.
2	Corrosion	1	Span 4 Beam 1: CORROSION THROUGHOUT RIGHT SIDE STIFFENER DOWN TO KNIFES EDGE WITH (2) HOLES UP TO 5 INCH X 4 INCH AT BENT 3.
3334	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 4 Beam 4 - Near Bearing: MISSING ANCHOR ROD ON WEST SIDE.
2	Corrosion	5	Span 4 Beam 4: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 47 INCH LONG X 18 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 52 INCH LONG X 10 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3.
3334	Beam 5	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 4 Beam 5 - Near Bearing: MISSING ANCHOR ROD ON EAST SIDE.
2	Corrosion	2	Span 4 Beam 5: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 16 INCH LONG X 6 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 14 INCH LONG X 4 INCH WIDE DOWN TO 1/2 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3.
3314	Beam 7	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 4 Beam 7: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36 INCH LONG X 19 INCH HIGH DOWN TO 3/8 INCH RESIDUAL WEB AND 36 INCH LONG X 10 INCH WIDE DOWN TO 3/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3.
2816	Wearing Surface	Asphalt Wearing	ng Surface
Priority Level	Defect Type	Quantity	Defect Description
2	Patched Area/Pothole	3	Span 4 Wearing Surface: 28 INCH X 8 INCH X 3 INCH DEEP POTHOLE IN CENTER OF SOUTHBOUND LANE ABOVE BENT 3.

Bent 2





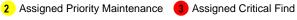




Structure Number 910069 3348 Cap 1 Reinforced Concrete Pier Cap **Priority** Level **Defect Type** Quantity **Defect Description** 2 Bent 2 Cap 1: 9 INCH WIDE X 10 INCH HIGH AREA OF DELAMINATION WITH 15 Delamination/Spall

INCH WIDE X 10 INCH HIGH X 3 INCH DEEP SPALL WITH EXPOSED REBAR IN TOP AND SPAN 3 FACE OF CAP BENEATH BEAM 7 BEARING.





Element Condition and Maintenance Data

Structure Number: 910069 Inspection Date: 10/17/2023

					••••		Jaie. <u>10/11/20</u>
Span 1	Deck						
Reinforced Conc	rete Deck						
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	·
	einforced Concrete Deck	2,179	1,751	425	3		Square Feet
Element Number Defect Typ	Defect Descri	ption		cs	CS Qty	Maint Qty	
12 Delamination/Sp	all (3) SPALLS UP TO 6 INCH X 6 INC DEEP WITH EXPOSED REBAR IN LEFT OVERHANG AT FAR END			3	3	3	Square Feet
Abrasion/Wear (PSC/RC)	WEAR AND 1/32 INCH MAP CRAC SHALLOW SURFACE SPALLING ¹ SIDEWALKS.			2			Square Fee
12 Delamination/Sp		TED CONCRETE		2	425	425	Square Fee

Spa	ın 1	Beam 1						
Plat	te Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	pen Girder/Beam	42	0	40	0	2	Feet
515	Steel P	rotective Coating	342	196	84	0	62	Square Feet
Elemen Numbe	Dofoot Typo	Defect D	escription		cs	CS Qty	Maint Qty	
√ 107	Corrosion	PAR: CORROSION ALONG R BOTTOM FLANGE UP TO 16 WIDE DOWN TO 5/8 INCH RE EXTENDING FROM END BEN	INCH LONG X 4 INCH ESIDUAL FLANGE		4	2	2	Peet
√ 107	Corrosion	AREAS OF SURFACE CORR	OSION IN VARIOUS		2	40		Feet
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	62	62	2 Square Feet
√ 515	Peeling/Bubbling/Crading (steel Protective Coatings)	CK PEELING PAINT ALONG WEI FLANGES IN VARIOUS LOCA			2	84	84	Square Feet
	General Comments							

Spa	n 1	Beam 2						
Plat	e Girder							
	nent nber Steel	Element Name Open Girder/Beam	Total Qty 42	CS1 Qty 0	CS2 Qty 41	CS3 Qty 0	CS4 Qty 1 Feet	
515		Protective Coating	342	216	0	84	42 Square Feet	
Elemen Numbe	Dofoct Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
√ 107	Corrosion	PAR: CORROSION ALONG RIGHT BOTTOM FLANGE UP TO 10 INCH WIDE DOWN TO 5/8 INCH RESIDU EXTENDING FROM END BENT 1	LONG X 3 INCH		4	1	1 Feet	
√ 107	Corrosion	AREAS OF SURFACE CORROSIO LOCATIONS	N IN VARIOUS		2	41	Feet	

√ 515	Effectiveness (Steel COATING FAILED Protective Coatings)	4	42	42 Square Feet
√ 515	Peeling/Bubbling/Crack PEELING PAINT ALONG WEB AND BOT ing (steel Protective FLANGES IN VARIOUS LOCATIONS Coatings)	TH 3	84	84 Square Feet

General Comments

38 INCH LONG X 7 INCH WIDE X 1 INCH DEEP SPALL WITH EXPOSED REBAR IN END DIAPHRAGM ADJACENT TO BEAM 3 AT BENT 1

Spa	ın 1	Beam 3						
Plat	te Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam 42			0	38	0	4	Feet
515	Steel Pro	tective Coating	342	216	0	84	42	Square Feet
Elemer Numbe	Defeat Tree	Defect Des	Defect Description				Maint Qty	
<u>7</u> 107	Corrosion	PAR: CORROSION ALONG BO AND BOTTOM FLANGE UP TO INCH HIGH DOWN TO 5/16 INC AND 35 INCH LONG X 10 INCH 1/2 INCH RESIDUAL BOTTOM	12 INCH LONG X 20 CH RESIDUAL WEB I WIDE DOWN TO		4	3	;	3 Feet
107	Corrosion	PAR: CORROSION ALONG RIC BOTTOM FLANGE UP TO 12 IN WIDE DOWN TO 1/2 INCH INCI FLANGE EXTENDING FROM E	NCH LONG X 4 INCH H RESIDUAL		4	1		1 Feet
7 107	Corrosion	AREAS OF SURFACE CORROS	SION IN VARIOUS		2	38		Feet
515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	42	4	2 Square Feet
515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB FLANGES IN VARIOUS LOCAT			3	84	8	4 Square Feet

Spa	n 1	Beam 4						
Plat	e Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	42	17	20	0	5	Feet
515	Steel Pro	tective Coating	342	208	50	84	0	Square Feet
Elemen Numbe	Dofoot Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
√ 107	Corrosion	PAR: CORROSION ALONG BOTI AND BOTTOM FLANGE UP TO 1 INCH HIGH DOWN TO 1/4 INCH AND 58 INCH LONG X 10 INCH V 5/16 INCH RESIDUAL BOTTOM I EXTENDING FROM BENT 1	4 INCH LONG X 24 RESIDUAL WEB WIDE DOWN TO		4	5	Ę	5 Feet
√ 107	Corrosion	AREAS OF SURFACE CORROSI LOCATIONS	ON IN VARIOUS		2	20		Feet
√ 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AI FLANGES IN VARIOUS LOCATION			3	84	84	Square Feet
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			2	50	50	Square Feet
•	General Comments							

90 INCH LONG X 10 INCH AREA OF DELAMINATION IN BOTTOM AND SPAN 1 FACE OF END DIAPHRAGM IN BAY 4 AT BENT 1

Spa	n 1	Beam 5						
Plate	e Girder							
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	42	18	20	0	4 F	eet
515	Steel Pro	etective Coating	342		0	84	48 \$	Square Feet
Elemen Number	Dofoot Typo	•			cs	CS Qty	Maint Qty	
7 107	Corrosion	PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 12 INCH LONG X 20 INCH HIGH DOWN TO KNIFES EDGE RESIDUAL WEB WITH 4 INCH X 2 INCH HOLE AT END DIAPHRAGM AND 38 INCH LONG X 10 INCH WIDE DOWN TO 5/8 INCH INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1			4	4	4	Feet
/ 107	Corrosion	AREAS OF SURFACE CORROS LOCATIONS	ION IN VARIOUS		2	20		Feet
515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	48	48	Square Feet
515	Peeling/Bubbling/Cracking (steel Protective Coatings)	REELING PAINT ALONG WEB A FLANGES IN VARIOUS LOCATION			3	84	84	Square Feet

Spa	n 1	Beam 6						
Plat	e Girder							
Elen Nun	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	42	18	20	0	4 F	eet
515	Steel Pro	tective Coating	342	210	0	84	48 \$	Square Feet
Elemen Numbe	Dofoot Tymo	Defect Descri	ption		cs	CS Qty	Maint Qty	
√ 107	Corrosion	PAR: CORROSION ALONG BOTH AND BOTTOM FLANGE UP TO 13 INCH HIGH DOWN TO 1/2 INCH RI AND 40 INCH LONG X 10 INCH WI 5/8 INCH RESIDUAL BOTTOM FLA EXTENDING FROM BENT 1	INCH LONG X 19 ESIDUAL WEB IDE DOWN TO		4	4	4	Feet
√ 107	Corrosion	AREAS OF SURFACE CORROSIO LOCATIONS	N IN VARIOUS		2	20		Feet
✓ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	48	48	Square Feet
√ 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND FLANGES IN VARIOUS LOCATION			3	84	84	Square Feet
-	General Comments							

Spa	n 1	Beam 7						
Plate	e Girder							
Elen Nun 107	nber	Element Name en Girder/Beam	Total Qty 42	CS1 Qty 18	CS2 Qty	CS3 Qty	CS4 Qty 4 F	-eet
515	·	tective Coating	342	210	0	84		Square Feet
Elemen Number	Defeat Tyme	Defect Description	on		cs	CS Qty	Maint Qty	
√ 107	Corrosion	PAR: CORROSION ALONG BOTH FA AND BOTTOM FLANGE UP TO 36 IN: UP TO 21 INCH HIGH DOWN TO KNI RESIDUAL WEB WITH 8 INCH X 3 IN UP TO 1/2 INCH DIAMETER HOLES I 36 INCH LONG X 10 INCH WIDE DOW INCH RESIDUAL BOTTOM FLANGE I FROM BENT 1	CH LONG X FES EDGE CH AREA OF N WEB AND VN TO 1/8		4	3	-	Feet
√ 107	Corrosion	PAR: CORROSION ALONG RIGHT EI BOTTOM FLANGE UP TO 10 INCH LO WIDE DOWN TO 3/16 INCH RESIDUA EXTENDING FROM END BENT 1	ONG X 2 INCH		4	1	1	Feet
√ 107	Corrosion	AREAS OF SURFACE CORROSION I	N VARIOUS		2	20		Feet
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	48	48	Square Feet
√ 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND E FLANGES IN VARIOUS LOCATIONS	ЮТН		3	84	84	Square Feet
-	General Comments							

Spa	Span 1		Surface								
Ası	Asphalt Wearing Surface										
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
510	Wearin	ng Surface	1,743	1,302	0	441	0 S	quare Feet			
Eleme Numbe	Dofoct Typo	Defect Des	cription		CS	CS Qty	Maint Qty				
√ 510	Crack (Wearing Surface)	INTERMITTENT LONGITUDINA TRANSVERSE CRACKING (UP THROUGHOUT ASPHALT WEA	TO 1/4 INCH)		3	385	385	Square Feet			
√ 510	Crack (Wearing Surface)	UP TO 1/8 INCH TRANSVERSE END BENT 1	CRACKS ALONG		3	56	56	Square Feet			
	General Comments										

Spa	n 1	Left Bridge	Rail					
Con	crete and Metal	Railing						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other I	Bridge Railing	43	18	25	0	0	Feet
Elemen Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
✓ 333	7 333 Cracking (RC and UP TO 0.016 INCH CRACKS IN TOP A IN VARIOUS LOCA				2	25	·	Feet
-	General Comments							

Spa	n 1	Right Brid	ge Rail							
Concrete and Metal Railing										
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
333	Other B	Bridge Railing	43	16	27	0	0 F	eet		
Elemen Number	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty			
✓ 333	Connection	LOOSE ANCHOR NUT AT SOUT OF RAIL POST 2	THEAST CORNER		2	1	1	Feet		
✓ 333	Cracking (RC and Other)	UP TO 0.016 INCH TRANSVERS CRACKS IN TOP AND BOTH FA IN VARIOUS LOCATIONS			2	25		Feet		
✓ 333	Damage Comments	WELDED REPAIR TO BOTTOM POST 1	OF ALUMINUM		2	1	1	Feet		

General C	omments
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Spa	an 1			Near Bearing 1						
Oth	er B	earing								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings		1	0	0	1	0	Each
515		Steel Pr	otective Coating		1	0	0	0	1	Square Feet
Elemer Numbe		Defect Type		Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corr	rosion	CORROSION THR	OUGHOUT			3	1		1 Each
√ 515		ctiveness (Steel ective Coatings)	COATING FAILED				4	1		1 Square Feet
	Gene	ral Comments								

Spa	n 1	Far	Bearing 1						
Oth	er Bearing								
	ment nber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings		1	0	0	1	0	Each
515	Steel P	rotective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo	De	fect Description			cs	CS Qty	Maint Qty	
✓ 316	Corrosion	CORROSION THROUG	HOUT			3	1	•	Each
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED				4	1	•	Square Feet
-	General Comments								

Spa	Span 1			Near Bearing 2						
Oth	er Bear	ring								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings		1	0	0	1	0	Each
515		Steel Pr	otective Coating		1	0	0	0	1	Square Feet
Elemer Numbe	. D	efect Type		Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corrosio	on	CORROSION THR	OUGHOUT			3	1		1 Each
√ 515		eness (Steel ve Coatings)	COATING FAILED				4	1		1 Square Feet
	General	Comments								

Spar Othe	n 1 er Bearing	Far Bearing 2						
Elem Num 316		Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty	CS4 Qty	
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Element Number	Dofoot Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
/ 316	Corrosion	CORROSION THROUGHOUT			3	1	-	1 Each
515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet

Spa	an 1		Near Bearing 3						
Oth	er Bearing								
	ment mber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Othe	er Bearings		1	0	0	1	0	Each
515	Stee	I Protective Coating		1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo		Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corrosion	CORROSION THRO	DUGHOUT			3	1	1	I Each
√ 515	Effectiveness (Stee Protective Coating					4	1	1	I Square Feet
	General Comments	S							

Span 1		Far Bearing 3						
Other Bea	aring							
Element Number	Element l	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings		1	0	0	1	0 Each	
515	Steel Protective Coating	1	1	0	0	0	1 Square Feet	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	
✓ 316 Corros	sion CORROSIOI	N THROUGHOUT			3	1	1 Each	

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√ 515

Effectiveness (Steel Protective Coatings)

COATING FAILED

1 Square Feet 4

Spa	ın 1	Near B	earing 4					
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Othe	er Bearings	1	0	0	1	0	Each
515	Stee	el Protective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect	Description		cs	CS Qty	Maint Qty	
✓ 316	Corrosion	CORROSION THROUGHOU	JT		3	1		1 Each
√ 515	Effectiveness (Ste Protective Coating				4	1		1 Square Feet
-	General Comment	s						

Spa	an 1		Far Bearing 4						
Oth	er Bearing								
	ment mber	Element Name		Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
316	Other E	Bearings		1	0	0	1	0	Each
515	Steel P	rotective Coating		1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo		Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corrosion	CORROSION THRO	DUGHOUT			3	1	1	Each
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED				4	1	1	Square Feet
	General Comments								

Spa	n 1	Near Bear	ring 5					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
✓ 316	Corrosion	CORROSION THROUGHOUT			3	1		1 Each
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet
	General Comments							

Spa	an 1			Far Bearing 5						
Oth	er B	earing								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings		1	0	0	1	0	Each
515		Steel Pro	otective Coating		1	0	0	0	1	Square Feet
Elemer Numbe		Defect Type		Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corr	osion	CORROSION THR	OUGHOUT			3	1		1 Each
√ 515		ctiveness (Steel ective Coatings)	COATING FAILED				4	1	,	1 Square Feet
	Gene	ral Comments								

Spar Othe	n 1 er Bearing	Near Bearing 6						
Elem Num 316		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515		otective Coating	1	0	0	0	1	Square Feet
Element Number	Dofoot Typo	Defect Description	n		cs	CS Qty	Maint Qty	
√ 316	Corrosion	CORROSION THROUGHOUT			3	1		1 Each
	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet

Spa	ın 1		Far Bearing 6						
Oth	er Bearing								
	ment mber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other	Bearings		1	0	0	1	0	Each
515	Steel F	Protective Coating		1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo		Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corrosion	CORROSION THRO	DUGHOUT			3	1	1	Each
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED				4	1	1	Square Feet
	General Comments								

Span 1		Near Bear	ring 7					
Other E	Bearing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	0	1	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
✓ 316 Cor	rrosion	CORROSION THROUGHOUT			3	1		1 Each

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√ 515

Effectiveness (Steel Protective Coatings)

COATING FAILED

4

1 Square Feet

า 1	Far Beari	ng 7					
er Bearing							
nent iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	Qty	
Other Be	earings	1	0	0	1	0	Each
Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
Connection	PAR: MISSING ANCHOR BOLT	ON LEFT SIDE		3	1		1 Each
Corrosion	CORROSION THROUGHOUT			3			1 Each
Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet
	er Bearing The steel Pr Defect Type Connection Corrosion Effectiveness (Steel	Per Bearing Tent ber Element Name Other Bearings Steel Protective Coating Defect Type Defect Deservice Connection PAR: MISSING ANCHOR BOLT Corrosion CORROSION THROUGHOUT Effectiveness (Steel COATING FAILED	Per Bearing Total ber Element Name Qty Other Bearings 1 Steel Protective Coating 1 Defect Type Defect Description Connection PAR: MISSING ANCHOR BOLT ON LEFT SIDE Corrosion CORROSION THROUGHOUT Effectiveness (Steel COATING FAILED	Part Connection PAR: MISSING ANCHOR BOLT ON LEFT SIDE	Part Part	Part Connection PAR: MISSING ANCHOR BOLT ON LEFT SIDE Connection CORROSION THROUGHOUT Connection Connect	Part Connection PAR: MISSING ANCHOR BOLT ON LEFT SIDE Connection CORROSION THROUGHOUT CORROSION

Spa	an 2	Deck						
Rei	inforced Concrete	Deck						
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	3,383	3,056	324	3	0 S	quare Feet
Eleme Numb	Dofoot Typo	Defect Description	on		cs	CS Qty	Maint Qty	
√ 12	Delamination/Spall	6 INCH X 36 INCH X 1 INCH DEEP SF EXPOSED REINFORCING, EAST OVI BENT 1.			3	3	3	Square Feet
√ 12	Cracking (RC and Other)	UP TO 1/16 INCH LONGITUDINAL CR HAIRLINE MAP CRACKING IN TOP O IN VARIOUS LOCATIONS THROUGH	F SIDEWALKS	3	2		100	Square Feet
√ 12	Delamination/Spall	(20) 4 INCH X 1 INCH X 1/2 INCH SPA EXPOSED REINFORCING, AT RAND EAST EDGE OF EAST OVERHANG			2	20	20	Square Feet
√ 12	Delamination/Spall	(4) 6 INCH DIAMETER X 1/2 INCH DE WITH EXPOSED REBAR IN LEFT OV BENT 2			2	4	4	Square Feet
√ 12	Delamination/Spall	AREAS OF POORLY CONSOILDATEI			2	300	300	Square Feet
	General Comments							

Span 2		Beam 1						
Plate Gi	rder							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		66	0	64	2	0	Feet
515	Steel Protective Coating		541	211	0	132	198	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>910069</u>			Inspection	n Date: 10/17/2023
√ 107	Damage	PAR: IMPACT DAMAGE TO BOTTOM COVER PLATE WITH 3 INCH X 1 INCH X 1/16 INCH GOUGE AND UP TO 1/2 INCH OF VERTICAL DEFLECTION AND 1/2 INCH OF RIGHT LATTERAL DEFLECTION LOCATED APPROXIMATELY 21 FOOT FROM BENT 1	3	1	Feet
√ 107	Distortion	IMPACT DAMAGE TO BOTTOM COVER PLATE WITH 3 INCH X 1 INCH X 1/16 INCH GOUGE AND UP TO 1/2 INCH OF VERTICAL DEFLECTION AND 1/2 INCH OF RIGHT LATTERAL DEFLECTION LOCATED APPROXIMATELY 21 FOOT FROM BENT 1	3	1	Feet
√ 107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	64	Feet
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	198 1	98 Square Feet
√ 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	132 1	32 Square Feet
	General Comments				

Spa	n 2	Beam 2						
Plate	e Girder							
Elen Num 107		Element Name en Girder/Beam	Total Qty 66	CS1 Qty 0	CS2 Qty 66	CS3 Qty 0	CS4 Qty 0 F	eet
515	Steel Pro	tective Coating	541	211	0	132	198 \$	Square Feet
Elemen Number	Defect Type	Defect I	Description		cs	CS Qty	Maint Qty	
√ 107	Corrosion	AREAS OF SURFACE CORF LOCATIONS	ROSION IN VARIOUS		2	66		Feet
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	198	198	Square Feet
√ 515	o o	PEELING PAINT ALONG WE FLANGES IN VARIOUS LOC			3	132	132	Square Feet
-	General Comments							

Spa	n 2	Beam 3						
Plat	e Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	66	0	66	0	0 F	eet
515	Steel Pro	otective Coating	541	211	0	132	198 S	Square Feet
Elemen	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
107	Corrosion	AREAS OF SURFACE CORROS	SION IN VARIOUS		2	66		Feet
515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	198	198	Square Feet
515	Peeling/Bubbling/Cracking (steel Protective Coatings)	REPLING PAINT ALONG WEB A FLANGES IN VARIOUS LOCAT			3	132	132	Square Feet

							•	
Spai	n 2	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	66	0	63	3	0 F	eet
515	Steel Pro	tective Coating	541	211	0	132	198 S	Square Feet
Element Number	umber Defect Type Defect Description				cs	CS Qty	Maint Qty	
<u>√</u> 107	Corrosion	CORROSION ALONG WEB AN UP TO 12 INCH LONG X 16 IN 1/2 INCH RESIDUAL WEB AND INCH WIDE DOWN TO 11/16 I BOTTOM FLANGE AT BENT 1	ICH HIGH DOWN TO 24 INCH LONG X 10		3	2	2	Feet
√ 107	Damage	BEAM 4 IN SPAN 2 HAS A 7 IN WIDE X 1/16 INCH DEEP GOU FLANGE COVER PLATE. LOCA NORTH END OF BEAM.	GE IN BOTTOM		3	1	1	Feet
√ 107	Corrosion	AREAS OF SURFACE CORRO LOCATIONS	SION IN VARIOUS		2	63		Feet
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	198	198	Square Feet
√ 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB FLANGES IN VARIOUS LOCAT			3	132	132	Square Feet

General Comments

42 INCH LONG X 10 INCH WIDE X 3 INCH DEEP SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 2 FACE OF END DIAPHRAGM AT BENT 1

Spa	ın 2	Beam 5						
Plat	e Girder							
	ment nber Steel	Element Name I Open Girder/Beam	Total Qty 66	CS1 Qty	CS2 Qty 61	CS3 Qty 1	CS4 Qty 4 Fe	eet
515	Steel	Protective Coating	541	211	0	132	198 S	quare Feet
Elemen Numbe	Dafaat Tuna	Defect Descrip	otion		cs	CS Qty	Maint Qty	
✓ 107	Corrosion	PAR: CORROSION ALONG BOTH I AND BOTTOM FLANGE UP TO 36 I UP TO 17 INCH HIGH WITH NO ME LOSS OF SECTION IN RESIDUAL I INCH LONG X 10 INCH WIDE DOW RESIDUAL BOTTOM FLANGE EXT BENT 1	INCH LONG X EASURABLE WEB AND 18 IN TO 9/16 INCH		4	3	-	Feet
√ 107	Corrosion	PAR: CORROSION THROUGHOUT STIFFENER WITH 4 INCH X 2 INCH SECTION AT BENT 1 BEARING			4	1	1	Feet
√ 107	Damage	3 SMALL GOUGES UP TO 2 INCH DEEP IN BOTTOM FLANGE COVE LOCATED 26 FEET FROM NORTH	R PLATE		3	1		Feet
√ 107	Corrosion	AREAS OF SURFACE CORROSION LOCATIONS	N IN VARIOUS		2	61		Feet
√ 515	Effectiveness (Stee				4	198	198	Square Feet
√ 515	Peeling/Bubbling/Cing (steel Protective Coatings)	crack PEELING PAINT ALONG WEB AND E FLANGES IN VARIOUS LOCATION			3	132	132	Square Feet

OF END DIAPHRAGM AT BENT 1

Spa	n 2	Beam 6						
Plate	e Girder							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	n Girder/Beam	66	0	64	0	2	-eet
515	Steel Pro	ective Coating	541	211	132	0	198	Square Feet
Element Number	Dofoot Typo	Defect D	Description		cs	CS Qty	Maint Qty	
√ 107	Corrosion	PAR: CORROSION ALONG E AND BOTTOM FLANGE UP T INCH HIGH WITH NO MEASU SECTION IN WEB AND 17 IN WIDE DOWN TO 5/8 INCH RI FLANGE AT BENT 1	O 10 INCH LONG X 16 JRABLE LOSS OF CH LONG X 4 INCH		4	2	2	Feet
√ 107	Corrosion	AREAS OF SURFACE CORR LOCATIONS	OSION IN VARIOUS		2	64		Feet
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	198	198	Square Feet
√ 515	Peeling/Bubbling/Crack ing (steel Protective Coatings)	PEELING PAINT ALONG WE FLANGES IN VARIOUS LOCA			2	132	132	Square Feet
(General Comments							

Spa	n 2	В	eam 7					
Plat	e Girder							
Nur	ment nber	Element Name	Total Qty		,	CS3 Qty	CS4 Qty	
107		Steel Open Girder/Beam	66	0	56	1	9	Feet
515		Steel Protective Coating	541	211	0	132	198	Square Feet
Elemen Numbe	Dafaat	Туре	Defect Description		cs	CS Qty	Maint Qty	
107	Corrosion	AND BOTTOM FLAN INCH HIGH WITH NO SECTION IN WEB AN	LLONG BOTH FACES OF W GE UP TO 18 INCH LONG () MEASURABLE LOSS OF ND 23 INCH LONG X 10 INC 6 INCH RESIDUAL BOTTON G FROM BENT 1	K 20 CH	4	2	:	2 Feet
V 107	Corrosion	AND BOTTOM FLAN INCH HIGH DOWN T		K 20 B	4	5	;	3 Feet
√ 107	Corrosion		HROUGHOUT LEFT SIDE INCH X 4 INCH LOSS OF I BEARING		4	1		Feet
√ 107	Corrosion	STIFFENER WITH 15	THROUGHOUT VERTICAL 5 INCH X 5 INCH LOSS OF SIDE AT BENT 2 BEARING		4	1		Feet
☑ 107	Damage	PLATE WITH 1 1/2 IN GOUGE AND 11 INC UP TO 1 INCH OF V	GE TO BOTTOM COVER ICH X 1/2 INCH X 1/16 INCH H LONG BROKEN WIELD V ERTICAL DEFLECTION MATELY 21 FOOT FROM B	VITH	3	1		Feet

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√ 107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	56	Feet	
√ 107	Distortion	PAR: IMPACT DAMAGE TO BOTTOM COVER PLATE WITH 1 1/2 INCH X 1/2 INCH X 1/16 INCH GOUGE AND 11 INCH LONG BROKEN WIELD WITH UP TO 1 INCH OF VERTICAL DEFLECTION LOCATED APPROXIMATELY 21 FOOT FROM BENT 1	2		Feet	
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	198	198 Square Feet	
√ 515	0	k PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	132	132 Square Feet	
	General Comments					

Spa	n 2	Wearing S	urface					
Asp	halt Wearing Surfa	ace						
Elen Nun 510	nent nber Wearing	Element Name Surface	Total Qty 2,706	CS1 Qty 2,596	CS2 Qty 0	CS3 Qty 110	CS4 Qty 0 S	quare Feet
Elemen Numbe	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
√ 510	Crack (Wearing Surface)	UP TO 1 INCH TRANSVERSE, L AND DIAGONAL CRACKS IN VA THROUGHOUT	,	IS	3	50	50	Square Feet
√ 510	Crack (Wearing Surface)	UP TO 1/8 INCH TRANSVERSE BENT 1	CRACK ALONG		3	56	56	Square Feet
√ 510	Patched Area/Pothole (Wearing Surface)	PAR: 42 INCH X 8 INCH X 3 INC IN CENTER OF NORTHBOUND 1		=	3	4	4	Square Feet
-	General Comments							

Spa	n 2	Left Bridge	Rail					
Cor	ncrete and Metal	Railing						
Nui	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other	Bridge Railing	66	26	40	0	0 Feet	
Elemer Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
✓ 333	Cracking (RC and Other)	UP TO 0.016 INCH TRANSVERSI CRACKS IN TOP AND BOTH FAC IN VARIOUS LOCATIONS			2	40	Fee	t
	General Comments							

Span 2		Right Bridge Rail						
Concret	te and Metal Railing							
Element Number		me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing		66	26	40	0	0 Feet	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Feet

✓ 333

Cracking (RC and Other)

UP TO 0.016 INCH TRANSVERSE AND VERTICAL CRACKS IN TOP AND BOTH FACES OF PARAPET IN VARIOUS LOCATIONS

General Comments

Spar	n 2	Near Bearing	1					
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bo	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Element Number	Dofoot Typo	Defect Descrip	tion		cs	CS Qty	Maint Qty	
7 316	Corrosion	CORROSION THROUGHOUT			3	1		1 Each
	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet
(General Comments							

Spai Othe	n 2 er Bearing	Far Bearing 1						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Element Number	Dofoct Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
✓ 316	Corrosion	SURFACE CORROSION THROUGHO	DUT		2	1	-	Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1		1 Square Feet

Spa Oth	nn 2 er Bearing	Near Bear	ring 2					
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bo	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
✓ 316	Corrosion	CORROSION THROUGHOUT			3	1		1 Each
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet

General Comments

•	an 2 her Bearing	Far Bearing	2					
	ement imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Oth	er Bearings	1	0	1	0	0	Each
515	Ste	el Protective Coating	1	0	0	1	0	Square Feet
Eleme Numb	Dofoct Type	e Defect Descri	iption		cs	CS Qty	Maint Qty	
✓ 316	Corrosion	SURFACE CORROSION THROUG	SHOUT		2	1	-	Each
√ 515	Effectiveness (Ste Protective Coating				3	1	,	I Square Feet
	General Commen	ts						

Spa	an 2			Near Bearing 3						
Oth	er Be	aring								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings		1	0	0	1	0	Each
515		Steel Pro	otective Coating		1	0	0	0	1	Square Feet
Elemer Numbe		Defect Type		Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corro	sion	CORROSION THR	OUGHOUT			3	1		1 Each
√ 515		iveness (Steel ctive Coatings)	COATING FAILED				4	1		1 Square Feet
	Genera	al Comments								

Spa	n 2	Far Bearing	g 3					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other	Bearings	1	0	1	0	0	Each
515	Steel	Protective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
✓ 316	Corrosion	SURFACE CORROSION THROU	GHOUT		2	1		Each
✓ 515	Effectiveness (Stee Protective Coatings				3	1	1	I Square Feet
	General Comments							

Span 2 Other Bearin	Near Bearin g	g 4					
Element Number 316	Element Name Other Bearings	Total Qty	CS1 Qty 0	CS2 Qty 0	CS3 Qty	CS4 Qty	
515	Steel Protective Coating	1	0	0	0	-	Square Feet
Element Number Defect 316 Corrosion	ct Type Defect Descr	iption		cs	CS Qty	Maint Qty	1 Each

4

1 Square Feet

✓ 515 Effectiveness (Steel Protective Coatings)

General Comments

General Comments

COATING FAILED

Span 2 Far Bearing 4 **Other Bearing** CS2 Element Total CS1 CS3 CS4 Number **Element Name** Qty Qty Qty Qty Qty 316 Other Bearings 0 0 0 Each 515 Steel Protective Coating 0 0 1 0 Square Feet Maint **Element Defect Type Defect Description** CS **CS Qty** Number Qty ✓ 316 Corrosion SURFACE CORROSION THROUGHOUT 2 Each **√** 515 Effectiveness (Steel LIMITED EFFECTIVENESS 3 1 1 Square Feet Protective Coatings)

-	an 2 ner Bearing	Nea	ar Bearing 5					
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Othe	r Bearings	1	0	0	1	0	Each
515	Stee	I Protective Coating	1	0	0	0	1	Square Feet
Elemei Numbe	Dofoct Typo	De	fect Description		cs	CS Qty	Maint Qty	
✓ 316	Corrosion	CORROSION THROUG	HOUT		3	1		1 Each
√ 515	Effectiveness (Stee Protective Coating				4	1		1 Square Feet
	General Comments	6						

Spa	an 2	Far Bear	ing 5					
Oth	ner Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Othe	er Bearings	1	0	1	0	0	Each
515	Stee	el Protective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Defect Type	Defect De	escription		cs	CS Qty	Maint Qty	_
✓ 316	Corrosion	SURFACE CORROSION THR	OUGHOUT		2	1		Each
√ 515	Effectiveness (Ste Protective Coating				3	1	1	Square Feet
	General Comment	s						

Spa	an 2			Near Bearing 6						
Oth	er Be	earing								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings		1	0	0	1	0	Each
515		Steel Pro	otective Coating		1	0	0	0	1	Square Feet
Elemer Numbe		Defect Type		Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corro	osion	CORROSION THR	OUGHOUT			3	1		1 Each
√ 515		ctiveness (Steel ective Coatings)	COATING FAILED				4	1	,	1 Square Feet
	Gener	ral Comments								

Spar Othe	n 2 er Bearing	Far Bearing 6						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS ² Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Element Number	Dofoot Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
√ 316	Corrosion	SURFACE CORROSION THROUGHO	DUT		2	1		Each
	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1		1 Square Feet

Spa	an 2		Near Bearing 7						
Oth	er Bearing								
	ment mber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Ot	her Bearings		1	0	0	1	0	Each
515	Sto	eel Protective Coating		1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Tyr	oe .	Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corrosion	CORROSION THR	OUGHOUT			3	1	1	Each
✓ 515	Effectiveness (S Protective Coatin					4	1	1	Square Feet
	General Comme	nts							

Span 2		Far Bearin	g 7					
Other Bea	aring							
Element Number	Ele	ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings		1	0	0	1	0 Each	
515	Steel Protective	Coating	1	0	0	0	1 Square Fe	et
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316 Corros	sion CORF	ROSION THROUGHOUT			3	1	1 Each	

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Effectiveness (Steel Protective Coatings) **√** 515

General Comments

1 Square Feet COATING FAILED 4

Spa	n 3	Deck						
Rei	nforced Concrete	Deck						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ced Concrete Deck	3,101	2,918	20	163	0 S	quare Feet
Elemer Numbe	Defect Type	Defect Descrip	otion		cs	CS Qty	Maint Qty	
√ 12	Cracking (RC and Other)	UP TO 1/16 INCH LONGITUDINAL HAIRLINE MAP CRACKING IN TOF IN VARIOUS LOCATIONS THROU	OF SIDEWALKS	3	3		100	Square Feet
√ 12	Delamination/Spall	FULL LENGTH SPALL (6 INCH X 6 RIGHT SIDE OF BEAM 7	INCH) ALONG		3	60	60	Square Feet
√ 12	Delamination/Spall	36 INCH X 8 INCH X 1 INCH DEEP EXPOSED REBAR IN BOTTOM OF NEAR MIDSPAN			3	3	3	Square Feet
√ 12	Delamination/Spall	SPALLING UP TO 6 INCH DIAMETI DEEP IN VARIOUS LOCATIONS AI BEAMS 3, 4 AND 5 TOP FLANGE		F	3	100	100	Square Feet
√ 12	Patched Areas	20 SQUARE FEET PATCHING TO DECK IN BAY 5, AT MIDSPAN.	UNDERSIDE OF		2	20		Square Feet
	General Comments							

Spai	n 3		Beam 1						
Plate	e Girder								
Elen Num	nber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	;	Steel Open Girder/Bea	m	61	0	58	2	1 F	eet
515	;	Steel Protective Coatin	g	495	165	0	132	198 S	Square Feet
Element	Defect T	уре	Defect Descri	otion		cs	CS Qty	Maint Qty	
/ 107	Corrosion	STIFFENER	OSION THROUGHOUT DOWN TO KNIFES ED TO 4 INCH X 4 INCH A	GE WITH (2)		4	1	1	Feet
7 107	Corrosion	BOTTOM FL INCH HIGH AND 24 INC	N ALONG BOTH FACE ANGE UP TO 24 INCH DOWN TO 1/2 INCH RI H LONG X 10 INCH WI SIDUAL BOTTOM FLA	LONG X 18 ESIDUAL WEB DE DOWN TO		3	2	2	Feet
7 107	Corrosion	AREAS OF S	SURFACE CORROSIO	N IN VARIOUS		2	15		Feet
107	Damage		IMPACT DAMAGE WI	TH UP TO 1/16		2	20		Feet
<u>/</u> 107	Distortion		EAS OF UP TO 1/2 INC N FROM IMPACT DAM			2	23		Feet
515	Effectiveness of Protective Coa		AILED			4	198	198	Square Feet
515	Peeling/Bubbli ing (steel Prote Coatings)		AINT ALONG WEB AND VARIOUS LOCATION			3	132	132	Square Feet

INCH X 6 INCH X 3 INCH DEEP SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 3 FACE OF END DIAPHRAGM AT BENT 3

Spa	an 3	Beam 2						
Pla	te Girder							
	ement imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	61	0	61	0	0	Feet
515	Steel Pro	tective Coating	495	165	0	132	198	Square Feet
Eleme	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
√ 107	Corrosion	AREAS OF SURFACE CORROS LOCATIONS	ION IN VARIOUS		2	40	-	Feet
√ 107	Damage	20 FOOT OF IMPACT DAMAGE INCH GOUGING THROUGHOUT			2	20		Feet
√ 107	Distortion	UP TO 1/2 INCH VERTICAL DEF IMPACT DAMAGE NEAR MIDSP			2	1		Feet
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	198	198	Square Feet
√ 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB A FLANGES IN VARIOUS LOCATION			3	132	132	2 Square Feet

INCH X 6 INCH X 3 INCH DEEP SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 3 FACE OF END DIAPHRAGM AT BENT 3

n 3	Beam 3						
e Girder							
nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Ope	en Girder/Beam	61	0	60	1	0 1	Feet
Steel Pro	tective Coating	495	241	0	132	122	Square Feet
t Defect Type	Defect Descr	iption		cs	CS Qty	Maint Qty	
Distortion				3	1	1	Feet
Corrosion	AREAS OF SURFACE CORROSIC LOCATIONS	ON IN VARIOUS		2	30		Feet
Damage	30 FOOT OF IMPACT DAMAGE WINCH GOUGING THROUGHOUT	/ITH UP TO 1/16		2	30		Feet
Effectiveness (Steel Protective Coatings)	COATING FAILED			4	122	122	Square Feet
Peeling/Bubbling/Cracking (steel Protective Coatings)				3	132	132	Square Feet
	steel Ope Steel Ope Steel Pro t Defect Type Distortion Corrosion Damage Effectiveness (Steel Protective Coatings) Peeling/Bubbling/Cracking (steel Protective	Element Name Steel Open Girder/Beam Steel Protective Coating Topic Defect Type Defect Type Defect Descr Distortion UP TO 1 INCH VERTICAL DEFLECT IMPACT DAMAGE NEAR MIDSPA Corrosion AREAS OF SURFACE CORROSIC LOCATIONS Damage 30 FOOT OF IMPACT DAMAGE WINCH GOUGING THROUGHOUT Effectiveness (Steel Protective Coatings) Peeling/Bubbling/Crack PEELING PAINT ALONG WEB AN ing (steel Protective FLANGES IN VARIOUS LOCATIONS)	nent Steel Open Girder/Beam 61 Steel Protective Coating 495 Total Open Girder/Beam 61 Steel Protective Coating 495 Defect Description UP TO 1 INCH VERTICAL DEFLECTION FROM IMPACT DAMAGE NEAR MIDSPAN Corrosion AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS Damage 30 FOOT OF IMPACT DAMAGE WITH UP TO 1/16 INCH GOUGING THROUGHOUT Effectiveness (Steel Protective Coatings) Peeling/Bubbling/Crack PEELING PAINT ALONG WEB AND BOTH ing (steel Protective FLANGES IN VARIOUS LOCATIONS	reent Blement Name	rent Blement Name	reent Blement Name Qty Qty Qty Qty Qty Steel Open Girder/Beam 61 0 60 1 Steel Protective Coating 495 241 0 132 The Defect Type Defect Description CS CS Qty Distortion UP TO 1 INCH VERTICAL DEFLECTION FROM IMPACT DAMAGE NEAR MIDSPAN Corrosion AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS Damage 30 FOOT OF IMPACT DAMAGE WITH UP TO 1/16 1NCH GOUGING THROUGHOUT Effectiveness (Steel COATING FAILED 4 122 Protective Coatings) Peeling/Bubbling/Crack PEELING PAINT ALONG WEB AND BOTH 1 3 132	Nent Element Name Qty Qty

Span 3		Beam 4						
Plate Gi	rder							
Element Number	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		61	0	58	0	3 F	eet
515	Steel Protective Coating		495	241	0	132	122 S	quare Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qtv	

Structure I	Number: <u>910069</u>			Inspec	tion D	ate: <u>10/17/2023</u>
√ 107	Corrosion	PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 26 INCH LONG X 6 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 34 INCH LONG X 10 INCH WIDE DOWN TO 9/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 2	4	3	3	Feet
√ 107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	28		Feet
√ 107	Damage	30 FOOT OF IMPACT DAMAGE WITH UP TO 1/16 INCH GOUGING THROUGHOUT	2	30		Feet
√ 107	Distortion	UP TO 1/2 INCH VERTICAL DEFLECTION FROM IMPACT DAMAGE NEAR MIDSPAN	2			Feet
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	122	122	Square Feet
√ 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	132	132	Square Feet

0	0	D						
Spa	n 3	Beam 5						
Plat	e Girder							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	61	0	58	3	0 F	eet
515	Steel Pro	tective Coating	495	241	0	132	122 5	Square Feet
Elemen Numbe	Defect Tyme	Defect Descr	ription		cs	CS Qty	Maint Qty	
√ 107	Corrosion	CORROSION ALONG BOTH FAC BOTTOM FLANGE UP TO 30 INC HIGH WITH NO MEASURABLE LO IN WEB AND 17 INCH LONG X 5 TO 5/8 INCH RESIDUAL BOTTOM EXTENDING FROM BENT 2	H LONG X 6 INCH OSS OF SECTION INCH WIDE DOWN		3	3	3	Feet
✓ 107	Corrosion	AREAS OF SURFACE CORROSIC LOCATIONS	ON IN VARIOUS		2	28		Feet
√ 107	Damage	30 FOOT OF IMPACT DAMAGE VINCH GOUGING THROUGHOUT	VITH UP TO 1/16		2	30		Feet
√ 107	Distortion	UP TO 1/2 INCH VERTICAL DEFL IMPACT DAMAGE NEAR MIDSPA			2			Feet
✓ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	122	122	Square Feet
√ 515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AN FLANGES IN VARIOUS LOCATIO			3	132	132	Square Feet

General Comments

General Comments

20 INCH X 10 INCH X 3 INCH DEEP SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 3 FACE OF BENT 2 DIAPHRAGM ADJACENT TO BEAM $6\,$

Span 3		Beam 6						
Plate Gi	rder							
Element Number	Element Namo)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		61	0	31	30	0	Feet
515	Steel Protective Coating		530	215	0	132	183	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure N	Number: <u>910069</u>			Inspec	ction Date: 10/17/2023
√ 107	Damage	30 FOOT OF IMPACT DAMAGE WITH UP TO 1/16 INCH GOUGING THROUGHOUT BOTTOM FLANGE COVER PLATE (BEAM STRUCK BY TRACTOR TRAILER DURING INSPECTION, DAMAGE INSPECTION REQUESTED)	3	30	Feet
√ 107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	31	Feet
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	183	183 Square Feet
√ 515		PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	132	132 Square Feet

General Comments

(2) UP TO 20 INCH X 10 INCH X 10 INCH SPALLS WITH EXPOSED REBAR IN BOTTOM AND SPAN 3 FACE OF BENT 2 DIAPHRAGM $\,$ 34 INCH X 10 INCH X 10 INCH SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 3 FACE OF END DIAPHRAGM AT BENT 3

ın 3	Beam 7						
te Girder							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Op	en Girder/Beam	61	0	27	34	0 F	eet
Steel Pro	tective Coating	574	351	0	132	91 S	quare Feet
Defect Tyme	Defect Description	on		cs	CS Qty	Maint Qty	
Corrosion	BOTTOM FLANGE UP TO 13 INCH LO INCH HIGH DOWN TO 9/16 INCH RES AND 46 INCH LONG X 8 INCH WIDE I	ONG X 20 SIDUAL WEB DOWN TO 1		3	4	4	Feet
Damage	INCH GOUGING THROUGHOUT BOT COVER PLATE (BEAM STRUCK BY T	TOM FLANGE RACTOR		3	30		Feet
Corrosion	AREAS OF SURFACE CORROSION II LOCATIONS	N VARIOUS		2	27		Feet
Effectiveness (Steel Protective Coatings)	COATING FAILED			4	91	91	Square Feet
Peeling/Bubbling/Cracking (steel Protective Coatings)	PEELING PAINT ALONG WEB AND B FLANGES IN VARIOUS LOCATIONS	ОТН		3	132	132	Square Feet
	ment steel Open Steel Open Steel Product Type Corrosion Damage Corrosion Effectiveness (Steel Protective Coatings) Peeling/Bubbling/Cracking (steel Protective	ment Steel Open Girder/Beam Steel Protective Coating Tot Defect Type Defect Description Corrosion CORROSION ALONG BOTH FACES OR BOTTOM FLANGE UP TO 13 INCH LOW INCH HIGH DOWN TO 9/16 INCH RESEAND 46 INCH LONG X 8 INCH WIDE INCH RESIDUAL BOTTOM FLANGE EFROM BENT 2 Damage 30 FOOT OF IMPACT DAMAGE WITH INCH GOUGING THROUGHOUT BOT COVER PLATE (BEAM STRUCK BY TOTAL TRAILER DURING INSPECTION, DAMINSPECTION REQUESTED) Corrosion AREAS OF SURFACE CORROSION INCOMINATIONS Effectiveness (Steel Protective Coatings) Peeling/Bubbling/Crack PEELING PAINT ALONG WEB AND Bing (steel Protective FLANGES IN VARIOUS LOCATIONS	ment Element Name Qty Steel Open Girder/Beam 61 Steel Protective Coating 574 Total Qty Steel Open Girder/Beam 61 Steel Protective Coating 574 Total Qty Steel Open Girder/Beam 61 Steel Protective Coating 574 Total Qty Steel Open Girder/Beam 61 Steel Protective Coating 574 Total Qty Steel Open Girder/Beam 61 Steel Protective Coating 574 Total Qty Steel Open Girder/Beam 61 Stee	ment Element Name Qty Qty Steel Open Girder/Beam 61 0 Steel Protective Coating 574 351 Total Qty Qty Steel Open Girder/Beam 61 0 Steel Protective Coating 574 351 Total Qty Qty Steel Open Girder/Beam 61 0 Steel Protective Coating 574 351 Total CS1 Qty Qty Steel Open Girder/Beam 61 0 Steel Protective Coating 574 351 Total CS1 Qty Qty Qty Steel Open Girder/Beam 61 0 Steel Open Girder/Beam Struck Soft WEB AND BOTTOM FLANGE VER BAND BOTTOM FLANGE STEEL STEE	March Steel Open Girder/Beam Steel Open	ment Element Name Qty Qty Qty Qty Qty Qty Steel Open Girder/Beam 61 0 27 34 Steel Protective Coating 574 351 0 132 Total Qty	ment Element Name Qty

General Comments

12 INCH X 10 INCH X 6 INCH SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 3 FACE OF BENT 2 DIAPHRAGM BENEATH RIGHT OVERHANG

Spa Stai	n 3 ndard Joint	Expansion	Joint, Bent 2					
	ment nber Po	Element Name ourable Joint Seal	Total Qty 49	CS1 Qty 24	CS2 Qty 25	CS3 Qty 0	CS4 Qty 0 Feet	
Elemen Numbe	Dofoot Tv	pe Defect Descr	ription		cs	CS Qty	Maint Qty	
✓ 301	Leakage	WATER STAINS ON BOTH FACE INDICATING A LEAKING JOINT	S OF BENT 2 CAP		2	25	Feet	

Spa	n 3	Wearing Surf	ace					
Asp	halt Wearing Surfa	ace						
	nent nber Wearing	Element Name Surface	Total Qty 2,481	CS1 Qty 2,081	CS2 Qty 0	CS3 Qty 400	CS4 Qty 0 S	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descrip	tion		cs	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	UP TO 1/4 INCH TRANSVERSE CR BENT 2	ACKS ALONG		3	48	48	Square Feet
510	Crack (Wearing Surface)	UP TO 1/8 INCH TRANSVERSE, LC AND DIAGONAL CRACKS IN VARIO		IS	3	344	344	Square Feet
510	Patched Area/Pothole (Wearing Surface)	PAR: 96 INCH LONG X 8 INCH WID DEEP POTHOLE AND FAILED REP OF NORTHBOUND LANE ABOVE B	AIR IN CENTER	₹	3	8	8	Square Feet
-	General Comments							

Spa	n 3	Left Bridg	e Rail					
Cor	ncrete and Metal	Railing						
	ment mber Other I	Element Name Bridge Railing	Total Qty 60	CS1 Qty 20	CS2 Qty 40	CS3 Qty 0	CS4 Qty 0	Feet
Elemer Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
✓ 333	Cracking (RC and Other)	UP TO 0.016 INCH TRANSVERS CRACKS IN TOP AND BOTH FA IN VARIOUS LOCATIONS			2	40		Feet
	General Comments							

Spa	an 3	Right Bridg	e Rail					
Cor	ncrete and Metal	Railing						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other	Bridge Railing	60	20	40	0	0	Feet
Elemer Numbe	Dofoct Typo	Defect Descri	ription		cs	CS Qty	Maint Qty	
✓ 333	Cracking (RC and Other)	UP TO 0.016 INCH TRANSVERSE CRACKS IN TOP AND BOTH FAC IN VARIOUS LOCATIONS			2	40		Feet
	General Comments							

Spa	ın 3	Near Bearing 1	ĺ					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bo	earings	1	0	1	0	0 Eac	ch
515	Steel Pr	otective Coating	1	0	0	1	0 Sq	uare Feet
Elemen Numbe	Defect Type	Defect Description	on		cs	CS Qty	Maint Qty	
✓ 316	Corrosion	SURFACE CORROSION THROUGHO	DUT		2	1		Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 5	Square Feet

Spa	ın 3	Far Bearing '						
Oth	er Bearing							
	ment mber Other Be	Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty	
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
✓ 316	Connection	PAR: MISSING ANCHOR NUT ON E	EAST SIDE		3	1		1 Each
✓ 316	Corrosion	CORROSION THROUGHOUT			3			1 Each
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet
	General Comments							

Spa	ın 3	Near Bearing 2	2							
Other Bearing										
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty			
316	Other E	Bearings	1	0	1	0	0	Each		
515	Steel P	rotective Coating	1	0	0	1	0	Square Feet		
Elemen Numbe	Dofoct Typo	Defect Description	on		cs	CS Qty	Maint Qty			
✓ 316	Corrosion	SURFACE CORROSION THROUGHO	DUT		2	1		Each		
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1		1 Square Feet		
•	General Comments									

Span 3		Far Bearing 2								
Other Bearing										
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Bearings			1	0	0	1	0	Each
515		Steel Protective Coating			1	0	0	0	1	Square Feet
Elemer Numbe		Defect Type		Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corre	osion	CORROSION THR	OUGHOUT			3	1	1	I Each
√ 515	15 Effectiveness (Steel CFOATING FAILEI Protective Coatings))			4	1	1	I Square Feet	
	Gene	ral Comments								

Spa	an 3		N	lear Bearing 3						
Oth	er Be	aring								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings		1	0	1	0	0	Each
515		Steel Pro	otective Coating		1	0	0	1	0	Square Feet
Elemen Numbe		Defect Type		Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corro	sion	SURFACE CORROS	ION THROUGHOUT			2	1	-	Each
√ 515		tiveness (Steel ctive Coatings)	LIMITED EFFECTIVE	ENESS			3	1		1 Square Feet
	Genera	al Comments								

Spa Oth	n 3 er Bearing	Far Bearing 3						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo	Defect Description	ion		cs	CS Qty	Maint Qty	
✓ 316	Corrosion	CORROSION THROUGHOUT			3	1		1 Each
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet

Spa	an 3		Near Bearing 4						
Oth	er Bearing								
	ment mber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Othe	er Bearings		1	0	0	1	0	Each
515	Stee	el Protective Coating		1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo		Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corrosion	CORROSION THR	OUGHOUT			3	1	1	I Each
√ 515	Effectiveness (Ste Protective Coating					4	1	1	I Square Feet
	General Comment	is							

Span 3		Far Bearin	g 4				
Other Bea	aring						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearin	gs	1	0	0	1	0 Each
515	Steel Protect	tive Coating	1	0	0	0	1 Square Feet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty
316 Corros	sion CC	DRROSION THROUGHOUT			3	1	1 Each

515 Effectiveness (Steel Protective Coatings)

General Comments

COATING FAILED 4 1 1 Square Feet

Spa	an 3		Near Bearing 5						
Oth	ner Bearing								
	ment mber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Ot	her Bearings		1	0	0	1	0	Each
515	St	eel Protective Coating		1	0	0	0	1	Square Feet
Elemei Numbe	Dofoct Tv	De .	Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corrosion	CORROSION THRO	DUGHOUT			3	1		1 Each
√ 515	Effectiveness (S Protective Coati					4	1		1 Square Feet
	General Comme	nts							

Spa	ın 3	Far Bea	ring 5					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Othe	r Bearings	1	0	1	0	0	Each
515	Steel	Protective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect D	escription		cs	CS Qty	Maint Qty	
✓ 316	Corrosion	SURFACE CORROSION THE	OUGHOUT		2	1		Each
√ 515	Effectiveness (Stee Protective Coatings				3	1		1 Square Feet
•	General Comments	3						

Spa	an 3			Near Bearing 6						
Oth	er Bearing									
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings		1	0	0	1	0	Each
515		Steel Pr	otective Coating		1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot	Туре		Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corrosion		CORROSION THR	OUGHOUT			3	1		1 Each
√ 515	Effectivenes Protective C		COATING FAILED				4	1		1 Square Feet
	General Com	ments								

							•	
Spa	ın 3	Far Bearing 6						
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corrosion	SURFACE CORROSION THROUGHOUT	Ī		2	1		Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1		1 Square Feet
-	General Comments							

Spa	an 3	Near Bearing	7					
Oth	er Bearing	·						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pro	etective Coating	6	5	0	1	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Descrip	tion		cs	CS Qty	Maint Qty	
√ 316	Corrosion	SURFACE CORROSION THROUGH	OUT		2			Each
√ 316	Loss of Bearing Area	PAR: AREA OF DELAMINATION IN OF CAP BENEATH BEAM 7 NEAR EAPPROXIMATELY 3 INCH X 3 INCH BEARING	BEARING WITH		2	1		1 Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1		1 Square Feet
	General Comments							

Spa	ın 3	Far Bearing 7						
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pro	otective Coating	6	5	0	1	0	Square Feet
Elemen Numbe	Defeat Type	Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corrosion	SURFACE CORROSION THROUGHOUT	-		2	1		Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1		1 Square Feet

Spa	n 4	Deck						
Reir	nforced Concrete	Deck						
Elen Nun	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ced Concrete Deck	2,179	2,179	0	0	0	Square Feet
Elemen Number	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
√ 12	Cracking (RC and Other)	UP TO 1/16 INCH LONGITUDII HAIRLINE MAP CRACKING IN IN VARIOUS LOCATIONS THI	TOP OF SIDEWALK	(S	3		100	O Square Feet

General Comments

SPAN 4: UP TO 1 INCH OF SETTLEMENT OF SIDEWALK ALONG RIGHT SIDE AT BENT 3

Spa	n 4	Beam 1						
Plate	e Girder							
Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Stee	l Open Girder/Beam	42	0	35	0	7 F	Feet
515	Stee	I Protective Coating	363	216	0	63	84 \$	Square Feet
Elemen Number	Dofoot Tymo	Defect Descr	iption		cs	CS Qty	Maint Qty	
7 107	Corrosion	PAR: CORROSION ALONG BOTH AND BOTTOM FLANGE UP TO 68 UP TO 20 INCH HIGH DOWN TO RESIDUAL WEB WITH PIN HOLE STIFFENER AND 52 INCH LONG DOWN TO 5/16 INCH RESIDUAL EXTENDING FROM BENT 3	3 INCH LONG X 1/4 INCH S BEHIND X 10 INCH WIDE		4	6	6	Feet
107	Corrosion	PAR: CORROSION THROUGHOL STIFFENER DOWN TO KNIFES E HOLES UP TO 5 INCH X 4 INCH A	DGE WITH (2)		4	1		Feet
107	Corrosion	AREAS OF SURFACE CORROSK LOCATIONS	ON IN VARIOUS		2	35		Feet
515	Effectiveness (Stee Protective Coatings				4	84	84	Square Feet
515	Peeling/Bubbling/Cing (steel Protective Coatings)	crack PEELING PAINT ALONG WEB AN e FLANGES IN VARIOUS LOCATIO			3	63	63	Square Feet

General Comments

80 INCH X 6 INCH X 4 INCH DEEP SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 4 FACE OF DIAPHRAGM AT BENT 3

Spa	ın 4	Beam 2						
Plat	te Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	oen Girder/Beam	42	0	42	0	0	Feet
515	Steel Pr	otective Coating	363	216	0	63	84	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
√ 107	Corrosion	AREAS OF SURFACE CORRO	SION THROUGHOUT		2	42		Feet
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	84	8	4 Square Feet

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3

63 Square Feet

√ 515

Peeling/Bubbling/Crack PEELING PAINT ALONG WEB AND BOTH ing (steel Protective FLANGES IN VARIOUS LOCATIONS

General Comments

66 INCH X 10 INCH X 4 INCH DEEP SPALL WITH EXPOSED REBAR IN BOTTOM AND SPAN 4 FACE OF DIAPHRAGM AT BENT 3

Spai	n 4	Beam 3						
Plate	e Girder							
Elem Num 107	ber	Element Name en Girder/Beam	Total Qty 42	CS1 Qty 0	CS2 Qty 42	CS3 Qty 0	CS4 Qty 0 F	- eet
515	Steel Pro	tective Coating	363	300	0	42	21 8	Square Feet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
107	Corrosion	AREAS OF SURFACE CORROS	ION THROUGHOUT	-	2	42	-	Feet
515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	21	21	Square Fee
515		PEELING PAINT ALONG WEB A FLANGES IN VARIOUS LOCATION			3	42	42	Square Fee

Spa	n 4	Beam 4						
Plate	e Girder							
Elen Nun	nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel C	Open Girder/Beam	42	0	37	0	5 Feet	
515	Steel F	Protective Coating	363	258	0	42	63 Square I	Feet
Elemen Number	Defect Type	Defect Desci	ription		cs	CS Qty	Maint Qty	
107	Corrosion	PAR: CORROSION ALONG BOTH AND BOTTOM FLANGE UP TO 4' INCH HIGH DOWN TO 1/2 INCH F AND 52 INCH LONG X 10 INCH W 5/8 INCH RESIDUAL BOTTOM FL EXTENDING FROM BENT 3	7 INCH LONG X 18 RESIDUAL WEB VIDE DOWN TO		4	5	5 Feet	
√ 107	Corrosion	AREAS OF SURFACE CORROSIC LOCATIONS	ON IN VARIOUS		2	37	Feet	
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	63	63 Squar	e Feet
√ 515	Peeling/Bubbling/Cra ing (steel Protective Coatings)	ack PEELING PAINT ALONG WEB AN FLANGES IN VARIOUS LOCATIO			3	42	42 Squar	re Feet

Spa	n 4	Beam 5						
Plat	e Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	42	0	40	0	2	Feet
515	Steel Pro	tective Coating	363	258	0	42	63	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
√ 107	Corrosion	PAR: CORROSION ALONG BOTH AND BOTTOM FLANGE UP TO 16 INCH HIGH WITH NO MEASURAB SECTION IN WEB AND 14 INCH LO WIDE DOWN TO 1/2 INCH RESIDU FLANGE EXTENDING FROM BEN	INCH LONG X 6 LE LOSS OF ONG X 4 INCH JAL BOTTOM		4	2	2	? Feet
√ 107	Corrosion	AREAS OF SURFACE CORROSIO	N THROUGHOUT		2	40		Feet
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	63	63	S Square Feet
√ 515	= :	PEELING PAINT ALONG WEB ANI FLANGES IN VARIOUS LOCATION			3	42	42	? Square Feet
	General Comments							

Spa	n 4	Beam 6						
Plat	e Girder							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	42	0	42	0	0 1	eet
515	Steel Pro	tective Coating	363	300	0	21	42 3	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
√ 107	Corrosion	AREAS OF SURFACE CORROSION	THROUGHOUT	•	2	42		Feet
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	42	42	Square Feet
√ 515	ŭ ŭ	PEELING PAINT ALONG WEB AND E FLANGES IN VARIOUS LOCATIONS	ВОТН		3	21	2	Square Feet
-	General Comments							

Spa Plate	n 4 e Girder		Beam 7						
	nent nber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Op	en Girder/Beam	42	2	37	0	3	Feet
515		Steel Pr	otective Coating	363	258	0	42	63	Square Feet
Elemen Number	Dofoc	Туре	Defect D	Description		CS	CS Qty	Maint Qty	
√ 107	Corrosion		PAR: CORROSION ALONG E AND BOTTOM FLANGE UP T INCH HIGH DOWN TO 3/8 IN AND 36 INCH LONG X 10 INC 3/8 INCH RESIDUAL BOTTO EXTENDING FROM BENT 3	TO 36 INCH LONG X 19 ICH RESIDUAL WEB CH WIDE DOWN TO		4	3	;	3 Feet

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✓ 107	Corrosion	AREAS OF SURFACE CORROSION IN VARIOUS LOCATIONS	2	37	Feet
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	63	63 Square Feet
√ 515		PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	3	42	42 Square Feet

General Comments

Spar	า 4	Wearing Su	rface					
Aspl	halt Wearing Surfa	ace						
Elem Num 510		Element Name Surface	Total Qty 1,743	CS1 Qty 1,315	CS2 Qty	CS3 Qty 428	CS4 Qty 0 S	quare Feet
Element Number	Dofoct Type	Defect Descr	iption		cs	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	UP TO 1/4 INCH TRANSVERSE , I AND DIAGONAL CRACKS IN VAR		S	3	295	295	Square Feet
510	Crack (Wearing Surface)	UP TO 1/8 INCH TRANSVERSE C BENT 3 AND END BENT 2	RACK ALONG		3	112	112	Square Feet
510	Patched Area/Pothole (Wearing Surface)	18 FOOT OF FAILED REPAIR PRI CENTER LANE ALONG BENT 3	MARILY IN		3	18	18	Square Feet
510	Patched Area/Pothole (Wearing Surface)	PAR: 28 INCH X 8 INCH X 3 INCH IN CENTER OF SOUTHBOUND LA			3	3	3	Square Feet
-	General Comments							

Spa	ın 4	Left Bridge	Rail					
Con	ncrete and Metal R	ailing						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other B	ridge Railing	42	17	25	0	0 1	-eet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
✓ 333	Cracking (RC and Other)	UP TO 0.016 INCH TRANSVERSI CRACKS IN TOP AND BOTH FAC IN VARIOUS LOCATIONS			2	25		Feet

General Comments

n 4	Right Brid	ge Rail				
crete and Metal I	Railing					
nent iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Other E	Bridge Railing	42	0	42	0	0 Feet
Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty
Cracking (RC and Other)	HAIRLINE MAP CRACKING IN E END POST AT END BENT 2	BOTH FACES OF		2	3	Feet
Cracking (RC and Other)				2	39	Feet
	Crete and Metal I	crete and Metal Railing ment liber Element Name Other Bridge Railing Defect Type Defect Des Cracking (RC and Other) HAIRLINE MAP CRACKING IN E END POST AT END BENT 2 Cracking (RC and Other) UP TO 0.016 INCH TRANSVERS CRACKS IN TOP AND BOTH FA	crete and Metal Railing The table of Element Name City Other Bridge Railing 42 Defect Type Defect Description Cracking (RC and Other) HAIRLINE MAP CRACKING IN BOTH FACES OF END POST AT END BENT 2 Cracking (RC and Other) UP TO 0.016 INCH TRANSVERSE AND VERTICAL CRACKS IN TOP AND BOTH FACES OF PARAPET	crete and Metal Railing Total CS1 ther Element Name Qty Qty Other Bridge Railing 42 0 Defect Type Defect Description Cracking (RC and Other) HAIRLINE MAP CRACKING IN BOTH FACES OF END POST AT END BENT 2 Cracking (RC and Other) UP TO 0.016 INCH TRANSVERSE AND VERTICAL CRACKS IN TOP AND BOTH FACES OF PARAPET	crete and Metal Railing Total CS1 CS2 Blement Name Qty Qty Qty Other Bridge Railing 42 0 42 Defect Type Defect Description CS Cracking (RC and Other) HAIRLINE MAP CRACKING IN BOTH FACES OF END POST AT END BENT 2 Cracking (RC and Other) UP TO 0.016 INCH TRANSVERSE AND VERTICAL CRACKS IN TOP AND BOTH FACES OF PARAPET	crete and Metal Railing Total CS1 CS2 CS3 (Dept. 1) Content Name Content Name CS1 CS2 CS3 (Dept. 2) Content Bridge Railing CS1 CS2 CS3 (Dept. 2) CTacking (RC and Other) CTac

n 4	Near Beari	ng 1					
er Bearing							
ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other Be	earings	1	0	0	0	1	Each
Steel Pro	otective Coating	1	0	0	0	1	Square Feet
t Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
Connection	PAR: MISSING ANCHOR ROD O	N BOTH SIDES		4	1	- ,	1 Each
Corrosion	CORROSION THROUGHOUT			3			1 Each
Effectiveness (Steel	COATING FAILED			4	1		1 Square Feet
	or Bearing nent her Other Be Steel Pro t Defect Type Connection Corrosion	nent Defect Type Defect Description PAR: MISSING ANCHOR ROD O	nent Element Name Other Bearings 1 Steel Protective Coating 1 t Defect Type Defect Description Connection PAR: MISSING ANCHOR ROD ON BOTH SIDES Corrosion CORROSION THROUGHOUT	nent Bearing Total CS1 Aber Element Name Qty Qty Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Qty Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Steel Protective Coating 1 0 Total CS1 Other Bearings 1 0 Total CS1 Other Bearing	nent Element Name Qty Qty Qty Other Bearings 1 0 0 Steel Protective Coating 1 0 0 Total CS1 CS2 Qty Qty Qty Other Bearings 1 0 0 0 Steel Protective Coating 1 0 0 The Connection PAR: MISSING ANCHOR ROD ON BOTH SIDES 4 Corrosion CORROSION THROUGHOUT 3	nent Bearing Total CS1 CS2 CS3 Qty Qty Qty Qty Qty Other Bearings 1 0 0 0 Steel Protective Coating 1 0 0 0 Steel Protective Coating 1 0 0 0 Total CS1 CS2 CS3 Qty Qty Qty Qty Other Bearings 1 0 0 0 Steel Protective Coating 1 0 1 0 0 Total CS1 CS2 CS3 Total CS1 CS2 CS3 Total CS1 CS2 CS3 Total CS1 CS2 CS3 Total CS1 CS2 Other Bearings 1 0 0 0 0 Steel Protective Coating 1 0 0 1 0 Total CS1 CS2 Total CS2 CS3 Total CS3 Other Bearings 1 0 0 0 1 0 Total CS1 CS2 Other Bearings 1 0 0 0 1 0 Total CS1 CS2 Other Bearings 1 0 0 0 1 0 Total CS1 CS2 Other Bearings 1 0 0 0 1 0 Total CS1 CS2 Other Bearings 1 0 0 0 0 1 0 Total CS1 Other Bearings 1 0 0 0 0 0 Total CS2 Other Bearings 1 0 0 0 0 0 Total CS3 Other Bearings 1 0 0 0 0 0 0 Total CS3 Other Bearings 1 0 0 0 0 0 0 Total CS3 Other Bearings 1 0 0 0 0 0 0 Total CS3 Other Bearings 1 0 0 0 0 0 0 Total CS3 Other Bearings 1 0 0 0 0 0 0 0 Total CS3 Other Bearings 1 0 0 0 0 0 0 0 0 0 Total CS3 Other Bearings 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	nent Element Name Otty Otty Otty Otty Otty Otty Otty Ott

Spa	n 4	Far Bearing	1					
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Defect Type	Defect Descri	otion		cs	CS Qty	Maint Qty	
✓ 316	Corrosion	CORROSION THROUGHOUT			3	1	-	1 Each
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet
	General Comments							

Spa	ın 4	Near Bearin	ng 2					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel Pr	rotective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Defeat Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
✓ 316	Corrosion	CORROSION THROUGHOUT			3	1	1	1 Each
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1	1	1 Square Feet
•	General Comments							

Span 4		Far Bearing 2						
Other B	earing							
Element Number	Element Na	ıme	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	0	1	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>910069</u>	Inspection Date: <u>10/17/2023</u>			
✓ 316	Corrosion	SURFACE CORROSION THROUGHOUT	2	1	Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
	General Comments				

Spa	an 4			Near Bearing 3						
Oth	er Be	earing								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings		1	0	0	1	0	Each
515		Steel Pro	otective Coating		1	0	0	0	1	Square Feet
Elemen Numbe		Defect Type		Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corro	osion	CORROSION THR	OUGHOUT			3	1	-	1 Each
√ 515		ctiveness (Steel ective Coatings)	COATING FAILED				4	1		1 Square Feet
	Gener	ral Comments								

Spa	an 4		Far Bearing 3						
Oth	er Bearing								
	ment mber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Oth	er Bearings		1	0	0	1	0	Each
515	Ste	el Protective Coating		1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Type	9	Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corrosion	CORROSION THR	DUGHOUT			3	1		I Each
√ 515	Effectiveness (Ste Protective Coating					4	1	•	I Square Feet
	General Commen	ts							

Spa	ın 4	Near Bearing 4						
Oth	er Bearing							
	ment nber Other Be	Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo	Defect Description	on		cs	CS Qty	Maint Qty	
✓ 316	Connection	PAR: MISSING ANCHOR ROD ON WE	EST SIDE		4	1	•	1 Each
✓ 316	Corrosion	CORROSION THROUGHOUT			3		•	1 Each
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1	•	1 Square Feet
	General Comments							

_								
Spar	า 4	Far Bearing	4					
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Element Number	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
✓ 316	Corrosion	SURFACE CORROSION THROUG	HOUT		2	1		Each
	Effectiveness (Steel Protective Coatings)	LIMITED EFFEECTIVENESS			3	1		1 Square Feet
G	General Comments							

Spa	n 4	Near Bearin	g 5					
Othe	er Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	0	1	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Element	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
316	Connection	PAR: MISSING ANCHOR ROD ON	EAST SIDE		4	1		1 Each
316	Corrosion	CORROSION THROUGHOUT			3			1 Each
515	Effectiveness (Steel Protective Coatings)	COATING FAILED			4	1		1 Square Feet
(General Comments							

Spa	an 4			Far Bearing 5						
Oth	er Bearing									
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Beari	ngs		1	0	1	0	0	Each
515		Steel Protec	ctive Coating		1	0	0	1	0	Square Feet
Elemer Numbe	Dofoot '	Туре		Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corrosion	S	URFACE CORRO	SION THROUGHOUT			2	1		Each
√ 515	Effectiveness Protective Co	(IMITED EFFEECT	IVENESS			3	1		I Square Feet
	General Com	ments								

Span 4		Near Bearing 6						
Other B	earing							
Element Number	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS ² Qty	
316	Other Bearings		1	0	0	1	0	
515	Steel Protective Coating		1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	:

Structure	Number: <u>910069</u>	Inspec	Inspection Date: 10/17/2023			
✓ 316	Corrosion	CORROSION THROUGHOUT	3	1	1 Each	
✓ 316	Connection	ANCHOR NUT IS NOT FULLY TIGHT ON THE EAST SIDE.	2		1 Each	
√ 515	Effectiveness (Steel Protective Coatings)	COATING FAILED	4	1	1 Square Feet	
	General Comments					

Spa	an 4		Far Bea	aring 6					
Oth	her Be	earing							
	ement ımber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings	1	0	1	0	0	Each
515		Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Eleme Numb		Defect Type	Defect	Description		cs	CS Qty	Maint Qty	
✓ 316	Corre	osion	SURFACE CORROSION TH	ROUGHOUT		2	1	-	Each
√ 515		ctiveness (Steel ective Coatings)	LIMITED EFFEECTIVENESS	3		3	1		1 Square Feet
	Gener	ral Comments							

Spa	an 4			Near Bearing 7						
Oth	ner Be	earing								
	ement ımber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings		1	0	0	1	0	Each
515		Steel Pro	otective Coating		1	0	0	0	1	Square Feet
Eleme Numb		Defect Type		Defect Description			CS	CS Qty	Maint Qty	
✓ 316	Corre	osion	CORROSION THR	OUGHOUT			3	1		1 Each
√ 515		ctiveness (Steel ective Coatings)	COATING FAILED				4	1		1 Square Feet
	Gene	ral Comments								

Spa	an 4			Far Bearing 7						
Oth	er Be	aring								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings		1	0	0	1	0	Each
515		Steel Pro	otective Coating		1	0	0	0	1	Square Feet
Elemer		Defect Type		Defect Description			cs	CS Qty	Maint Qty	
✓ 316	Corro	sion	CORROSION THR	OUGHOUT			3	1	•	1 Each
√ 515		tiveness (Steel ctive Coatings)	COATING FAILED				4	1		1 Square Feet
	Gener	al Comments								

							'	
End	Bent 1	Cap 1						
Rein	forced Concrete	Pier Cap						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfor	ced Concrete Pier Cap	69	33	17	19	0 Fe	et
Element Number	Dofoot Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	UP TO 1/8 INCH X 15 FOOT LONG CRACK IN FACE OF CAP BENEAT 4			3	15	15	Feet
234	Efflorescence/Rust Staining	UP TO 1/16 INCH HORIZONTAL CF HAIRLINE MAP CRACKING WITH EFFLORESCENCE AND RUST STA OF CAP AT LEFT END			3	4	4	Feet
/ 234	Cracking (RC and Other)	HAIRLINE MAP CRACKING IN FAC RIGHT END	CE OF CAP AT		2	5		Feet
/ 234	Cracking (RC and Other)	UP TO 1/16 INCH X 12 FOOT LONG CRACK IN FACE OF CAP BENEAT 6			2	12		Feet
(General Comments							

Ben	nt 1	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ced Concrete Pier Cap	54	49	5	0	0 Feet	
Elemen Numbe	Dofoot Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
√ 234	Cracking (RC and Other)	UP TO 0.05 INCH X 20 INCH TRAN IN BOTTOM OF CAP BETWEEN C 3			2	1	Feet	
✓ 234	Delamination/Spall	10 INCH X 8 INCH AREA OF DELA SPAN 2 FACE OF CAP BENEATH I			2	1	1 Feet	
√ 234	Delamination/Spall	29 INCH LONG X 3 INCH HIGH AR DELAMINATION WITH UP TO 0.05 HORIZONTAL CRACK IN SPAN 1 F BENEATH BAY 2	INCH		2	3	3 Feet	
	General Comments							

Ber	nt 1			Pile 4						
Rei	nforced	Concrete	Column							
	ment mber	Reinford	Element Name ced Concrete Column		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty	Each
Elemei Numbe		fect Type		Defect Description			cs	CS Qty	Maint Qty	
✓ 205	Cracking Other)	(RC and		VERTICAL CRACK IN IM BOTTOM OF CAP	_		3	1	12	2 Each
	General C	Comments								

							•	
En	d Bent 1	Abutment						
Rei	inforced Concrete	e Abutment						
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinfo	rced Concrete Abutment	65	63	2	0	0	Feet
Eleme Numb	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
√ 215	Patched Area	11 INCH X 12 INCH FAILED RE ABUTMENT IN BAY 6 ADJACEN PENETRATION			2	2		Feet
	General Comments							

Bent	: 2	Cap 1						
Rein	forced Concrete	Pier Cap						
Elem Num 234	ber	Element Name ced Concrete Pier Cap	Total Qty 54	CS1 Qty 48	CS2 Qty	CS3 Qty 5	CS4 Qty	Feet
Element Number	Defect Type	Defect Descr	iption		cs	CS Qty	Maint Qty	
/ 234	Delamination/Spall	5 INCH X 8 INCH X 1/2 INCH SPA EXPOSED REBAR IN BOTTOM AI OF CAP BENEATH BAY 4			3	1	1	Feet
234	Delamination/Spall	PAR: 9 INCH WIDE X 10 INCH HID DELAMINATION WITH 15 INCH W HIGH X 3 INCH DEEP SPALL WIT REBAR IN TOP AND SPAN 3 FAC BENEATH BEAM 7 BEARING	/IDE X 10 INCH H EXPOSED		3	3	3	3 Feet
/ 234	Delamination/Spall	SPALL (10 INCH X 3 INCH X 2 INC OF CAP BETWEEN COLUMNS 2 A			3	1	1	Feet
234	Exposed Rebar	12 INCH X 3 INCH X 1/2 INCH DEI EXPOSED REBAR IN SPAN 2 FAC THE LEFT OF COLUMN 4			2	1	1	Feet

Ber	nt 2	Pile 1						
Rei	inforced Concre	te Column						
	ement mber Rein	Element Name forced Concrete Column	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty 0 Each	
Elemei Numbe	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
√ 205	Delamination/Spal	12 INCH HIGH X 5 INCH X 4 INDELAMINATION IN NORTHEAS GROUND LINE			2	1	1 Each	
	General Comments	<u> </u>						

							•	
Ben	t 2	Pile 3						
Rein	nforced Concrete	Column						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinfor	ced Concrete Column	1	0	0	1	0	Each
Element Number	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
✓ 205	Cracking (RC and Other)	UP TO 1/16 INCH VERTICAL CF FACE ALONG LEFT EDGE AT N			3		4	Each
√ 205	Cracking (RC and Other)	UP TO 1/16 INCH X 28 INCH VE NORTHWEST CORNER AT BO			3	1	3	B Each
_								

General Comments

Bent	: 2	Pile 5						
Rein	forced Concrete	Column						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinfo	rced Concrete Column	1	0	0	1	0 6	Each
Element Number	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	UP TO 1/8 INCH VERTICAL CF FACE OF COLUMN AT MID HE			3	1	4	Each
	Cracking (RC and Other)	UP TO 1/16 INCH X 40 INCH V IN SPAN 3 AND EAST FACE O GROUND LINE			2			Each

End	Bent 2	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ced Concrete Pier Cap	69	42	0	27	0 F	eet
Elemen Numbe	Defect Type	Defect Descrip	otion		cs	CS Qty	Maint	
					-		Qty	
✓ 234	Cracking (RC and Other)	UP TO 1/8 INCH HORIZONTAL CR. CAP BENEATH BEAM 1			3	16	419 16	Feet

End Be Reinfo	ent 2 rced Concrete	Abutment Abutment						
Element Number 215	ŗ	Element Name ced Concrete Abutment	Total Qty 65	CS1 Qty 62	CS2 Qty	CS3 Qty 3	CS4 Qty 0 Feet	
Element Number 215 De	Defect Type lamination/Spall	Defect Desc 3 SQUARE FEET SPALLING AN TO ABUTMENT AT UTILITY TER 6	D DELAMINATION		cs 3	CS Qty	Maint Qty 3 Feet	

Ber	nt 3	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment mber Reinford	Element Name ced Concrete Pier Cap	Total Qty 54	CS1 Qty 30	CS2 Qty	CS3 Qty 16	CS4 Qty 0 Feet	
Elemer Numbe	D-f4 T	Defect Descrip	otion		cs	CS Qty	Maint Qty	
√ 234	Cracking (RC and Other)	34 INCH X 30 INCH AREA OF DELA WITH MAP CRACKING UP TO 1/16 FACE OF CAP BENEATH BEAM 5	INCH IN SPAN 4		3	4	4 Feet	
✓ 234	Delamination/Spall	(2) SPALLS UP TO 10 INCH X 12 IN INCH DEEP IN BOTTOM AND SPA CAP BETWEEN COLUMNS 4 AND	N 3 FACE OF		3	2	2 Feet	
✓ 234	Delamination/Spall	(3) SPALLS UP TO 30 INCH X 7 INC AREA OF DELAMINATION IN BOT FACES OF CAP BETWEEN COLUM	TOM AND BOTH		3	1	1 Feet	
√ 234	Delamination/Spall	14 INCH X 14 INCH AREA OF DELA BOTTOM AND SPAN 3 FACE OF C BAY 2			3	2	2 Feet	
234	Delamination/Spall	18 INCH X 16 INCH X 1-1/2 INCH D SPAN 3 FACE OF CAP BENEATH I			3	2	2 Feet	
√ 234	Delamination/Spall	2 INCH X 9 INCH X 1 INCH SPALL SPAN 3 FACE OF CAP BENEATH			3	1	1 Feet	
√ 234	Delamination/Spall	22 INCH X 3 INCH X 1/2 INCH DEE EXPOSED REBAR IN SPAN 4 FAC RIGHT END			3	2	2 Feet	
234	Delamination/Spall	3 INCH X 30 INCH X 1 INCH DEEP 4 FACE OF CAP BENEATH BAY 4	SPALL IN SPAN		3		1 Feet	
✓ 234	Delamination/Spall	PAR: 28 INCH LONG X 12 INCH HI DEEP SPALL IN SPAN 4 FACE OF BEAM 3			3	2	2 Feet	
✓ 234	Cracking (RC and Other)	UP TO 0.03 INCH X 48 INCH HORIZ IN SPAN 4 FACE OF CAP TO RIGH			2	4	Feet	
✓ 234	Cracking (RC and Other)	UP TO 0.05 INCH X 23 INCH HORIZ IN SPAN 3 FACE OF CAP BENEAT			2	2	Feet	
√ 234	Patched Area	(2) AREAS OF REPAIR UP TO 24 II IN SPAN 4 FACE OF CAP BENEAT 4			2	2	Feet	

Ben	nt 3	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 E	ach
Elemen Numbe	Dofoct Typo	Defe	ect Description		cs	CS Qty	Maint Qty	
✓ 205	Delamination/Spall	SPALL (6 INCH X 6 INCH RIGHT CORNER, 3 FEET			3	1	1	Each
✓ 205	Cracking (RC and Other)	2 FOOT VERTICAL CRA OF SOUTHEAST CORN	CKS UP TO 1/32 INCH TOP ER.	•	2			Each
	General Comments							

							•	
Ben	t 3	Pile 3						
Reir	nforced Concrete	Column						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinfor	ced Concrete Column	1	0	0	1	0	Each
Elemen Number	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	UP TO 1/16 INCH X 88 INCH VER LEFT FACE OF COLUMN AT BO			3		6	6 Each
✓ 205	Delamination/Spall	12 INCH X 10 INCH X 1 INCH DE NORTHWEST CORNER AT BOT	-		3	1	1	Each
-								

General Comments

Bent 3 Reinfo	rced Concrete	Pile 4 Column						
Elemen Numbe	r	Element Name ced Concrete Column	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	ach
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
	acking (RC and her)	UP TO 1/8 INCH X 74 INCH LONG CRACKS IN LEFT FACE OF COL OF CAP			3		6	Each
√ 205 De	lamination/Spall	50 INCH X 6 INCH X 5 INCH COR SPAN 3 AND RIGHT FACE OF C BOTTOM OF CAP			3	1	5	Each

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2179
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	42
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	42
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	42
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	42
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	42
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	42
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	42
Span 1	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	43
Span 1	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	43
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1743
Span 1	Near Bearing 1	Other Bearing	Other Bearings	1
Span 1	Far Bearing 1	Other Bearing	Other Bearings	1
Span 1	Far Bearing 2	Other Bearing	Other Bearings	1
Span 1	Near Bearing 2	Other Bearing	Other Bearings	1
Span 1	Near Bearing 3	Other Bearing	Other Bearings	1
Span 1	Far Bearing 3	Other Bearing	Other Bearings	1
Span 1	Far Bearing 4	Other Bearing	Other Bearings	1
Span 1	Near Bearing 4	Other Bearing	Other Bearings	1
Span 1	Near Bearing 5	Other Bearing	Other Bearings	1
Span 1	Far Bearing 5	Other Bearing	Other Bearings	1
Span 1	Far Bearing 6	Other Bearing	Other Bearings	1
Span 1	Near Bearing 6	Other Bearing	Other Bearings	1
Span 1	Near Bearing 7	Other Bearing	Other Bearings	1
Span 1	Far Bearing 7	Other Bearing	Other Bearings	1
Span 1	Delineator SW	Delineator	Warning Signs	1
Span 1	Delineator SE	Delineator	Warning Signs	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3383
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	66
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	66
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	66
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	66
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	66
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	66
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	66
Span 2	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	66
Span 2	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	66
Span 2	Expansion Joint, Bent 1	Standard Joint	Pourable Joint Seal	49
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	2706
Span 2	Near Bearing 1	Other Bearing	Other Bearings	1
Span 2	Far Bearing 1	Other Bearing	Other Bearings	1
Span 2	Far Bearing 2	Other Bearing	Other Bearings	1
Span 2	Near Bearing 2	Other Bearing	Other Bearings	1
Span 2	Near Bearing 3	Other Bearing	Other Bearings	1
Span 2	Far Bearing 3	Other Bearing	Other Bearings	1

Location	Name	Component	Element Name	Amount
Span 2	Far Bearing 4	Other Bearing	Other Bearings	1
Span 2	Near Bearing 4	Other Bearing	Other Bearings	1
Span 2	Near Bearing 5	Other Bearing	Other Bearings	1
Span 2	Far Bearing 5	Other Bearing	Other Bearings	1
Span 2	Far Bearing 6	Other Bearing	Other Bearings	1
Span 2	Near Bearing 6	Other Bearing	Other Bearings	1
Span 2	Near Bearing 7	Other Bearing	Other Bearings	1
Span 2	Far Bearing 7	Other Bearing	Other Bearings	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3101
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	61
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	61
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	61
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	61
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	61
Span 3	Beam 6	Plate Girder	Steel Open Girder/Beam	61
Span 3	Beam 7	Plate Girder	Steel Open Girder/Beam	61
Span 3	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	60
Span 3	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	60
Span 3	Expansion Joint, Bent 2	Standard Joint	Pourable Joint Seal	49
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	2481
Span 3	Far Bearing 1	Other Bearing	Other Bearings	1
Span 3	Near Bearing 1	Other Bearing	Other Bearings	1
Span 3	Near Bearing 2	Other Bearing	Other Bearings	1
Span 3	Far Bearing 2	Other Bearing	Other Bearings	1
Span 3	Far Bearing 3	Other Bearing	Other Bearings	1
Span 3	Near Bearing 3	Other Bearing	Other Bearings	1
Span 3	Near Bearing 4	Other Bearing	Other Bearings	1
Span 3	Far Bearing 4	Other Bearing	Other Bearings	1
Span 3	Far Bearing 5	Other Bearing	Other Bearings	1
Span 3	Near Bearing 5	Other Bearing	Other Bearings	1
Span 3	Near Bearing 6	Other Bearing	Other Bearings	1
Span 3	Far Bearing 6	Other Bearing	Other Bearings	1
Span 3	Far Bearing 7	Other Bearing	Other Bearings	1
Span 3	Near Bearing 7	Other Bearing	Other Bearings	1
Span 3	Vertical Clearance (14'-2") 1	Other warning sign	Other Warning Signs	1
Span 3	Vertical Clearance (14'-2") 2	Other warning sign	Other Warning Signs	1
Span 3	Vertical Clearance (14'-2") 3	Other warning sign	Other Warning Signs	1
Span 3	Vertical Clearance (14'-2") 4	Other warning sign	Other Warning Signs	1
Span 3	Vertical Clearance (14'-2") 5	Other warning sign	Other Warning Signs	1
Span 3	Vertical Clearance (14'-2") 6	Other warning sign	Other Warning Signs	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2179
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	42

Location	Name	Component	Element Name	Amount
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	42
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	42
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	42
Span 4	Beam 5	Plate Girder	Steel Open Girder/Beam	42
Span 4	Beam 6	Plate Girder	Steel Open Girder/Beam	42
Span 4	Beam 7	Plate Girder	Steel Open Girder/Beam	42
Span 4	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	42
Span 4	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	42
Span 4	Expansion Joint, Bent 3	Standard Joint	Pourable Joint Seal	49
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1743
Span 4	Far Bearing 1	Other Bearing	Other Bearings	1
Span 4	Near Bearing 1	Other Bearing	Other Bearings	1
Span 4	Near Bearing 2	Other Bearing	Other Bearings	1
Span 4	Far Bearing 2	Other Bearing	Other Bearings	1
Span 4	Far Bearing 3	Other Bearing	Other Bearings	1
Span 4	Near Bearing 3	Other Bearing	Other Bearings	1
Span 4	Near Bearing 4	Other Bearing	Other Bearings	1
Span 4	Far Bearing 4	Other Bearing	Other Bearings	1
Span 4	Far Bearing 5	Other Bearing	Other Bearings	1
Span 4	Near Bearing 5	Other Bearing	Other Bearings	1
Span 4	Near Bearing 6	Other Bearing	Other Bearings	1
Span 4	Far Bearing 6	Other Bearing	Other Bearings	1
Span 4	Far Bearing 7	Other Bearing	Other Bearings	1
Span 4	Near Bearing 7	Other Bearing	Other Bearings	1
Span 4	Delineator NE	Delineator	Warning Signs	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	54
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	69
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	65
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	54
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	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 5	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	69
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	65
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	54
Bent 3	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1

Location	Name	Component	Element Name	Amount
Bent 3 Pile 5		Reinforced Concrete Column	Reinforced Concrete Column	1

General Inspection Notes

Span 4 Deck

SPAN 4: UP TO 1 INCH OF SETTLEMENT OF SIDEWALK ALONG RIGHT SIDE AT BENT 3

National Bridge and NC Inspection Items

Structure Number: 910069 Inspection Date: 10/17/2023

National Bridge Inventory Items

Item	Grade Scale	Grade	
Item 58: Deck	0 - 9 , N	7	Note:
Item 59: Superstructure	0 - 9 , N	5	Items 58,59,60,62 reflect this
Item 60: Substructure	0 - 9 , N	6	inspection only.
Item 61: Channel and Channel Protection	0 - 9 , N	N	For overall NBI coding grade, see cover sheet.
Item 62: Culvert	0 - 9 , N	N	
Item 71: Waterway Adequacy	0 - 9 , N	N	
Item 72: Approach Roadway Alignment	0 - 9 , N	8	

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

NC SMU Inspection Items

ltem	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	F	8730	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C	Р		
Slope Protection	G, F, P, or C	G	0	3352
Scour	G, F, P, or C			
Wingwall	G, F, P, or C	G	0	3350
Field Scour Evaluation		N		
Drift	G, F, P, or C		0	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	F		
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	16
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	Υ
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N
Portion of Structure in > 3' of water	YES/NO	N

National Bridge and NC SMU Inspection Item Details

Structure Number: 910069 Inspection Date: 10/17/2023

Item Superstructure - Item 59 Grade 5 Maint Code Qty. 0

Details WELDED PLATE REPAIRS ALONG WEB AND FLANGES IN VARIOUS LOCATIONS THROUGHOUT BEAMS; REPAIRS MADE PRIOR TO 2002 INSPECTION. SEE BEAM DETAIL SHEET FOR DETAILS AND DIMENSIONS.

UP TO 3/16 INCH HORIZONTAL CRACKING AND AREAS OF DELAMINATION THROUGHOUT END DIAPHRAGMS

Item Priority Maintenance Issued Grade Y Maint Code Qty. 0

Details SPAN 1 BEAM 1

SPAN 1 BEAM 2

SPAN 1 BEAM 3 (x2)

SPAN 1 BEAM 4

SPAN 1 BEAM 5

SPAN 1 BEAM 6

SPAN 1 BEAM 7 (x2)

SPAN 1 BEAM 7 FAR BEARING

SPAN 2 BEAM 1

SPAN 2 BEAM 5 (x2)

SPAN 2 BEAM 6

SPAN 2 BEAM 7 (x4)

SPAN 3 BEAM 1

SPAN 3 BEAM 1 FAR BEARING

SPAN 3 BEAM BEAM 4

SPAN 3 BEAM 7 NEAR BEARING

SPAN 4 BEAM 1 (x2)

SPAN 4 BEAM 1 NEAR BEARING

SPAN 4 BEAM 4

SPAN 4 BEAM 4 NEAR BEARING

SPAN 4 BEAM 5

SPAN 4 BEAM 5 NEAR BEARING

SPAN 4 BEAM 7

SPAN 2 ASPHALT WEARING SURFACE

SPAN 3 ASPHALT WEARING SURFACE

SPAN 4 ASPHALT WEARING SURFACE

BENT 2 CAP

BENT 3 CAP

Item Deck Debris Grade F Maint Code 3376 Qty. 8730

Details DIRT AND DEBRIS ACCUMULATION ALONG BOTH SHOULDERS

Item Utilities Grade P Maint Code Qty. 0

Details 12 INCH DIAMETER DUCTILE IRON UTILITY ATTACHED TO BOTTOM OF DECK IN BAY 6

APPROXIMATELY 5 BROKEN UTILITY HANGERS IN VARIOUS LOCATIONS

IMPACT DAMAGE ALONG RIGHT SIDE IN SPAN 3

Item Response to live load Grade F Maint Code Qty. 0

Details DEFLECTION UNDER HEAVY LOAD

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

Details BEAMS 6 AND 7 AND UTILITY IN SPAN 3 STRUCK BY PASSING TRUCK DURING INSPECTION. DAMAGE INSPECTION REQUESTED; NO SIGNIFICANT NEW DAMAGE NOTICED FROM INPACT.

SAG ALONG RIGHT SIDE OF SPAN 3 DECK AND RAIL ABOVE BEAM 7 WITH VERTICAL DEFLECTION OF DECK AND SIEWALK AT BENTS 2 AND 3



End Bent 1 Abutment: 11 INCH X 12 INCH FAILED REPAIR IN FACE OF ABUTMENT IN BAY 6 ADJACENT TO UTILITY PENETRATION



End Bent 1 Cap 1: UP TO 1/8 INCH X 15 FOOT LONG HORIZONTAL CRACK IN FACE OF CAP BENEATH BEAMS 3 AND 4



End Bent 1 Cap 1: HAIRLINE MAP CRACKING IN FACE OF CAP AT RIGHT END



End Bent 1 Cap 1: UP TO 1/16 INCH HORIZONTAL CRACK AND HAIRLINE MAP CRACKING WITH EFFLORESCENCE AND RUST STAINING IN FACE OF CAP AT LEFT END



Span 1 Beam 7: PAR: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 10 INCH LONG X 2 INCH WIDE DOWN TO 3/16 INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1



Span 1 Beam 3: PAR: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 12 INCH LONG X 4 INCH WIDE DOWN TO 1/2 INCH INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1



Span 1 Beam 2: PAR: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 10 INCH LONG X 3 INCH WIDE DOWN TO 5/8 INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1



Span 1 Beam 1: PAR: CORROSION ALONG RIGHT EDGE OF BOTTOM FLANGE UP TO 16 INCH LONG X 4 INCH WIDE DOWN TO 5/8 INCH RESIDUAL FLANGE EXTENDING FROM END BENT 1



Span 1 Beam 3: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 12 INCH LONG X 20 INCH HIGH DOWN TO 5/16 INCH RESIDUAL WEB AND 35 INCH LONG X 10 INCH WIDE DOWN TO 1/2 INCH RESIDUAL BOTTOM FLANGE AT BENT 1



Span 1 Beam 2: 38 INCH LONG X 7 INCH WIDE X 1 INCH DEEP SPALL WITH EXPOSED REBAR IN END DIAPHRAGM ADJACENT TO BEAM 3



Span 1 Beam 4: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14 INCH LONG X 24 INCH HIGH DOWN TO 1/4 INCH RESIDUAL WEB AND 58 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1



Span 1 Beam 5: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 12 INCH LONG X 20 INCH HIGH DOWN TO KNIFES EDGE RESIDUAL WEB WITH 4 INCH X 2 INCH HOLE AT END DIAPHRAGM AND 38 INCH LONG X 10 INCH WIDE DOWN TO 5/8 INCH INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1



Span 1 Beam 6: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 13 INCH LONG X 19 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 40 INCH LONG X 10 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1



Span 1 Beam 7 - Far Bearing: PAR: MISSING ANCHOR BOLT ON LEFT SIDE



Span 1 Beam 7: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36 INCH LONG X UP TO 21 INCH HIGH DOWN TO KNIFES EDGE RESIDUAL WEB WITH 8 INCH X 3 INCH AREA OF UP TO 1/2 INCH DIAMETER HOLES IN WEB AND 36 INCH LONG X 10 INCH WIDE DOWN TO 1/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1



Span 1 Deck: (3) SPALLS UP TO 6 INCH X 6 INCH X 1 INCH DEEP WITH EXPOSED REBAR IN BOTTOM OF LEFT OVERHANG AT FAR END



Span 1 Deck: AREAS OF POORLY CONSOILDATED CONCRETE IN VARIOUS LOCATIONS IN BOTTOM OF DECK



Span 2 Beam 7: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18 INCH LONG X 20 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 23 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1



Span 2 Beam 7: PAR: CORROSION THROUGHOUT LEFT SIDE STIFFENER WITH 7 INCH X 4 INCH LOSS OF SECTION AT BENT 1 BEARING



Span 2 Beam 7: PAR: IMPACT DAMAGE TO BOTTOM COVER PLATE WITH 1 1/2 INCH X 1/2 INCH X 1/16 INCH GOUGE AND 11 INCH LONG BROKEN WIELD WITH UP TO 1 INCH OF VERTICAL DEFLECTION LOCATED APPROXIMATELY 21 FOOT FROM BENT 1



Span 2 Beam 6: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 10 INCH LONG X 16 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 17 INCH LONG X 4 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE AT BENT 1



Span 2 Beam 5: PAR: CORROSION THROUGHOUT RIGHT SIDE STIFFENER WITH 4 INCH X 2 INCH LOSS OF SECTION AT BENT 1 BEARING



Span 2 Beam 5: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36 INCH LONG X UP TO 17 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN RESIDUAL WEB AND 18 INCH LONG X 10 INCH WIDE DOWN TO 9/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 1



Span 2 Beam 4 - Near Bearing: CORROSION THROUGHOUT



Span 2 Beam 1: PAR: IMPACT DAMAGE TO BOTTOM COVER PLATE WITH 3 INCH X 1 INCH X 1/16 INCH GOUGE AND UP TO 1/2 INCH OF VERTICAL DEFLECTION AND 1/2 INCH OF RIGHT LATTERAL DEFLECTION LOCATED APPROXIMATELY 21 FOOT FROM BENT 1



Span 2 Deck: (20) 4 INCH X 1 INCH X 1/2 INCH SPALLS WITH EXPOSED REINFORCING, AT RANDOM ALONG EAST EDGE OF EAST OVERHANG



Span 2 Deck: 6 INCH X 36 INCH X 1 INCH DEEP SPALL WITH EXPOSED REINFORCING, EAST OVERHANG AT BENT 1.



Bent 1 Pile 4: UP TO 1/16 INCH VERTICAL CRACK IN LEFT FACE OF COLUMN FOM BOTTOM OF CAP TO GROUND LINE



Bent 1 Cap 1: UP TO 0.05 INCH X 20 INCH TRANSVERSE CRACK IN BOTTOM OF CAP BETWEEN COLUMNS 2 AND 3



Bent 1 Cap 1: 10 INCH X 8 INCH AREA OF DELAMINATION IN SPAN 2 FACE OF CAP BENEATH BEAM 1



Bent 2 Pile 1: 12 INCH HIGH X 5 INCH X 4 INCH AREA OF DELAMINATION IN NORTHEAST CORNER AT GROUND LINE



Bent 2 Pile 3: UP TO 1/16 INCH X 28 INCH VERTICAL CRACK IN NORTHWEST CORNER AT BOTTOM OF CAP



Bent 2 Pile 3: UP TO 1/16 INCH VERTICAL CRACK IN SPAN 2 FACE ALONG LEFT EDGE AT MID HEIGHT



Bent 2 Pile 5: UP TO 1/16 INCH X 40 INCH VERTICAL CRACKS IN SPAN 3 AND EAST FACE OF COLUMN NEAR GROUND LINE



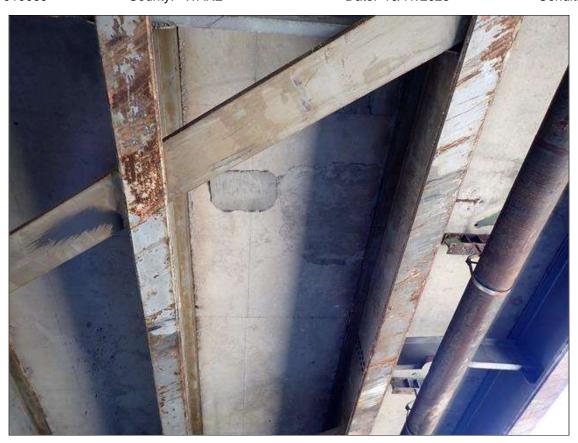
Span 2 Beam 7: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 52 INCH LONG X 20 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 36 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 2



Span 2 Beam 7: PAR: CORROSION THROUGHOUT VERTICAL STIFFENER WITH 15 INCH X 5 INCH LOSS OF SECTION ON LEFT SIDE AT BENT 2 BEARING



Span 3 Deck: SPALLING UP TO 6 INCH DIAMETER X 3/4 INCH DEEP IN VARIOUS LOCATIONS ALONG EDGES OF BEAMS 3, 4 AND 5 TOP FLANGE



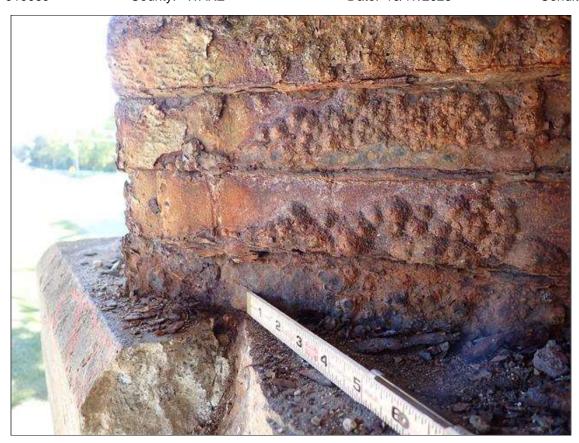
Span 3 Deck: 20 SQUARE FEET PATCHING TO UNDERSIDE OF DECK IN BAY 5, AT MIDSPAN.



APPROXIMATELY 5 BROKEN UTILITY HANGERS IN VARIOUS LOCATIONS



Bent 2 Cap 1: PAR: 9 INCH WIDE X 10 INCH HIGH AREA OF DELAMINATION WITH 15 INCH WIDE X 10 INCH HIGH X 3 INCH DEEP SPALL WITH EXPOSED REBAR IN TOP AND SPAN 3 FACE OF CAP BENEATH BEAM 7 BEARING



Span 3 Beam 7 - Near Bearing: AREA OF DELAMINATION IN SPAN 3 FACE OF CAP BENEATH BEAM 7 NEAR BEARING WITH APPROXIMATELY 3 INCH X 3 INCH LOSS OF BEARING



Span 3 Beam 7: 30 FOOT OF IMPACT DAMAGE WITH UP TO 1/16 INCH GOUGING THROUGHOUT (BEAM STRUCK BY TRACKER TRAILER DURING INSPECTION, DAMAGE INSPECTION REQUESTED)



Span 3 Beam 5: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 30 INCH LONG X 6 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 17 INCH LONG X 5 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 2



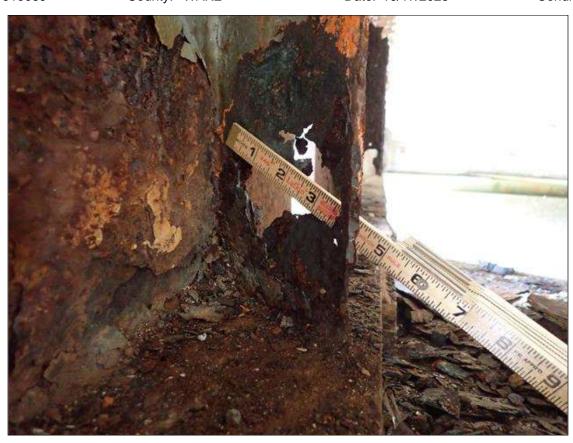
Span 3 Beam 4: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 26 INCH LONG X 6 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 34 INCH LONG X 10 INCH WIDE DOWN TO 9/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 2



Span 3 Beam 3: UP TO 1 INCH VERTICAL DEFLECTION FROM IMPACT DAMAGE NEAR MIDSPAN



Span 3 Beam 1: PAR: CORROSION THROUGHOUT RIGHT SIDE STIFFENER DOWN TO KNIFES EDGE WITH (2) HOLES UP TO 4 INCH X 4 INCH AT BENT 3



Span 3 Beam 1: PAR: CORROSION THROUGHOUT RIGHT SIDE STIFFENER DOWN TO KNIFES EDGE WITH (2) HOLES UP TO 4 INCH X 4 INCH AT BENT 3



Span 3 Beam 1 - Far Bearing: PAR: MISSING ANCHOR NUT ON EAST SIDE



Span 4 Beam 1: PAR: CORROSION THROUGHOUT RIGHT SIDE STIFFENER DOWN TO KNIFES EDGE WITH (2) HOLES UP TO 5 INCH X 4 INCH AT BENT 3



Span 4 Beam 1: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68 INCH LONG X UP TO 20 INCH HIGH DOWN TO 1/4 INCH RESIDUAL WEB WITH PIN HOLES BEHIND STIFFENER AND 52 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3



Span 4 Beam 1: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68 INCH LONG X UP TO 20 INCH HIGH DOWN TO 1/4 INCH RESIDUAL WEB WITH PIN HOLES BEHIND STIFFENER AND 52 INCH LONG X 10 INCH WIDE DOWN TO 5/16 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3



Span 4 Beam 1 - Near Bearing: PAR: MISSING ANCHOR ROD ON BOTH SIDES



Span 4 Beam 2: AREAS OF SURFACE CORROSION THROUGHOUT



Span 4 Beam 4: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 47 INCH LONG X 18 INCH HIGH DOWN TO 1/2 INCH RESIDUAL WEB AND 52 INCH LONG X 10 INCH WIDE DOWN TO 5/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3



Span 4 Beam 4 - Near Bearing: PAR: MISSING ANCHOR ROD ON WEST SIDE



Span 4 Beam 5 - Near Bearing: PAR: MISSING ANCHOR ROD ON EAST SIDE



Span 4 Beam 5: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 16 INCH LONG X 6 INCH HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AND 14 INCH LONG X 4 INCH WIDE DOWN TO 1/2 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3



Span 4 Beam 6 - Near Bearing: ANCHOR NUT IS NOT FULLY TIGHT ON THE EAST SIDE.



Span 4 Beam 7: PAR: CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36 INCH LONG X 19 INCH HIGH DOWN TO 3/8 INCH RESIDUAL WEB AND 36 INCH LONG X 10 INCH WIDE DOWN TO 3/8 INCH RESIDUAL BOTTOM FLANGE EXTENDING FROM BENT 3



Bent 3 Cap 1: 34 INCH X 30 INCH AREA OF DELAMINATION WITH MAP CRACKING UP TO 1/16 INCH IN SPAN 4 FACE OF CAP BENEATH BEAM 5



Bent 3 Cap 1: PAR: 28 INCH LONG X 12 INCH HIGH X 2 INCH DEEP SPALL WITH EXPOSED REBAR IN SPAN 4 FACE OF CAP BENEATH BEAM 3



Bent 3 Pile 4: UP TO 1/8 INCH X 74 INCH LONG VERTICAL CRACKS IN LEFT FACE OF COLUMN AT BOTTOM OF CAP



End Bent 2 Cap 1: UP TO 1/8 INCH HORIZONTAL CRACKS WITH RUST STAINING IN FACE OF CAP FROM BEAM 2 TO BEAM 3



Span 1 Wearing Surface: UP TO 1/8 INCH TRANSVERSE CRACKS ALONG END BENT 1



Span 1 Wearing Surface: INTERMITTENT LONGITUDINAL AND TRANSVERSE CRACKING (UP TO 1/4 INCH) THROUGHOUT ASPHALT WEARING SURFACE.



Span 2 Wearing Surface: PAR: 42 INCH X 8 INCH X 3 INCH DEEP POTHOLE IN CENTER OF NORTHBOUND LANE ABOVE BENT 1



Span 1 Right Bridge Rail: LOOSE ANCHOR NUT AT SOUTHEAST CORNER OF RAIL POST 2



Span 1 Right Bridge Rail: WELDED REPAIR TO BOTTOM OF ALUMINUM POST 1



Span 2 Right Bridge Rail: UP TO 0.016 INCH TRANSVERSE AND VERTICAL CRACKS IN TOP AND BOTH FACES OF PARAPET IN VARIOUS LOCATIONS



Span 3 Wearing Surface: PAR: 96 INCH LONG X 8 INCH WIDE X 3 INCH DEEP POTHOLE IN FAILED REPAIR IN CENTER OF NORTHBOUND LANE ABOVE BENT 2



Span 4 Wearing Surface: PAR: 28 INCH X 8 INCH X 3 INCH DEEP POTHOLE IN CENTER OF SOUTHBOUND LANE ABOVE BENT 3



Span 4 Wearing Surface: 18 FOOT OF FAILED REPAIR PRIMARILY IN CENTER LANE ALONG BENT 3



UP TO 1/16 INCH LONGITUDINAL CRACKS AND HAIRLINE MAP CRACKING IN TOP OF SIDEWALKS IN VARIOUS LOCATIONS THROUGHOUT



UP TO 1/16 INCH LONGITUDINAL CRACKS AND HAIRLINE MAP CRACKING IN TOP OF SIDEWALKS IN VARIOUS LOCATIONS THROUGHOUT



DIRT AND DEBRIS ACCUMULATION ALONG BOTH SHOULDERS



Span 4 Beam 2 - Protective System: PEELING PAINT ALONG WEB AND BOTH FLANGES IN VARIOUS LOCATIONS



SAG ALONG RIGHT SIDE OF SPAN 3 DECK AND RAIL ABOVE BEAM 7 WITH VERTICAL DEFLECTION OF DECK AND SIEWALK AT BENT 3



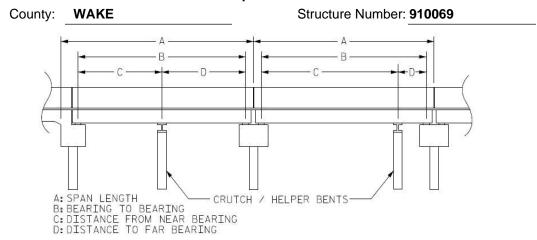
SAG ALONG RIGHT SIDE OF SPAN 3 DECK AND RAIL ABOVE BEAM 7 WITH VERTICAL DEFLECTION OF DECK AND SIEWALK AT BENTS 2 AND 3



SAG ALONG RIGHT SIDE OF SPAN 3 DECK AND RAIL ABOVE BEAM 7 WITH VERTICAL DEFLECTION OF DECK AND SIEWALK AT BENTS 2 AND 3

Structure Data Worksheet

Span Profile



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	42.500	40.750			
2	66.000	65.000			
3	60.500	59.500			
4	42.500	40.750			

Structure Number: 910069 Span: 2 Route Name: US70E



SPAN 2 WEST PROFILE, LOOKING EAST - LIDAR

Route Number: 21000	700	Route Nar	me: l	JS70E		Reference Feature:	Н	
Minimum Vertical Clearance 15.260 feet Maximum Minimum Vertical Clearance 15.340 feet								
Total Horizontal Clearar	feet							
✓ Base Highway Netwo	✓ Base Highway Network LRS Inventory Route, Sub Route Number 20070							
Milepost: 0.000	Number	of Lanes: 2	2	ADT : 14750	Year of Al	DT : 2019	Percentage of Trucks:	12
✓ National Highway System STRAHNET Highway Desig							nator	
Functional Classificatio	way traffic							

Structure Number: 910069 Span: 3 Route Name: US70W



LOOKING WEST AT SPAN 3.

Route Number: 210007	700	Route Na	ıme: l	US70W		Reference Feature:	Н
Minimum Vertical Clears	ance 14.	150 feet	Maxim	um Minimum Vertical (Clearance 14.340 feet		
Total Horizontal Clearar	feet						
✓ Base Highway Netwo	ork	LRS Inv	entory R	Route, Sub Route Num	ber 20070		
Milepost: 0.000	Number	of Lanes:	2	ADT : 14750	Year of ADT: 2019	Percentage of Trucks:	12
✓ National Highway Sy	nator						
Functional Classificatio	way traffic						

Roadway	41.50ft Wide	3 Paved Lanes	Looking North		
Left Shoulder	4.083ft Wide	1.50ft Paved	2.583ft Unpaved		
Right Shoulder	3.75ft Wide	2.00ft Paved	1.75ft Unpaved		
Left Guardrail	4.083ft from road				
Right Guardrail	3.75ft from road				
Right Guardrail	3.75ft from road				

Measurements recorded approximately 25.00ft South of End Bent 1 along centerline of roadway.

Title APPROACH ROADWAY			Descriptio LOOKIN		ГН			
Structure No: 910069	Drawn By:	BKE		Date:	10/17/2023	Filename:	S000690000130.wes	

Deck Width/Out to Out	51.25ft	Betwee	Between Rails				
Clear Roadway	41.083ft	Wearin	Wearing Surface			4.00in	
Median Width		Mediar	Median Height				
Curb Height		Left	6.00in	Right	6.00)in	
Sidewalk Width		Left	4.00ft	Right	4.00ft		
Clear Roadway (Rail to Median)		Left		Right			
Guardrail Width	Top of Rail to Deck/Wearing Surface			Right	12.0	00in	
Top of Rail to Deck/Wearing Sur				Right	3.66	57ft	
Bridge Rail Type				Right	Тур	e 9	

ONE (1) NORTHBOUND THRU LANE, ONE (1) SOUTHBOUND THRU LANE, AND ONE (1) SOUTHBOUND LEFT TURN LANE

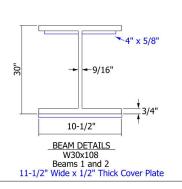
12" Dia. Ductile Iron Utility

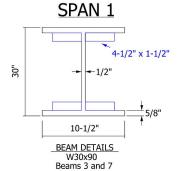
Measurements for Spans	1 thru 4		
Deck Thickness	7.25in	Left Overhang	4.625ft
Top of Rail to Bottom of Beam (Avg)	7.125ft	Right Overhang	4.625ft

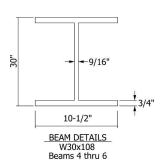
Beam #	Beam Type	Width	Height	Spacing	From
1	Plate Girder	10.50in	30.00in	4.625ft	Left Edge of Deck
2	Plate Girder	10.50in	30.00in	7.50ft	Beam 1
3	Plate Girder	10.50in	30.00in	7.50ft	Beam 2
4	Plate Girder	10.50in	30.00in	6.75ft	Beam 3
5	Plate Girder	10.50in	30.00in	6.75ft	Beam 4
6	Plate Girder	10.50in	30.00in	6.75ft	Beam 5
7	Plate Girder	10.50in	30.00in	6.75ft	Beam 6

see BEAM DETAIL sheet for dimensions.

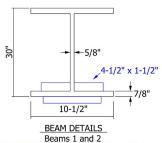
Title TYPICAL SECTION			Descriptio 7 LINES		EEL I-BEAMS		
Structure No: 910069	Drawn By:	BKE		Date:	10/17/2023	Filename:	S000690000131.wes

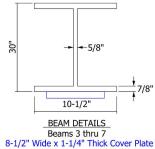




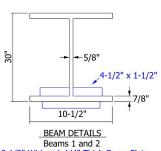


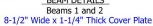
SPAN 2



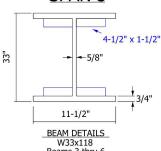


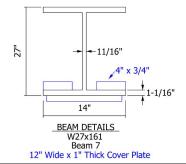
Beams 1 and 2 8-1/2" Wide x 1-1/4" Thick Cover Plate

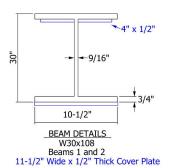


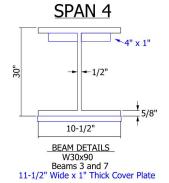


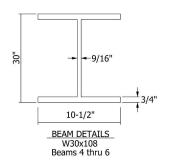
SPAN 3











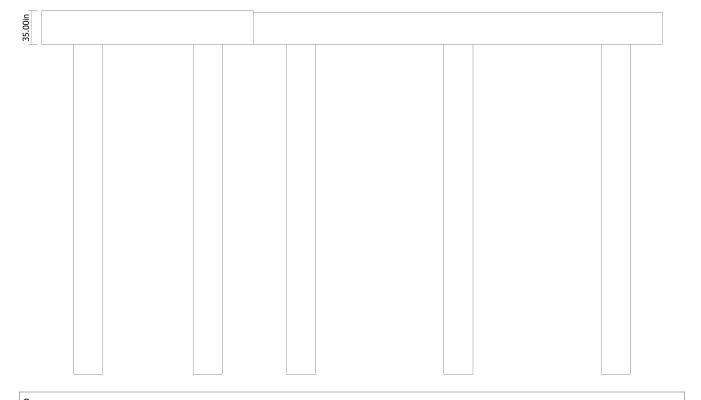
- Welded on Sections not Original to Bridge.

Title BEAM DETAIL			Description BEAM D		IONS AND PLATE	REPAIRS	
Structure No: 910069	Drawn By:	BKE		Date:	10/17/2023	Filename:	S000690000134.wes



C	Caps									
# Name Type		L	Length \		Width Height		Left Beam to End of Cap		Right Beam to End of Cap	
1 Cap 1 Reinfo		orced Concrete Pier Cap 5	3.50ft	30.00	0in	30.00in	1.708ft	1.708ft		
Pi	les									
#	Name	Туре	Spacing	g	From			Height/Diam	. Width	Length
1	Pile 1	Reinforced Concrete Column	n 4.25ft		Left End of Bent		t	30.00in	30.00in	
2	Pile 2	Reinforced Concrete Column	15.00ft	15.00ft Pile		Pile 1		30.00in	30.00in	
3	Pile 3	Reinforced Concrete Column	15.00ft		Pile 2			30.00in	30.00in	
4 Pile 4		Reinforced Concrete Column	15.00ft	.	Pile 3			30.00in	30.00in	

Title BENT PROFILE			Descriptio BENT 1	า			
Structure No: 910069	Drawn By:	BKE		Date:	10/17/2023	Filename:	S000690000132.wes



Ca	aps			53.25ft 30.00in 30.00in 1.708ft							
#	Name	Туре	l	ength	Widt	th	Height	Left Beam to End of Cap		Right Beam to End of Cap	
1	Cap 1	Reinfo	rced Concrete Pier Cap	53.25ft	30.0	0in	30.00in	1.708ft		1.708ft	
Pi	Piles										
#	Name		Туре	Spacin	g	From	n		Height/Diam	. Width	Length
1	Pile 1		Reinforced Concrete Column	4.00ft		Left	End of Ben	t	30.00in	30.00in	
2	Pile 2		Reinforced Concrete Column	10.25f	t	Pile 1	1		30.00in	30.00in	
3	Pile 3		Reinforced Concrete Column	8.00ft		Pile 2	2		30.00in	30.00in	
4	Pile 4		Reinforced Concrete Column	13.50f	t	Pile 3		30.00in	30.00in		
5	Pile 5		Reinforced Concrete Column	13.50f	t	Pile 4	1		30.00in	30.00in	

Title BENT PROFILE 2		Description BENTS 2 AND 3				
Structure No: 910069	Drawn By: BKE	Date: 10/17/2023	Filename: S000690000133.wes			



END BENT 1, END BENT 2 SIMILAR



12 INCH DIAMETER DUCTILE IRON UTILITY ATTACHED TO BOTTOM OF DECK IN BAY 6



SOUTHEAST WINGWALL, OTHERS SIMILAR



BENT 2, BENT 3 SIMILAR



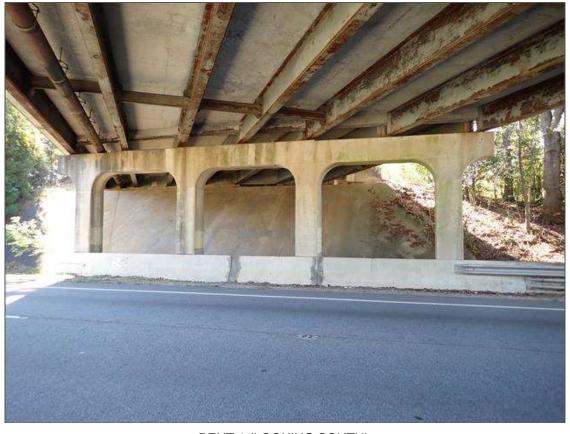
SPAN 2 UNDERDECK, OTHERS SIMILAR



SPAN 1 EAST PROFILE, LOOKING SOUTHWEST



BEAM 2 BEARINGS AT BENT 2, OTHERS SIMILAR AT BENTS



BENT 1 (LOOKING SOUTH)



EAST PROFILE, LOOKING WEST



SPAN 3 EAST PROFILE, LOOKING WEST



SPAN 2 WEST PROFILE, LOOKING EAST



WEST PROFILE, LOOKING EAST



SPAN 4 WEST PROFILE, LOOKING EAST



BEAM 2 BEARING AT END BENT 2, OTHERS SIMILAR AT END BENTS



GUARDRAIL END TREATMENT AT NORTHWEST CORNER, SOUTHWEST SIMILAR



NORTHWEST APPROACH GUARDRAIL POST SPACING AT MID LENGTH, SOUTHWEST AND SOUTHEAST SIMILAR



NORTH APPROACH, LOOKING SOUTH



NORTHWEST APPROACH GUARDRAIL POST SPACING AT BRIDGE, SOUTHWEST AND SOUTHEAST SIMILAR



RIGHT RAIL END POST AT NORTHEAST CORNER



LOOKING WEST



LOOKING EAST



GUARDRAIL END TREATMENT AT SOUTHEAST CORNER



LOOKING NORTH



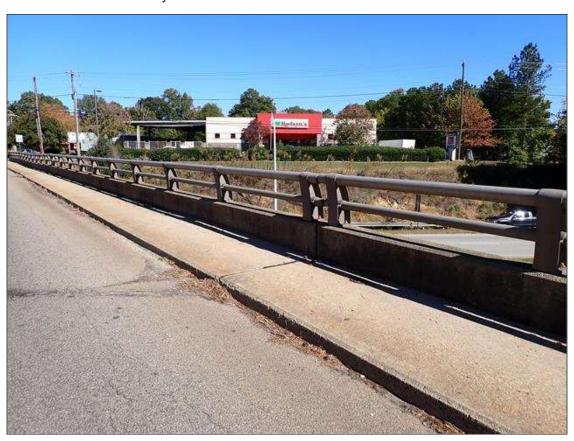
TRANSITION ALONG END BENT 1 FILL FACE, TRANSITION ALONG END BENT 2 FILL FACE SIMILAR



SOUTH APPROACH



NORTH APPROACH



RIGHT RAIL, LEFT RAIL SIMILAR



14'-2" VERTICAL CLEARANCE SIGNS ALONG US70 WESTBOUND LANE APROXIMATELY 1 MILE EAST OF BRIDGE ON US70



14'-2" VERTICAL CLEARANCE SIGNS ALONG US70 WESTBOUND LANE APROXIMATELY 3/4 MILE EAST OF BRIDGE ON US70



14'-2" VERTICAL CLEARANCE SIGNS ALONG US70 WESTBOUND LANE APROXIMATELY 500 FEET EAST OF BRIDGE ON US70



GUARDRAIL TO BARRIER RAIL CONNECTION AT SOUTHEAST CORNER, SOUTHWEST AND NORTHWEST SIMILAR