

ATTENTION: PRIORITY ACTION REQUEST ISSUED; HYDRA-

PLATFORM USED

Structure Safety Report

Routine Element Inspection - Contract

STRUCTURE NUMBER: 77012	25 SAP STRUCT	TURE NO: 0	780125	FHWA	STRUCTU	JRE NO: (J00000001	550125
DIVISION: 6 COUNTY:	ROBESON	INSPECTIO	ON DATE:	04/22/2022	FREQ	UENCY:	24 MONT	HS
FACILITY CARRIED: NC41,No	C72			MIL	E POST:			
LOCATION: 100' W. OF JCT.S	SR1536							
FEATURE INTERSECTED: LUI	MBER RIVER							
LATITUDE: 34° 37′ 5.04″	LON	GITUDE: 79	° 0' 40.88"					
SUPERSTRUCTURE: REINFO	ORCED CONCRETE DECK	ON REINFO	ORCED CO	ONC. DECK GIR	RDERS			
SUBSTRUCTURE: E.BTS&BT	S:RC CAP/PPC PILES							
SPANS: 6 SPANS. SEE SP	AN PROFILE SHEET FOR	SPAN DETA	ILS					
FRACTURE CRITICAL	TEMPORARY SHORIN	ig □sco	OUR CRIT	TCAL	SCOUR	PLAN OF	ACTION	
GRADES: (Inspector/NBI Coding)	DECK 4/4 SUPERS	STRUCTURE	5/5	SUBSTRUCTU	RE <u>4/4</u>	CUL	/ERT N/I	١
POSTED SV: Not Posted		Р	OSTED TT	ST: Not Posted				
OTHER SIGNS PRESENT: (4)					gn noticed	ı		Number Required
		-	Ψ.		NO	WEIGH	IT LIMIT	0
				UMBEN	NO	DELINE	EATORS	0
					NO	NARROW	BRIDGE	0
amound					NO	ONE LAN	E BRIDGE	0
		A			NO	LOW CLE	ARANCE	0
				2	INSP	TION OF ECTION CTION ES PLANS	W-E	
Looking East								
INSPECTED BY Tanner Hartley	SIGNATURE	1	-BHX	ASS	SISTED BY	Jim Stock	ks	

IDENTIFICATION —	— — — — — — — — — — — — — — — — — — —	_
(1) STATE NAME NORTH CAROLINA BRIDGE 77012		43
(8) STRUCTURE NUMBER (FEDERAL) 155012		ficie
(5) INVENTORY ROUTE (ON/UNDER) ON 13100041	CLASSIFICATION ————————————————————————————————————	ODI
	(112) NBIS BRIDGE SYSTEM	
(3) COUNTY CODE (FEDERAL) 155 (4) PLACE CODE 3970 (6) FEATURE INTERSECTED LUMBER RIVER	(104) HIGHWAY SYSTEM Inventory Route is on NHS	
(7) FACILITY CARRIED NC41,NC72	(26) FUNCTIONAL CLASS Urban Other Principal Arterial	
(9) LOCATION 100' W. OF JCT.SR1536	(100) STRAHNET HIGHWAY Not a STRAHNET Route	
(11) MILEPOINT 0.	(101) PARALLEL STRUCTURE No parallel structure exists	
12) BASE HIGHWAY NETWORK	(102) DIRECTION OF TRAFFIC 2-way traffic	
13) LRS INVENTORY ROUTE & SUBROUTE 3004 (16) LATITUDE 34° 37' 5.04" (17) LONGITUDE 79° 0' 40.88	(402) TEMPODARY CTRUCTURE	
98) BORDER BRIDGE STATE CODE PERCENT SHARED	(110) DESIGNATED NATIONAL NETWORK - on natiional network for trucks	
99) BORDER BRIDGE STRUCTURE NUMBER	(20) TOLL On Free Road	
	(21) MAINT -	
STRUCTURE TYPE AND MATERIAL Concret 43) STRUCTURE TYPE MAIN		
43) STRUCTURE TYPE MAIN Concret TYPE Tee Beam CODE 10		
	(67) 11161 611161 2 6161111 16711162	
44) STRUCTURE TYPE APPROACH		OD
TYPE CODE	(58) DECK	
	5 (59) SUPERSTRUCTURE	
) (60) SUBSTRUCTURE	
107) DECK STRUCTURE TYPE CODE	(61) CHANNEL & CHANNEL PROTECTION	
108)WEARING SURFACE/PROTECTIVE SYSTEM	(62) CULVERTS	
()		OD
(B) TYPE OF MEMBRANE CODE	(31) DESIGN LOAD H 15	
(C) TYPE OF DECK PROTECTION CODE	(63) OPERATING RATING METHOD - Load Factor	
AGE AND SERVICE -	(64) OPERATING RATING - HS-26	
27) YEAR BUILT 193	(65) INVENTORY RATING METHOD -	
106) YEAR RECONSTRUCTED	(66) INVENTORY RATING HS-16	
42) TYPE OF SERVICE ON - Highway - Pedestria	(70) BRIDGE POSTING No Posting Required	
OFF - Waterway CODE 5	(41) STRUCTURE OPEN, POSTED, OR CLOSED	
28) LANES ON STRUCTURE 2 LANES UNDER STRUCTURE	DESCRIPTION Open, no restriction	
29) AVERAGE DAILY TRAFFIC 1400	APPRAISAL CO	OD
30) YEAR OF ADT 2017 (109) TRUCK ADT PCT 1	(67) STRUCTURAL EVALUATION	
9) BYPASS OR DETOUR LENGTH 1.	(68) DECK GEOMETRY	
GEOMETRIC DATA —	(69) UNDERCLEARANCES, VERT & HORIZ	
48) LENGTH OF MAXIMUM SPAN 46.	(71) WATERWAY ADEQUACY	
49) STRUCTURE LENGTH 285.	(72) APPROACH ROADWAY ALIGNMENT	
50) CURB OR SIDEWALK: LEFT 5.0 RIGHT 5.	(36) TRAFFIC SAFETY FEATURES	0
51) BRIDGE ROADWAY WIDTH, CURB TO CURB 52) DECK WIDTH OUT TO OUT 40.	(440) 000010 00171044 001700	
52) DECK WIDTH OUT TO OUT 40. 32) APPROACH ROADWAY WITH (W/ SHOULDERS) 29.		
·	PROPOSED IMPROVEMENTS CODE	_
34) SKEW 0 (35) STRUCTURE FLARED	(16) THE ST WORK (16) T	
10) INVENTORY ROUTE MIN VERT CLEAR 999.		
47) INVENTORY ROUTE TOTAL HORIZ CLEAR 28.		
53) MIN VERT CLEAR OVER BRIDGE RDWY 999.		
54) MIN VERT UNDERCLEAR: REFERENCE 0. 55) MIN LAT UNDERCLEARANCE RT: REFERENCE N 0.	(30) 101/1211100201 0001	
56) MIN LAT UNDERCLEARANCE LT:	(97) YEAR OF IMPROVEMENT COST ESTIMATE	
	(114) FUTURE ADT 28,000 YEAR OF FUTURE ADT	2
NAVIGATION CONTROL	— INSPECTION — (00) INSPECTION DATE (04) EDECLIENCY	_
	(90) INSPECTION DATE 04/22 (91) FREQUENCY	
111) PIER PROTECTION CODE	(92) CRITICAL FEATURE INSPECTION (93) CFI DATE	
39) NAVIGATION VERTICAL CLEARANCE 0.		_
116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR 0.4		02
(10) 110 110 110 110 110 110 110 110 110	C) OTHER SPECIAL INSP C)	
(40) NAVIGATION HORIZONTAL CLEARANCE 0.	o, o	

Superstructure Build Details

Span Number $\underline{1}$

Span Length <u>47.5000</u>

Skew 90.0000

Number of Items	Type of Component Element Name			Quantity	Protective System Applied	Quantity (Sq Ft)	
1	Reinforced Concrete Deck Slab	Reinforced Concrete Slabs	1924	Square Feet	Unknown	1924	
1	Asphalt Wearing Surface	Wearing Surface	1924	Square Feet			
5	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	240	Feet	Unknown	0	
2	Concrete Railing	Reinforced Concrete Bridge Railing	96	Feet			
10	Other Bearing	Other Bearings	10	Each			

Span Number $\underline{2}$

Span Length <u>47.5000</u>

Skew 90.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
5	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	240	Feet	Unknown	0
1	Asphalt Wearing Surface	Wearing Surface	1924	Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	96	Feet		
10	Other Bearing	Other Bearings	10	Each		
1	Reinforced Concrete Deck Slab	Reinforced Concrete Slabs	1924	Square Feet	Unknown	1924
1	Standard Joint	Pourable Joint Seal	0	Feet		

Span Number 3

Span Length <u>47.5000</u>

Skew 90.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
2	Concrete Railing	Reinforced Concrete Bridge Railing	96	Feet		
1	Standard Joint	Pourable Joint Seal	Pourable Joint Seal 0 Feet			
1	Asphalt Wearing Surface	Wearing Surface	1924	Square Feet		
5	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	240	Feet	Unknown	0
10	Other Bearing	Other Bearings	10	Each		
1	Reinforced Concrete Deck Slab	Reinforced Concrete Slabs	1924	Square Feet	Unknown	1924

Span Number $\underline{4}$

Span Length <u>47.5000</u>

Skew 90.0000

Superstructure Build Details

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	1924	Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	96	Feet		
5	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	240	Feet	Unknown	0
1	Reinforced Concrete Deck Slab	Reinforced Concrete Slabs	1924	Square Feet	Unknown	1924
1	Finger Joint	Assembly Joint without Seal	0	Feet		
10	Other Bearing	Other Bearings	10	Each		

Span Number 5

Span Length <u>47.5000</u>

Skew 90.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	1924	Square Feet		
1	Standard Joint	Pourable Joint Seal	0	Feet		
1	Reinforced Concrete Deck Slab	Reinforced Concrete Slabs	1924	Square Feet	Unknown	1924
2	Concrete Railing	Reinforced Concrete Bridge Railing	96	Feet		
5	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	240	Feet	Unknown	0
10	Other Bearing	Other Bearings	10	Each		

Span Number 6

Span Length <u>47.5000</u>

Skew 90.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Standard Joint	Pourable Joint Seal	0	Feet		
1	Asphalt Wearing Surface	Wearing Surface	1924	Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	96	Feet		
5	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	240	Feet	Unknown	0
10	Other Bearing	Other Bearings	10	Each		
1	Reinforced Concrete Deck Slab	Reinforced Concrete Slabs	1924	Square Feet	Unknown	1924

Structure Element Scoring

Structure Number: 770125 Inspection Date 4/22/2022

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
38	0	Reinforced Concrete Slabs	Deck	11544	11539	4	1	0
110	0	Reinforced Concrete Open Girder/Beam	Beam	1440	993	388	59	0
215	0	Reinforced Concrete Abutment	Abutments	76	73	3	0	0
227	0	Reinforced Concrete Pile	Piles and Columns	56	17	36	3	0
234	0	Reinforced Concrete Pier Cap	Caps	264	203	45	16	0
301	0	Pourable Joint Seal	Expansion Joints	0	0	0	0	0
305	0	Assembly Joint without Seal	Expansion Joints	0	0	0	0	0
316	0	Other Bearings	Bearing Device	60	60	0	0	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	576	3	568	5	0
510	0	Wearing Surface	Wearing Surfaces	11544	11445	0	99	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 770125 Inspection Date: 04/22/2022

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Slabs	Delamination/Spall	5 Square Feet
3306	Reinforced Concrete Open Girder/Beam	Cracking (RC and Other)	7 Feet
3306	Reinforced Concrete Open Girder/Beam	Delamination/Spall	147 Feet
3306	Reinforced Concrete Open Girder/Beam	Patched Area	32 Feet
3306	Reinforced Concrete Open Girder/Beam	Exposed Rebar	23 Feet
3348	Reinforced Concrete Pile	Delamination/Spall	8 Each
3348	Reinforced Concrete Pile	Cracking (RC and Other)	7 Each
3348	Reinforced Concrete Pile	Exposed Rebar	2 Each
3348	Reinforced Concrete Pier Cap	Exposed Rebar	6 Feet
3348	Reinforced Concrete Pier Cap	Patched Area	1 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	37 Feet
3310	Pourable Joint Seal	Seal Damage	4 Feet
3318	Reinforced Concrete Bridge Railing	Patched Area	5 Square Feet
3318	Reinforced Concrete Bridge Railing	Delamination/Spall	567 Feet
2816	Wearing Surface	Crack (Wearing Surface)	99 Square Feet

Element Structure Maintenance Quantities

Structure Number: 770125 Inspection Date 04/22/2022

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	0	76	0	0	3	73
Beam	3306	Maintenance Concrete Superstructure Components	199	1440	О	59	388	993
Bearing Device	3334	Bridge Bearing	0	60	О	О	О	60
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	571	576	0	5	568	3
Caps	3348	Maintenance of Concrete Substructure	43	264	0	16	45	203
Deck	3326	Maintenance of Concrete Deck	5	11544	О	1	4	11539
Expansion Joints	3308	Maintenance of Steel Plate Joints	0	О	0	О	О	0
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	0	0	0	0	0
Piles and Columns	3348	Maintenance of Concrete Substructure	17	56	0	3	36	17
Wearing Surfaces	2816	Asphalt Surface Repair	99	11544	0	99	0	11445

Priority Actions Request

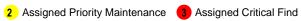
Structure Nur	mber 770125		
Span1			
3306	Beam 5	Reinforced Co	ncrete Girder
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	5	Span 1 Beam 5: PAR 9' FROM BENT 1, BOTTOM OF BEAM BOTH SIDES, SPALL AND DELAMINATION 5' LONG X 6" HIGH X 3" DEEP WITH EXPOSED REBAR WITH NO MEASURABLE SECTION LOSS
Span2			
3306	Beam 1	Reinforced Co	ncrete Girder
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	12	Span 2 Beam 1: PAR 12' LONG X FULL WIDTH OF BOTTOM FLANGE EXTENDING 3" ON BOTH FACES AREA OF DELAMINATION WITH 2' LONG X FULL WIDTH X 3" DEEP SPALL WITH EXPOSED REBAR WITH MINIOR SECTION LOSS STARTING 2' FROM BENT 1
Span4			
3306	Beam 5	Reinforced Co	ncrete Girder
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	2	Span 4 Beam 5: PAR 2' LONG X UP TO 1' HIGH X 3" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS IN RIGHT FACE OF WEB AT BENT 4
Span6			
3306	Beam 1	Reinforced Co	ncrete Girder
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	2	Span 6 Beam 1: PAR 20" LONG X 12" WIDE X 1" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS AND 10" DIA. AREA OF DELAMINATION BELOW SPALL, IN RIGHT FACE AT DIAPHRAGM
3306	Beam 5	Reinforced Co	ncrete Girder
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	2	Span 6 Beam 5: PAR 20" LONG X FULL WIDTH X 3" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS IN BOTTOM FLANGE 10'

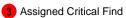
Bent 1





FROM BENT 6





Priority Actions Request

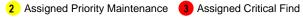
Structure Num	nber 770125		
3348	Cap 1	Reinforced Cor	ncrete Pier Cap
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	2	End Bent 1 Cap 1: PAR SPALL 16" X UP TO 12" X UP TO 1" DEEP UNDER LEFT OVERHANG WITH EXPOSED REBAR 5 " LONG
Bent 4			
3348	Cap 1	Reinforced Cor	ncrete Pier Cap
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	2	Bent 4 Cap 1: PAR 36" HIGH X 16" WIDE X 2.5" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS
Bent 5 3348	Cap 1	Reinforced Cor	ncrete Pier Cap
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	1	Bent 5 Cap 1: PAR 8" LONG X 15" HIGH X 1" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS ON WEST FACE AT PILE 8
Slope Protection			
3352	Slope Protection	Slope Protection	on
Priority Level	Defect Type	Quantity	Defect Description

PROTECTION AT ABUTMENT 2



2





PAR -- 10' X 5" HIGH X 9" DEEP WASHOUT AND UNDERMINING OF THE SLOPE

Element Condition and Maintenance Data

Structure Number: 770125 Inspection Date: 04/22/2022

	101125						-1	alc. <u>U-122120</u>
Spa	n 1	Beam 1						
Reir	nforced Concrete	Girder						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinford	ed Concrete Open Girder/Beam	48	0	26	22	0 F	eet
515	Steel Pr	otective Coating	0	0	0	0	0 8	Square Feet
Elemen Numbe	Dofoot Tymo	Defect Descripti	on		cs	CS Qty	Maint Qty	
110	Patched Area	12' FROM BENT 1. FAILING PATCH 8 WIDTH ON THE BOTTOM OF THE BE FACES.		,	3	7	7	Feet
110	Patched Area	LARGE FAILING PATCH 15' LONG X BOTTOM FACE 18" FROM END BEN		FT	3	15	15	Feet
110	Cracking (RC and Other)	FIRST 15' OF BEAM HAS HAIRLINE I UP TO FULL HEIGHT ON INTERNAL OF WEBS,			2	6		Feet
110	Cracking (RC and Other)	HAIRLINE VERTICAL CRACKS THRO LENGTH OF THE BEAM IN THE WEB			2	5		Feet
110	Delamination/Spall	12' LONG X UP TO 2' WIDE AREA OF RIGHT FACE NEAR MIDSPAN	DELAMINATIO	ON IN	2	12	12	Feet
110	Delamination/Spall	5' FROM END BENT 1, BOTTOM LEF	T CORNER		2	3	3	Feet

span 1 bay 1 bent 1 end diaphragm diagonal crack (full height x 1/32")

Spa	an 1		Beam 2						
Rei	nfor	ced Concrete	Girder						
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110		Reinford	ed Concrete Open Girder/Beam	48	42	6	0	0	Feet
515		Steel Pro	otective Coating	0	0	0	0	0	Square Feet
Eleme		Defect Type	Defect Description	on		cs	CS Qty	Maint Qty	
110	Crac Oth	cking (RC and er)	HAIRLINE VERTICAL CRACKS THROLENGTH OF THE BEAM IN THE WEB		SIDE	2	5		Feet
110	Dela	amination/Spall	AT BENT 1, DELAMINATION 1' LONG RIGHT FLANGE	S X 5" WIDE BO	TTOM	2	1		1 Feet
	Gene	ral Comments				•			

Span 1		Beam 3						
Reinfo	rced Concrete	Girder						
Elemen Numbe	r	Element Name ced Concrete Open Girder/Beam	Total Qty 48	CS1 Qty 43	CS2 Qty	CS3 Qty	CS4 Qty	
515		rotective Coating	0	0	0	0	0	Square Feet
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
	acking (RC and ther)	HAIRLINE VERTICAL CRACKS THRO LENGTH OF THE BEAM IN THE WEB		SIDE	2	5		Feet
Ger	neral Comments							

Span	1	Beam 4						
Reinfo	orced Concrete	Girder						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	ced Concrete Open Girder/Beam	48	43	5	0	0	Feet
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
lement lumber	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	HAIRLINE VERTICAL CRACKS THRE LENGTH OF THE BEAM IN THE WEE		SIDE	2	5		Feet
Ge	eneral Comments							

Spa	n 1	Beam 5					
Reir	nforced Concrete	Girder					
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
110	Reinford	ced Concrete Open Girder/Beam	48	8	35	5	0 Feet
515	Steel Pr	rotective Coating	0	0	0	0	0 Square Feet
Elemen Number	Dofoot Typo	Defect Descript	ion		cs	CS Qty	Maint Qty
110	Exposed Rebar	PAR - 9' FROM BENT 1, BOTTOM OF SPALL AND DELAMINATION 5' LON WITH EXPOSED REBAR WITH MINO	G X 6" HIGH X	3" DEÉP	3	5	5 Feet
110	Cracking (RC and Other)	FIRST 15' OF BEAM HAS HAIRLINE UP TO FULL HEIGHT ON INTERNAL OF WEBS,			2	15	Feet
110	Cracking (RC and Other)	HAIRLINE VERTICAL CRACKS THRO LENGTH OF THE BEAM IN THE WEE		SIDE	2	5	Feet
110	Delamination/Spall	21' FROM END BENT 1, RIGHT SIDE DELAMINATION	20" LONG X 3"		2	10	10 Feet
110	Delamination/Spall	4.5' X 16" AREA PATCH 10' FROM E INTERIOR FACE OF WEB EXTENDIN BOTTOM FLANGE AND EXTENDING FACE WITH 6" DIAMETER AREA OF HAIRLINE MAP CRACKING THROUG	IG ON FULL WI 3" ON EXTERI DELAMINATIO	DTH OF OR	2	5	5 Feet

General Comments

SPAN 1, BENT 1, BEAM 5 END DIAPHRAGM SPALL 8" LONG X 6" HIGH X 1" DEEP WITH EXPOSED REBAR.

Spa	n 1	Weari	ng Surface					
Asp	halt Wearing Sui	rface						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearin	g Surface	1,924	1,896	0	28	0 8	Square Feet
Elemen Numbe	Dofoot Typo	Defec	t Description		CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	TRANSVERSE CRACK OV SURFACE FULL WIDTH X		VEARING	3	28	28	Square Feet
-	Conoral Comments							

	Left Bridge	Rail					
ete Railing							
=	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinford	ced Concrete Bridge Railing	48	0	48	0	0 F	-eet
Defect Type	Defect Descri	iption		CS	CS Qty	Maint Qty	
lamination/Spall			th no	3			Feet
lamination/Spall			HOUT	2	48	48	Feet
	ete Railing t Reinford	t Element Name Reinforced Concrete Bridge Railing Defect Type Defect Describing Indication/Spall Defect Describe Section loss in sidewallamination/Spall TOP RAIL AND SIDEWALK ARE S	t Element Name Qty Reinforced Concrete Bridge Railing 48 Defect Type Defect Description Iamination/Spall 10" long x 7" wide x 2" deep with exposed rebar with measurable section loss in sidewalk at abutment 1 Iamination/Spall TOP RAIL AND SIDEWALK ARE SCALING THROUGH	t Element Name Qty Qty Reinforced Concrete Bridge Railing 48 0 Defect Type Defect Description lamination/Spall 10" long x 7" wide x 2" deep with exposed rebar with no measurable section loss in sidewalk at abutment 1	t Element Name Qty Qty Qty Reinforced Concrete Bridge Railing 48 0 48 Defect Type Defect Description CS Iamination/Spall 10" long x 7" wide x 2" deep with exposed rebar with no measurable section loss in sidewalk at abutment 1 Iamination/Spall TOP RAIL AND SIDEWALK ARE SCALING THROUGHOUT 2	t Element Name Qty	t Element Name Qty

General Comments

WEST END OF LEFT SIDEWALK, AT END BENT 1, HAS 10" X 10" X 2" DEEP SPALL WITH EXPOSED REBAR 3" LONG WITH NO SECTION LOSS

3' X 1' PATCH 12' FROM END BENT 1, EXPOSED REBAR 11" LONG WITH NO SECTION LOSS

MAP CRACKING ON SIDEWALK UP TO FULL FACE, UP TO .03" WIDE

		Rail					
e Railing							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinforc	ed Concrete Bridge Railing	48	0	48	0	0 F	eet
Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
amination/Spall			HOUT	2	47	48	Feet
ched Area	•			2	1		Square Feet
1	Reinforc Defect Type mination/Spall	Element Name Reinforced Concrete Bridge Railing Defect Type Defect Descri mination/Spall TOP RAIL AND SIDEWALK ARE SE SPAN. COARSE AGGREGATE REI hed Area INTERIOR FACE OF RAIL, FULL FA INTERMITTENT THROUGHOUT SP OF SPAN	Reinforced Concrete Bridge Railing 48 Defect Type Defect Description mination/Spall TOP RAIL AND SIDEWALK ARE SCALING THROUG SPAN. COARSE AGGREGATE REMAINS SECURE INTERIOR FACE OF RAIL, FULL FACE SOUND PATINTERMITTENT THROUGHOUT SPAN COVERING 70 OF SPAN	Element Name	Element Name Total CS1 CS2 Qty Qty	Reinforced Concrete Bridge Railing Total Qty	Element Name Reinforced Concrete Bridge Railing Defect Type Defect Description CS CS Qty Maint

MAP CRACKING ON SIDEWALK UP TO FULL FACE, UP TO .03" WIDE

ON RIGHT SIDEWALK 12' FROM END BENT 1, 12" X 1.5" X .25" DEEP SPALL WITH EXPOSED REBAR

		,						
Spa	n 2	Beam 1						
Reir	nforced Concrete	Girder						
Elen Nun 110	nber	Element Name ed Concrete Open Girder/Beam	Total Qty 48	CS1 Qty	CS2 Qty 15	CS3 Qty 22	CS4 Qty 0 F	oot
515		otective Coating	0	0	0	0	-	quare Feet
Elemen Number	Defect Type	Defect Description	n		cs	CS Qty	Maint Qty	
110	Exposed Rebar	PAR 12' LONG X FULL WIDTH OF BO EXTENDING 3" ON BOTH FACES ARE. WITH 2' LONG X FULL WIDTH X 3" DEI EXPOSED REBAR WITH MINIOR SECT 2' FROM BENT 1	A OF DELAM EP SPALL WI	INATION TH	3	12	12	Feet
110	Patched Area	PATCHED AREAS ON BOTH FACES TO LENGTH OF THE BEAM ARE BEGINNI SHOW DELAMINATION			3	10	10	Feet
110	Cracking (RC and Other)	HAIRLINE VERTICAL CRACKS THROU LENGTH OF THE BEAM IN THE WEB A			2	5		Feet
110	Delamination/Spall	1' LONG X 3" WIDE X 1" DEEP SPALL REBAR WITH NO MEASURABLE SECT FACE NEAR MIDSPAN			2	1	1	Feet
110	Delamination/Spall	3.5' LONG X 6" WIDE AREA OF DELAM RIGHT FACE AT MIDSPAN	MINATION IN I	воттом	2	4	4	Feet

Feet

INTERMITTENT THROUGHOUT SPAN EXTENDING 16"
FROM BOTTOM OF BEAM ON INTERIOR AND EXTERIOR

SOUND PATCHED AREAS ON THE BOTTOM OF THE BEAM

FACES

General Comments

Patched Area

Spa	an 2	Beam 2						
Rei	nforced Concrete	Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinford	ced Concrete Open Girder/Beam	48	41	7	0	0	Feet
515	Steel Pr	otective Coating	0	0	0	0	0	Square Feet
lemer	Dofoct Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
110	Delamination/Spall	2' LONG X FULL WIDTH AREA OF D BOTTOM FACE AT BENT 2	ELAMINATION I	IN	2	2		2 Feet
110	Efflorescence/Rust Staining	HAIRLINE VERTICAL CRACKS THROLENGTH OF THE BEAM IN THE WEE		SIDE	2	5		Feet
	General Comments							

Span 2	2	Beam 3						
Reinfo	rced Concrete	Girder						
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	ced Concrete Open Girder/Beam	48	43	5	0	0	Feet
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
lement Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
	acking (RC and her)	HAIRLINE VERTICAL CRACKS THRO LENGTH OF THE BEAM IN THE WEE		SIDE	2	5	-	Feet
Ger	neral Comments							

Spa	an 2		Beam 4						
Rei	nforced (Concrete	Girder						
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110		Reinfor	ced Concrete Open Girder/Beam	48	43	5	0	0	Feet
515		Steel Protective Coating		0	0	0	0	0	Square Feet
Elemei Numbe	Dofo	ect Type	Defect Descripti	on		cs	CS Qty	Maint Qty	
110	Cracking (RC and 1/8" WIDE X 1' LONG HORIZONTA Other) LEFT FACE AT BENT 2		1/8" WIDE X 1' LONG HORIZONTAL (LEFT FACE AT BENT 2	CRACK ON BO	TTOM	3			Feet
110	Cracking Other)	(RC and	HAIRLINE VERTICAL CRACKS THRO LENGTH OF THE BEAM IN THE WEB			2	5		Feet
	General Co	omments							

Spar	n 2	Beam 5						
Rein	nforced Concrete	Girder						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinforc	ed Concrete Open Girder/Beam	48	21	27	0	0	Feet
515	Steel Pro	otective Coating	0	0	0	0	0	Square Feet
Element Number	Dofoct Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
110	Cracking (RC and Other)	HAIRLINE VERTICAL CRACKS THROLENGTH OF THE BEAM IN THE WEE			2	25		Feet
110	Delamination/Spall	9' FROM BENT 1. 2' LONG X 5" HIGH DELAMINATION WITH ASSOCIATED BOTTOM FACE		RIGHT	2	2		2 Feet

General Comments

Spa	n 2	Wearing 9	Surface					
Asp	halt Wearing Sur	face						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	g Surface	1,924	1,909	0	15	0 S	Square Feet
Elemen Numbe	Dofoot Typo	Defect De	scription		CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	TRANSVERSE CRACK OVER E SURFACE FULL WIDTH X UP T		ING	3	15	15	Square Feet
-	General Comments							

າ 2	Left Bridge F	Rail					
crete Railing							
nent iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinford	ced Concrete Bridge Railing	48	0	48	0	0 F	eet
Defect Type	Defect Descrip	otion		cs	CS Qty	Maint Qty	
Delamination/Spall			HOUT	2	47	47	Feet
Patched Area	INTERMITTENT THROUGHOUT SP.			2	1		Square Feet
	nent ber Reinford Defect Type Delamination/Spall	crete Railing nent ber Element Name Reinforced Concrete Bridge Railing Defect Type Defect Descrip Delamination/Spall TOP RAIL AND SIDEWALK ARE SO SPAN. COARSE AGGREGATE REM Patched Area INTERIOR FACE OF RAIL, FULL FA	crete Railing Then Element Name Qty Reinforced Concrete Bridge Railing 48 Defect Type Defect Description Delamination/Spall TOP RAIL AND SIDEWALK ARE SCALING THROUG SPAN. COARSE AGGREGATE REMAINS SECURE Patched Area INTERIOR FACE OF RAIL, FULL FACE SOUND PATINTERMITTENT THROUGHOUT SPAN COVERING 50	Total CS1 ther Element Name Qty Qty Reinforced Concrete Bridge Railing 48 0 Defect Type Defect Description Delamination/Spall TOP RAIL AND SIDEWALK ARE SCALING THROUGHOUT SPAN. COARSE AGGREGATE REMAINS SECURE Patched Area INTERIOR FACE OF RAIL, FULL FACE SOUND PATCH INTERMITTENT THROUGHOUT SPAN COVERING 50-90%	Total CS1 CS2 ther Element Name Qty Qty Reinforced Concrete Bridge Railing 48 0 48 Defect Type Defect Description CS Delamination/Spall TOP RAIL AND SIDEWALK ARE SCALING THROUGHOUT SPAN. COARSE AGGREGATE REMAINS SECURE Patched Area INTERIOR FACE OF RAIL, FULL FACE SOUND PATCH INTERMITTENT THROUGHOUT SPAN COVERING 50-90%	tent Element Name Qty	Total CS1 CS2 CS3 CS4 CS4 CS4 CS5 CS4 CS5 CS4 CS5 CS4 CS5 CS5 CS4 CS5

General Comments

MAP CRACKING ON SIDEWALK UP TO FULL FACE, UP TO .03" WIDE

n 2	Right Bridge	Rail					
crete Railing							
ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinford	ed Concrete Bridge Railing	48	0	48	0	0 F	eet
t r Defect Type	Defect Descri	otion		CS	CS Qty	Maint Qty	
Delamination/Spall	6" long x 3" wide x 1/2" deep spall Bent 1	interior face on p	ost 2 at	2		1	Feet
Delamination/Spall			HOUT	2	47	47	Feet
Patched Area	•			2	1		Square Feet
	rete Railing nent nber Reinford t Defect Type Delamination/Spall	rete Railing The Reinforced Concrete Bridge Railing The Reinforced Concrete Bridge Railing The Defect Type The Defect Descript Concrete Bridge Railing The Defect Type The De	rete Railing Total Oty Reinforced Concrete Bridge Railing Defect Type Delamination/Spall Delamination/Spall Delamination/Spall Delamination/Spall Delamination/Spall Delamination/Spall TOP RAIL AND SIDEWALK ARE SCALING THROUG SPAN. COARSE AGGREGATE REMAINS SECURE Patched Area INTERIOR FACE OF RAIL, FULL FACE SOUND PATINTERMITTENT THROUGHOUT SPAN COVERING 76	recrete Railing Total CS1 Reinforced Concrete Bridge Railing 48 0 Total CS2 Reinforced Concrete Bridge Railing 48 0 Total CS2 Reinforced Concrete Bridge Rai	rete Railing Total CS1 CS2 Qty Qty Qty Reinforced Concrete Bridge Railing 48 0 48 Total CS1 CS2 Qty Qty Qty Reinforced Concrete Bridge Railing 48 0 48 Total CS1 CS2 Qty Qty Qty Reinforced Concrete Bridge Railing 48 0 48 Total CS1 CS2 Qty Qty Qty Reinforced Concrete Bridge Railing 48 0 48 Total CS1 Qty Qty Qty Qty As 1 Defect Type Defect Description CS Delamination/Spall 6" long x 3" wide x 1/2" deep spall interior face on post 2 at 2 Bent 1 Delamination/Spall TOP RAIL AND SIDEWALK ARE SCALING THROUGHOUT SPAN. COARSE AGGREGATE REMAINS SECURE Patched Area INTERIOR FACE OF RAIL, FULL FACE SOUND PATCH 2 INTERMITTENT THROUGHOUT SPAN COVERING 70-100%	recrete Railing Total CS1 CS2 CS3 Reinforced Concrete Bridge Railing 48 0 48 0 Total CS1 CS2 CS3 Qty Qty Qty Qty Qty Qty Reinforced Concrete Bridge Railing 48 0 48 0 Total CS1 CS2 CS3 Qty Qty Qty Qty Qty Qty Qty Qty Reinforced Concrete Bridge Railing 48 0 48 0 Total CS1 CS2 CS3 Reinforced Concrete Bridge Railing 48 0 48 0 Total CS1 CS2 CS3 Reinforced Concrete Bridge Railing 48 0 48 0 Total CS1 CS2 CS3 Reinforced Concrete Bridge Railing 48 0 48 0 Total CS1 CS2 CS3 Reinforced Concrete Bridge Railing 48 0 48 0 Total CS1 CS2 CS3 Reinforced Concrete Bridge Railing 48 0 48 0 Total CS1 CS2 CS3 Reinforced Concrete Bridge Railing 48 0 48 0 Total CS1 CS2 CS3 Reinforced Concrete Bridge Railing 48 0 48 0 Total CS1 CS2 CS3 Reinforced Concrete Bridge Railing 48 0 48 0 Total CS1 CS2 CS3 Total CS2 CS3 Reinforced Concrete Bridge Railing 48 0 48 0 Total CS1 CS2 CS Qty Total CS2 CS Qty Total CS2 CS Qty Total CS3 CS Qty Total CS4 CS4 Qty Total CS5 CS Qty	reete Railing Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 48 0 48 0 0 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 48 0 48 0 0 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 48 0 48 0 0 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 48 0 48 0 0 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 48 0 48 0 0 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 48 0 48 0 0 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 48 0 48 0 0 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 48 0 48 0 0 F Total CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS1 CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS2 CS3 CS4 Reinforced Concrete Bridge Railing 10 F Total CS2 CS3 CS4 Reinforced C

General Comments

MAP CRACKING ON SIDEWALK UP TO FULL FACE, UP TO .03" WIDE

Cnar	m 2	Doom 1					
Spar	11 3	Beam 1					
Rein	forced Concrete	Girder					
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
110	Reinford	ed Concrete Open Girder/Beam	48	0	48	0	0 Feet
515	Steel Pro	otective Coating	0	0	0	0	0 Square Feet
Element Number	Dofoct Typo	Defect Description	n		cs	CS Qty	Maint Qty
110	Cracking (RC and Other)	HAIRLINE VERTICAL CRACKS THROULENGTH OF THE BEAM IN THE WEB		SIDE	2	5	Feet
110	Delamination/Spall	25' LONG X 8" WIDE ON BOTTOM FACUP TO 2' HIGH ON WEB AREA OF DEI RIGHT FACE STARTING 4' FROM PIEI	LAMINATION		2	25	25 Feet
110	Delamination/Spall	3' LONG X 4" HIGH AREA OF DELAMI LEFT FACE AT BENT 3	NATION IN BO	MOTTO	2	3	3 Feet
110	Patched Area	SOUND PATCHED AREAS THROUGH THE BEAM. PREVIOUS SPALL AT BE REPAIRED WITH THESE PATCHES			2	15	Feet
(General Comments						

Span 3		Beam 2						
Reinfor	ced Concrete Girder							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinforced Concrete	Open Girder/Beam	48	43	5	0	0	Feet
515	Steel Protective Coa	ting	0	0	0	0	0	Square Feet
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qtv	

2

5

Feet

HAIRLINE VERTICAL CRACKS THROUGHOUT THE

LENGTH OF THE BEAM IN THE WEB AREA UNDERSIDE

General Comments

Other)

Cracking (RC and

110

Span	3	Beam 3						
Reinf	orced Concrete	Girder						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	ced Concrete Open Girder/Beam	48	43	5	0	0	Feet
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
lement lumber	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	HAIRLINE VERTICAL CRACKS THRO LENGTH OF THE BEAM IN THE WEE			2	5		Feet
G	onoral Commonte							

Spa	an 3		Beam 4						
Rei	nforced Con	crete G	irder						
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	F	Reinforced	l Concrete Open Girder/Beam	48	42	5	1	0	Feet
515	8	Steel Prote	ective Coating	0	0	0	0	0	Square Feet
Elemei Numbe	Dofoct Ti	/ре	Defect Descrip	tion		cs	CS Qty	Maint Qty	
110	Delamination/	-	1' LONG X 8" WIDE X 2" DEEP SPA BENT 2	LL IN BOTTOM F	ACE AT	3	1		1 Feet
110	Cracking (RC Other)		HAIRLINE VERTICAL CRACKS THR LENGTH OF THE BEAM IN THE WE		SIDE	2	5		Feet
	General Comm	ents							

Spar	1 3	Beam 5						
Rein	forced Concrete	Girder						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	=
110	Reinford	ced Concrete Open Girder/Beam	48	28	20	0	0	Feet
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	HAIRLINE TO 1/32" VERTICAL CRAC THE LENGTH OF THE BEAM IN THE UNDERSIDE		OUT	2	20	·	Feet
7	Seneral Comments							

span 3 south sidewalk support 6' from bent 3 spall (10" x 6" x 1/2") with exposed rusted rebar

Span	3	Wearing	Surface					
Aspha	alt Wearing Sur	face						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearin	g Surface	1,924	1,896	0	28	0 \$	Square Feet
Element Number	Defect Type	Defect D	escription		cs	CS Qty	Maint Qty	
	rack (Wearing urface)	ASPHALT WEARING SURFACTRANSVERSE CRACKS UP T		_	3	28	28	Square Feet
Ge	eneral Comments							

•	ment mber Defect Type Defect Description CS CS Qty Qty 11 Delamination/Spall (2) SPALLS UP TO 6" DIA. X 2" DEEP WITH EXPOSED 3 2 2 Feet REBAR WITH NO MEASURABLE SECTION LOSS IN RAIL POSTS							
	ber		Qty	Qty	Qty	Qty	Qty	-eet
Element Number						· 	Maint	
331	Delamination/Spall	RÉBAR WITH NO MEASURABLE SE			3	2	2	Feet
331	Delamination/Spall	LONG X 12" HIGH X 2" DEEP WITH	•		3	1	1	Feet
331	Patched Area	UNSOUND PATCH ON LAST POST FULL FACE OF POST	OF SPAN 3 LEFT	RAIL.	3	1	3	Square Feet

Structure	Number: <u>770125</u>			Inspe	ction Date: 04/22/2022
331	Cracking (RC and Other)	HAIRLINE CRACKS IN LEFT RAIL POSTS AT VARIOUS LOCATIONS THROUGHOUT	2	1	Feet
331	Delamination/Spall	TOP RAIL AND SIDEWALK ARE SCALING THROUGHOUT SPAN. COARSE AGGREGATE REMAINS SECURE	2	42	44 Feet
331	Patched Area	INTERIOR FACE OF RAIL, FULL FACE SOUND PATCH INTERMITTENT THROUGHOUT SPAN COVERING 50-90% OF SPAN	2	1	Square Feet

General Comments

MAP CRACKING ON SIDEWALK UP TO FULL FACE, UP TO .03" WIDE

Span	3	Right Bridge	Rail					
Conc	rete Railing							
Eleme		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	48	0	48	0	0 F	eet
lement lumber	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
331 [Delamination/Spall	2 SPALLS LOCATED 6' BEFORE E EACH UP TO 1" DEEP	ENT 3, 4" DIAME	TER	2	2	2	Feet
331 [Delamination/Spall	TOP RAIL AND SIDEWALK ARE S SPAN. COARSE AGGREGATE RE		HOUT	2	45	45	Feet
331 F	Patched Area	INTERIOR FACE OF RAIL, FULL F. INTERMITTENT THROUGHOUT SF OF SPAN			2	1		Square Feet

MAP CRACKING ON SIDEWALK UP TO FULL FACE, UP TO .03" WIDE

Spa	n 4	Beam 1						
Reir	nforced Concrete	Girder						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinford	ced Concrete Open Girder/Beam	48	20	28	0	0 F	eet
515	Steel Pr	otective Coating	0	0	0	0	0 S	Square Feet
Elemen Numbe	Dofoct Typo	Defect Description	on		cs	CS Qty	Maint Qty	
110	Patched Area	4' LONG X 1' WIDE SOUND PATCH AF LONG ON BOTTOM FACE, LEFT FAC			3		-	Feet
110	Cracking (RC and Other)	HAIRLINE VERTICAL CRACKS THROULENGTH OF THE BEAM IN THE WEB			2	2		Feet
110	Delamination/Spall	25' LONG X FULL WIDTH AND EXTEN ON BOTH FACES AREA OF DELAMIN FROM BENT 3			2	25	25	Feet
110	Patched Area	1' HIGH X 1' WIDE SOUND PATCHED WITH HAIRLINE HORIZONTAL CRACI		IT 3	2	1		Feet
-	General Comments							

CONSTRUCTION FORMS LEFT IN PLACE ON BEAM 1

Spa	n 4	Beam 2						
Rein	nforced Concrete	Girder						
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinford	ed Concrete Open Girder/Beam	48	42	5	1	0	Feet
515	Steel Pro	otective Coating	0	0	0	0	0	Square Feet
Element Number	Dofoct Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
110	Delamination/Spall	1' LONG X FULL WIDTH AREA OF D BOTTOM FLANGE AT BENT 4	ELAMINATION	IN	3	1		1 Feet
110	Cracking (RC and Other)	HAIRLINE VERTICAL CRACKS THRO LENGTH OF THE BEAM IN THE WEE		SIDE	2	5		Feet

General Comments

Spa	ın 4	Beam 3						
Rei	nforced Concrete	Girder						
	ment mber Reinford	Element Name ed Concrete Open Girder/Beam	Total Qty 48	CS1 Qty 40	CS2 Qty 6	CS3 Qty 2	CS4 Qty 0 Fe	et
515	Steel Pro	otective Coating	0	0	0	0	0 Sc	luare Feet
Elemen Numbe	Dofoct Typo	Defect Descripti	on		cs	CS Qty	Maint Qty	
110	Delamination/Spall	8" LONG X FULL WIDTH X 2" DEEP S)	3	2	2	Feet
		EXPOSED REBAR IN BOTTOM FLAN	GE AT BENT 4					
110	Cracking (RC and Other)	HAIRLINE VERTICAL CRACKS THRO LENGTH OF THE BEAM IN THE WEB	UGHOUT THE	SIDE	2	5		Feet
110 110		HAIRLINE VERTICAL CRACKS THRO	OUGHOUT THE AREA UNDER		2	5 1		Feet Feet

Kell	nforced Concrete	Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	='
110	Reinford	ed Concrete Open Girder/Beam	48	41	7	0	0	Feet
515	Steel Pr	otective Coating	0	0	0	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
110	Cracking (RC and Other)		HAIRLINE VERTICAL CRACKS THROUGHOUT THE LENGTH OF THE BEAM IN THE WEB AREA UNDERSIDE		2	5		Feet
110	Delamination/Spall	1.5' LONG X FULL WIDTH AREA OF BOTTOM FLANGE AT BENT 4	DELAMINATIO	N IN	2	2		2 Feet

Spa	an 4	Beam 5						
Rei	inforced Concrete	Girder						
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfor	ced Concrete Open Girder/Beam	48	31	15	2	0 Feet	
515	Steel P	rotective Coating	0	0	0	0	0 Square	Feet
Eleme	Defeat Type	Defect Description	on		cs	CS Qty	Maint Qty	
110	Exposed Rebar	PAR 2' LONG X UP TO 1' HIGH X 3 EXPOSED REBAR WITH MINOR SEC' FACE FACE OF WEB AT BENT 4			3	2	2 Feet	
110	Cracking (RC and Other)	HAIRLINE TO 1/32" VERTICAL CRAC THE LENGTH OF THE BEAM IN THE I UNDERSIDE		DUT	2	15	Feet	
110	Patched Area	2.5' LONG X FULL WIDTH OF BOTTO EXTENDING 4" ON BOTH FACES SOI 10' FROM BEANT 4		_	2		Feet	
	General Comments							

Spa	n 4	Wearing S	Surface					
Asp	halt Wearing Sur	face						
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	g Surface	1,924	1,896	0	28	0 8	Square Feet
Elemen Numbe	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	ASPHALT WEARING SURFACE TRANSVERSE CRACKS UP TO		-	3	28	28	Square Feet
-	General Comments							

Spa	n 4	Left Bridge R	Rail					
Con	ncrete Railing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforce	ed Concrete Bridge Railing	48	0	48	0	0 F	eet
lemen	Defect Type	Defect Descrip	otion		cs	CS Qty	Maint Qty	
331	Delamination/Spall	6" DIAMETER X 1" DEEP SPALL W WITH NO SECTION LOSS. LOCATE RAIL SPAN 4			2	1	1	Feet
331	Delamination/Spall	TOP RAIL AND SIDEWALK ARE SO SPAN. COARSE AGGREGATE REM		HOUT	2	46	46	Feet
331	Patched Area	INTERIOR FACE OF RAIL, FULL FAINTERMITTENT THROUGHOUT SPAOF SPAN			2	1		Square Feet

General Comments

BENT 3 LEFT SIDEWALK COVER PLATE DOES NOT COVER CONCRETE NOTCH AT CURB BY 2". ALIGNED AT RAIL

BENT 3 LEFT SIDEWALK COVER PLATE HAS CORROSION HOLES UP TO 6" X 1.5" WIDE

MAP CRACKING ON SIDEWALK UP TO FULL FACE, UP TO .03" WIDE

Spai	n 4	Right Bridge	Rail					
Con	crete Railing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ced Concrete Bridge Railing	48	0	48	0	0 F	eet
Element Number	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
331	Delamination/Spall	TOP RAIL AND SIDEWALK ARE SO SPAN. COARSE AGGREGATE REM		HOUT	2	47	47	Feet
331	Patched Area	INTERIOR FACE OF RAIL, FULL FA INTERMITTENT THROUGHOUT SP OF SPAN			2	1		Square Feet

General Comments

BENT 3 RIGHT SIDEWALK COVER PLATE HAS CORROSION HOLES UP TO 4" X 1.5" WIDE

MAP CRACKING ON SIDEWALK UP TO FULL FACE, UP TO .03" WIDE

Spai	n 5	Deck						
Rein	nforced Concrete	Deck Slab						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
38	Reinford	ed Concrete Slabs	1,924	1,919	4	1	0	Square Feet
515	Steel Pr	otective Coating	1,924	1,924	0	0	0	Square Feet
Element Number	Dofoct Typo	Defect De	escription		cs	CS Qty	Maint Qty	
38	Delamination/Spall	1' LONG X 5" WIDE X 1" DEEP REBAR IN LEFT OVERHANG	• • • • • • • • • • • • • • • • • • • •	SED	3	1	1	1 Square Feet
38	Delamination/Spall	6' LONG X 7" WIDE X 1" DEEF REBAR IN DECK UNDERSIDE HAS BEEN PAINTED OVER	• · · · · · •		2	4	2	1 Square Feet
(General Comments							

Spa	n 5	Beam 1						
Reir	nforced Concrete	Girder						
	nent n ber Reinford	Element Name ced Concrete Open Girder/Beam	Total Qty 48	CS1 Qty 20	CS2 Qty 28	CS3 Qty 0	CS4 Qty 0 Feet	
515	Steel Pr	rotective Coating	0	0	0	0	0 Square Feet	
Elemen Numbe	Dofoct Typo	Defect Description	ion		cs	CS Qty	Maint Qty	
110	Cracking (RC and Other)	HAIRLINE TO 1/32" VERTICAL CRAI THE LENGTH OF THE BEAM IN THE UNDERSIDE		OUT	2	5	Feet	
110	Delamination/Spall	20' LONG X FULL WIDTH AREA OF I BOTTOM FLANGE EXTENDING UP T OF WEB, STARTING 3' FROM BENT	O 2' IN BOTH F		2	20	20 Feet	
110	Patched Area	SOUND PATCH 24" LONG X 10" HIG THE WEB AREA NEAR MID SPAN	H ON RIGHT FA	CE IN	2	3	Feet	

Spa	n 5		Beam 2						
Rei	nforced Cond	rete Gir	der						
	ment nber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	R	einforced	Concrete Open Girder/Beam	48	40	8	0	0	Feet
515	St	teel Protec	tive Coating	0	0	0	0	0	Square Feet
lemen lumbe	Dofoct Tv	ре	Defect Descripti	on		cs	CS Qty	Maint Qty	
110	Cracking (RC a Other)		AIRLINE VERTICAL CRACKS THRO ENGTH OF THE BEAM IN THE WEB			2	5		Feet
110	Delamination/S) 5" DIA. X 1" DEEP SPALLS WITH OTTOM FLANGE AT 5' AND 10' FRO		BAR IN	2	2		2 Feet
110	Patched Area)" LONG X FULL WIDTH SOUND PA LANGE AT BENT 5	TCH ON BOTT	OM	2	1		Feet

General Comments

General Comments

SPALL ON BOTTOM OF BEAM AT BENT 5 NOT FOUND DURING THIS INSPECTION.

Span 5		Beam 3						
Reinfor	ced Concrete	Girder						
Element Number 110	•	Element Name ced Concrete Open Girder/Beam	Total Qty 48	CS1 Qty 43	CS2 Qty 5	CS3 Qty	CS4 Qty	
515	Steel Pr	rotective Coating	0	0	0	0	0	Square Feet
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
Oth	acking (RC and ner)	HAIRLINE VERTICAL CRACKS THRO LENGTH OF THE BEAM IN THE WEE		SIDE	2	5		Feet
Gen	eral Comments							

Span 5		Beam 4						
Reinfor	ced Concrete	Girder						
Element Number	="	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS ² Qty	
110	Reinford	ced Concrete Open Girder/Beam	48	43	5	0	0	Feet
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
Element Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
	acking (RC and ner)	HAIRLINE VERTICAL CRACKS THRO LENGTH OF THE BEAM IN THE WEE		SIDE	2	5		Feet
Gen	eral Comments							

Spa	n 5	Beam 5						
Reir	nforced Concrete	Girder						
	nent n ber Reinfor	Element Name ced Concrete Open Girder/Beam	Total Qty 48	CS1 Qty 40	CS2 Qty 8	CS3 Qty 0	CS4 Qty 0 Feet	
515	Steel P	rotective Coating	0	0	0	0	0 Square Feet	
Elemen Numbe	Dofoct Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
110	Cracking (RC and Other)	HAIRLINE TO 1/32" VERTICAL CRAC THE LENGTH OF THE BEAM IN THE UNDERSIDE		TUC	2	5	Feet	
110	Patched Area	2.5' LONG X FULL WIDTH OF BOTTO PATCH AREA EXTENDING UP TO 1' WEB, NEAR MIDSPAN			2	3	Feet	
	General Comments							

Spa	n 5	Left Bridge	Rail					
Con	crete Railing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ced Concrete Bridge Railing	48	1	46	1	0 F	eet
Elemen Numbe	Dofoct Typo	Defect Descri	ption		CS	CS Qty	Maint Qty	
331	Patched Area	4TH POST FROM BENT 5 UNSOUN OF INTERIOR FACE. PATCH IS DE		P HALF	3	1	1	Square Feet
331	Delamination/Spall	2 POSTS BEFORE BENT 5, SPALL WITH NO SECTION LOSS, AREA 3			2	1	1	Feet
331	Delamination/Spall	TOP RAIL AND SIDEWALK ARE SESPAN. COARSE AGGREGATE RE		HOUT	2	44	46	Feet

INTERIOR FACE OF RAIL, FULL FACE SOUND PATCH **Patched Area** INTERMITTENT THROUGHOUT SPAN COVERING 50-90% OF SPAN

2

Square Feet

General Comments

331

MAP CRACKING ON SIDEWALK UP TO FULL FACE, UP TO .03" WIDE

Spai	n 5	Right Bridge	Rail					
Con	crete Railing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	48	2	46	0	0 F	eet
lement lumber	Dofoct Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
331	Delamination/Spall	TOP RAIL AND SIDEWALK ARE S SPAN. COARSE AGGREGATE RE		HOUT	2	46	46	Feet
331	Patched Area	INTERIOR FACE OF RAIL, FULL F. INTERMITTENT THROUGHOUT SF OF SPAN			2			Square Feet
7	General Comments							

MAP CRACKING ON SIDEWALK UP TO FULL FACE, UP TO .03" WIDE DEFECT IN WRONG LOCATION

Spa	n 6	Beam 1										
Reir	Reinforced Concrete Girder											
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty					
110	Reinford	ed Concrete Open Girder/Beam	48	13	33	2	0 Feet					
515	Steel Pr	otective Coating	0	0	0	0	0 Square	e Feet				
lemen lumbe	Defect Tyme	Defect Descript	ion		cs	CS Qty	Maint Qty					
110	Exposed Rebar	PAR 20" LONG X 12" WIDE X 1" D EXPOSED REBAR WITH MINOR SEC DIA. AREA OF DELAMINATION BEL FACE AT DIAPHRAGM	CTION LOSS AN	D 10"	3	2	2 Fee	t				
110	Cracking (RC and Other)	FIRST 15' OF BEAM HAS DIAGONAL HEIGHT X UP TO .016" WIDE ON INT EXTERIOR FACE OF WEBS,		O FULL	2	1	Fee	t				
110	Cracking (RC and Other)	HAIRLINE TO 1/32" VERTICAL CRAC THE LENGTH OF THE BEAM IN THE UNDERSIDE		TUC	2	5	Fee	t				
110	Delamination/Spall	18' LONG X FULL WIDTH AREA OF I BOTTOM FLANGE EXTENDING UP T OF WEB STARTING 10' FROM END I	O 1' ON BOTH		2	18	18 Fee	t				
110	Delamination/Spall	AT END BENT 2 SCALING/DELAMIN X 18" HIGH AREA WITH HORIZONTA CHAMFER			2	5	5 Fee	t				
110	Patched Area	4' LONG X 5" SOUND PATCH ON LE	FT FACE OF BE	AM	2	4	Fee	t				

DEFECTS CONSOLIDATED

Span 6		Beam 2						
Reinford	ced Concrete Girder							
Element Number	Elemei	nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinforced Concrete	Open Girder/Beam	48	43	5	0	0	Feet
515	Steel Protective Coa	ing	0	0	0	0	0	Square Feet
ement umber	Defect Type	Defect Descripti	ion		cs	CS Qty	Maint Qty	

Other)

HAIRLINE TO 1/32" VERTICAL CRACKS THROUGHOUT Cracking (RC and Feet THE LENGTH OF THE BEAM IN THE WEB AREA UNDERSIDE

General Comments

General Comments

Span	1 6	Beam 3						
Reinf	forced Concrete	Girder						
Elem Numl		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS ² Qty	=
110	Reinford	ced Concrete Open Girder/Beam	48	43	5	0	0	Feet
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
lement lumber	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	
	Cracking (RC and Other)	HAIRLINE TO 1/32" VERTICAL CRAC THE LENGTH OF THE BEAM IN THE UNDERSIDE		DUT	2	5		Feet
G	eneral Comments							

Spa	n 6	Beam 4						
Reir	nforced Concrete	e Girder						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
110	Reinfo	rced Concrete Open Girder/Beam	48	43	5	0	0	Feet
515	Steel F	Protective Coating	0	0	0	0	0	Square Feet
Elemen Number	Dofoct Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
110	Cracking (RC and Other)	HAIRLINE TO 1/32" VERTICAL CRAC THE LENGTH OF THE BEAM IN THE UNDERSIDE		TUC	2	5	·	Feet

Spa	n 6	Beam 5					
Reir	nforced Concret	e Girder					
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
110	Reinfo	orced Concrete Open Girder/Beam	48	40	6	2	0 Feet
515	Steel	Protective Coating	0	0	0	0	0 Square Feet
lemen umbei	Dofoct Typo	Defect Descripti	on		cs	CS Qty	Maint Qty
110	Exposed Rebar	PAR 20" LONG X FULL BOTTOM W SPALL WITH EXPOSED REBAR WITH LOSS IN BOTTOM OF FLANGE 10' FF	H MINOR SECT		3	2	2 Feet
110	Cracking (RC and Other)	FIRST 15' OF BEAM HAS DIAGONAL HEIGHT X UP TO .016" WIDE ON INTI EXTERIOR FACE OF WEBS,		O FULL	2	1	Feet
110	Cracking (RC and Other)	HAIRLINE TO 1/32" VERTICAL CRAC THE LENGTH OF THE BEAM IN THE UNDERSIDE		OUT	2	5	Feet

	Left Bridge	Rail					
te Railing							
=	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinford	ed Concrete Bridge Railing	48	0	48	0	0 Feet	
Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
lamination/Spall			HOUT	2	48	48 Feet	
		Element Name Reinforced Concrete Bridge Railing Defect Type Defect Descri	te Railing Element Name Reinforced Concrete Bridge Railing Defect Type Defect Description	t Element Name Oty	t Element Name Otto Otto Otto Otto Otto Otto Otto Ott	t Element Name Total CS1 CS2 CS3 Reinforced Concrete Bridge Railing 48 0 48 0 Defect Type Defect Description CS CS Qty Iamination/Spall TOP RAIL AND SIDEWALK ARE SCALING THROUGHOUT 2 48	t Element Name Total CS1 CS2 CS3 CS4 Qty

General Comments

SIDEWALK AT EAST END, OVER END BENT 2, CORNER SPALL 8" X 6" X 1" DEEP

MAP CRACKING ON SIDEWALK UP TO FULL FACE, UP TO .03" WIDE

Spar	n 6	Right Bridge	e Rail					
Cond	crete Railing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	48	0	48	0	0 F	eet
Element Number	Defect Type	Defect Descri	iption		cs	CS Qty	Maint Qty	
331	Delamination/Spall	TOP RAIL AND SIDEWALK ARE S SPAN. COARSE AGGREGATE RE		HOUT	2	47	47	Feet
331	Patched Area	INTERIOR FACE OF RAIL, FULL F INTERMITTENT THROUGHOUT SF OF SPAN			2	1		Square Feet

General Comments

MAP CRACKING ON SIDEWALK UP TO FULL FACE, UP TO .03" WIDE

RIGHT SIDEWALK EAST END CORNER SPALL 9" X 7" X UP TO 3" DEEP

End	Bent 1	Abutment						
Rein	forced Concrete	Abutment						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinford	ced Concrete Abutment	38	35	3	0	0 Feet	
Element Number	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
215	Cracking (RC and Other)	BACKWALL HAS HAIRLINE MA RIGHT OVERHANG	P CRACKING UNDER		2	3	Feet	
(General Comments							

End	d Bent 1	Cap 1						
Rei	nforced Concre	ete Pier Cap						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Rei	nforced Concrete Pier Cap	42	39	1	2	0	Feet
515	Ste	el Protective Coating	450	450	0	0	0	Square Feet
Elemei Numbe	Dofoct Type	Defect De	escription		cs	CS Qty	Maint Qty	
234	Exposed Rebar	PAR SPALL 16" X UP TO 12 LEFT OVERHANG WITH EXPO			3	2		2 Feet
234	Cracking (RC an Other)	d 2 FULL HEIGHT X HAIRLINE T CRACKS AT BAY 2 AND 3	O 1/32" WIDE VERTIC	CAL	2	1		Feet
	General Commen	ts						

Ben	t 1	Cap 1						
Reir	nforced Concrete	Pier Cap						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	36	26	10	0	0	Feet
515	Steel Pr	otective Coating	450	450	0	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	HAIRLINE TO 1/32" VERTICAL/HO BOTH FACES THROUGHOUT TH OF CRACKS ARE PRESENT IN TO DIAPHRAGMS IN EACH BAY.	E CAP. THE SAME	-	2	2		Feet
234	Delamination/Spall	(15) UP TO 5" DIAMETER X 1" DE SPALLS WITH EXPOSED REBAR SECTION LOSS ON WEST FACE			2	1	•	1 Feet
234	Delamination/Spall	5' LONG X 12" HIGH AREA OF DE FACE IN BAY 2	ELAMINATION ON	WEST	2	5		5 Feet
234	Patched Area	(3) SOUND PATCHS UP TO 4' LO FACE AT VARIOUS LOCATIONS	NG X 3' WIDE ON	EAST	2	2		Feet

General Comments

BENT 1 CAP HAS DIRT AND DEBRIS ON THE TOP AT BOTH ENDS. THIS IS TYPICAL OF ALL CAPS

Ben	t 1	Pile 1						
Reir	nforced Concrete	Pile						
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfor	ced Concrete Pile	1	0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
lemen lumbe	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARS TO 1/16" FROM M/L-W/L.	SE AGGREGATE EXF	POSED	2			Each
227	Cracking (RC and Other)	UNDERWATER 2/27/19: F-3, (2) NEAR F-4. BOTH CRACKS ARE		H/L-1/32"	2	1		Each
227	Scour	UNDERWATER 2/27/19: SCOUR	AT P-1. UPSTREAM	-0.2'.	2			Each

Bent 1		Pile 2						
Reinfo	rced Concrete	Pile						
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfor	ced Concrete Pile	1	1	0	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
lement lumber	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
	orasion/Wear SC/RC)	UNDERWATER 2/27/19: COARS TO 1/16" FROM M/L-W/L.	SE AGGREGATE EXF	POSED	2		_	Each

General Comments

DUPLICATE DEFECT REMOVED

Ben	t 1	Pile 3						
Reir	nforced Concrete	Pile						
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfor	ced Concrete Pile	1	0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARS TO 1/16" FROM M/L-W/L.	SE AGGREGATE EXP	POSED	2	1		Each
-	General Comments	10 1/16 PROW W/L-W/L.						

Bent	1		Pile 4						
Rein	forced Concrete	Pile							
Elem Numi		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfor	ced Concrete Pile		1	0	1	0	0	Each
515	Steel P	rotective Coating		0	0	0	0	0	Square Feet
lement lumber	Defect Type		Defect Description			cs	CS Qty	Maint Qty	
	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27 TO 1/16" FROM M/L	7/19: COARSE AGGR W/L.	EGATE EXP	POSED	2	1		Each
G	Seneral Comments								

Ben	t 1	Pile 5						
Rein	forced Concrete	Pile						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfor	ced Concrete Pile	1	0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
Element Number	Dofoct Typo	Defect De	scription		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COAR TO 1/16" FROM M/L-W/L.	SE AGGREGATE EXF	POSED	2			Each
227	Cracking (RC and Other)	UNDERWATER 2/27/19: F-8, H/	L CRACK FROM M/L-	·W/L.	2	1		Each
(General Comments							

Ber	nt 1	Pile 6						
Rei	nforced Concrete	Pile						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfor	ced Concrete Pile	1	0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARS TO 1/16" FROM M/L-W/L.	E AGGREGATE EXF	POSED	2			Each
227	Cracking (RC and Other)	UNDERWATER 2/27/19: F-1, H/L	CRACK FROM M/L-	·W/L	2	1		Each
	General Comments							

Bent	:1	Pile 7						
Rein	forced Concrete	Pile						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfor	ced Concrete Pile	1	0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
Element Number	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARS/ TO 1/16" FROM M/L-W/L.	E AGGREGATE EXF	POSED	2	1		Each
_	2							

Bei	nt 1	Pile 8						
Rei	inforced Concrete	Pile						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfor	ced Concrete Pile	1	0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
Eleme Numb	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARS TO 1/16" FROM M/L-W/L.	E AGGREGATE EXF	POSED	2	1		Each
227	Scour	UNDERWATER 2/27/19: SCOUR	AT P-8, DOWN STR	EAM- 1.0'	2			Each
	General Comments							

End	Bent 2	Cap 1						
Reir	nforced Concrete	Pier Cap						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	42	38	4	0	0 1	Feet
515	Steel Pr	otective Coating	450	450	0	0	0 :	Square Feet
Elemen Numbe	Dofoct Type	Defect Des	scription		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	FULL HEIGHT X UP TO 1/32" W VARIOUS LOCATIONS THROUGH		CKS AT	2	3		Feet
234	Delamination/Spall	3" HIGH X 4" LONG X 1" DEEP S REBAR AT BEAM 5	SPALL, NO EXPOSE	D	2	1	1	Feet
-	General Comments							

Ben	t 3	Cap 1						
Reir	forced Concrete	Pier Cap						
Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ced Concrete Pier Cap	36	21	15	0	0 Feet	
Elemen Number	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
234	Cracking (RC and Other)	UP TO 1/32" WIDE VERTICAL AN TO 2' LONG THROUGHOUT BOT		KS UP	2	6	Feet	
234	Delamination/Spall	2' LONG X 4" HIGH DELAMINAT CONCRETE AND CRACKS UND		RATED	2	2	2 Feet	
234	Delamination/Spall	DELAMINATION ON NEAR FACE LONG X 6" HIGH.	E AT BOTTOM OF C	AP 4'	2	4	4 Feet	

234 Delamination/Spall NEAR FACE, (6) SPALLS UP TO 12" LONG X 4" WIDE X 1" 2 3 3 Feet DEEP UNDER BEAMS 4 AND 5.

General Comments

BENT 2, LEFT OVERHANG SOFFIT HAS A 12" LONG X 2" WIDE X 1" DEEP LACK OF COVER SPALL . RIGHT SIDEWALK SUPPORT HAS 6" ROUND POP OUT SPALL

Bent Reinf	3 orced Concrete	Cap 1 Pier Cap						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	36	34	0	2	0	Feet
515	Steel Pr	otective Coating	450	450	0	0	0	Square Feet
lement lumber	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
234	Delamination/Spall	15" LONG X 9" HIGH AREA OF D ASSOCIATED HAIRLINE CRACK			3	2	2	Preet
G	eneral Comments							

bent 1 cap south end, dirt and debris under open sidewalk joint

Ben	nt 3	Pile 1						
Rei	nforced Concrete	Pile						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinford	ced Concrete Pile	1	0	1	0	0	Each
515	Steel Pi	rotective Coating	0	0	0	0	0	Square Feet
lemen lumbe	Dofoct Type	Defect De	scription		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COAR TO 1/16" FROM M/L-W/L.	SE AGGREGATE EXF	POSED	2			Each
227	Cracking (RC and Other)	UNDERWATER 2/27/19: F-3, H/ ABOVE THE W/L.	L CRACK FROM M/L	то	2	1		Each
227	Scour	UNDERWATER 2/27/19: SCOUP	R AT P-1, UPSTREAM	-0.7'	2			Each

Bei	nt 3			Pile 2						
Rei	inforced Co	ncrete Pi	le							
	ement mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227		Reinforced	Concrete Pile		1	0	1	0	0	Each
515		Steel Prote	ective Coating		0	0	0	0	0	Square Feet
Eleme Numbe	Dofoot 7	Гуре		Defect Description			cs	CS Qty	Maint Qty	
227	Abrasion/We (PSC/RC)		UNDERWATER 2/2 FO 1/16" FROM M/I	7/19: COARSE AGGRE L-W/L.	GATE EXP	POSED	2			Each
227	Cracking (RO	and	UNDERWATER 2/2	7/19: F-1, H/L CRACK T	O ABOVE	W/L.	2	1		Each
	General Comr	nents								

Bent 3		Pile	3					
Reinfo	rced Concrete	Pile						
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinford	ced Concrete Pile	1	0	1	0	0	Each
515	Steel Pr	otective Coating	0	0	0	0	0	Square Feet
lement lumber	Defect Type	De	ect Description		cs	CS Qty	Maint Qty	
	brasion/Wear PSC/RC)	UNDERWATER 2/27/19: TO 1/16" FROM M/L-W/I	COARSE AGGREGATE EX	POSED	2	1		Each
Ge	neral Comments							

Bent	:3	Pile 4						
Rein	forced Concrete	Pile						
Elem Num	ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	•
227	Reinfor	ced Concrete Pile	1	0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
Element Number	Dofoct Typo	Defe	ct Description		CS	CS Qty	Maint Qty	
	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: C TO 1/16" FROM M/L-W/L.	OARSE AGGREGATE EXF	POSED	2	1		Each
G	Seneral Comments							

Bent	: 3	Pile 5						
Rein	forced Concrete	Pile						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinford	ced Concrete Pile	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	0	0	0	0	0	Square Feet
Element Number	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARS TO 1/16" FROM M/L-W/L.	E AGGREGATE EXP	POSED	2	1		Each
G	General Comments							

Ben	it 3	Pile 6						
Reir	nforced Concre	ete Pile						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Rei	nforced Concrete Pile	1	0	0	1	0	Each
515	Stee	el Protective Coating	0	0	0	0	0	Square Feet
Elemen Numbe	Dofoct Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
227	Delamination/Sp	all UNDERWATER 2/27/19: F-7/8 HADELAMINATION AT THE W/L. 8"		:P.	3	1	-	1 Each
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARS TO 1/16" FROM M/L-W/L.	E AGGREGATE EXP	OSED	2			Each
-	General Comment	s						

Ben	nt 3		Pile 7						
Rei	nforce	ed Concrete	Pile						
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227		Reinford	ed Concrete Pile	1	0	1	0	0	Each
515		Steel Pr	otective Coating	0	0	0	0	0	Square Feet
Elemen Numbe		Defect Type	Defec	t Description		CS	CS Qty	Maint Qty	
227	Abras (PSC/	sion/Wear /RC)	UNDERWATER 2/27/19: CC TO 1/16" FROM M/L-W/L.	DARSE AGGREGATE EXI	POSED	2			Each
227	Crack Other	king (RC and	UNDERWATER 2/27/19: H/I (OTHER CRACKS ARE SIM		9 4'.	2	1		Each
•	Genera	al Comments	•						

Ben	it 3	Pile 8						
Rei	nforced Concrete	Pile						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinford	ced Concrete Pile	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	0	0	0	0	0	Square Feet
lemen	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARS TO 1/16" FROM M/L-W/L.	E AGGREGATE EXI	POSED	2	1		Each
227	Patched Area	1' x 8" SOUND PATCH AT TOP	OF PILE ON EAST F	ACE	2			Each

Be	nt 3	Pile 1						
Rei	inforced Concrete	Pile						
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfor	ced Concrete Pile	1	0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
Eleme Numb	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARSE TO 1/4" FROM M/L-W/L.	AGGREGATE EXP	OSED	2	1		Each
227	Scour	UNDERWATER 2/27/19: SCOUR A	T P-1, UPSTREAM	- 2.0'	2			Each
	General Comments							

Bent 3		Pile 2						
Reinfo	rced Concrete	Pile						
Elemer Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfor	ced Concrete Pile	1	0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
	orasion/Wear PSC/RC)	UNDERWATER 2/27/19: COARSE TO 1/4" FROM M/L-W/L.	E AGGREGATE EXP	OSED	2			Each

Cracking (RC and UNDERWATER 2/27/19: F-2, H/L-1/16" CRACK AND H/L-1/32"CRACK. BOTH CRACKS EXTEND FROM M/L-W/L. Other)

2 Each

General Comments

Bent 3		Pile 3						
Reinford	ced Concrete	Pile						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfor	ced Concrete Pile	1	0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
Element Number	Defect Type	Defect Descri	ription		cs	CS Qty	Maint Qty	
	asion/Wear C/RC)	UNDERWATER 2/27/19: COARSE TO 1/4" FROM M/L-W/L.	AGGREGATE EXP	OSED	2	1		Each

General Comments

Ben	it 3	Pile 4						
Rei	nforced Concrete	Pile						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfo	ced Concrete Pile	1	0	1	0	0	Each
515	Steel F	rotective Coating	0	0	0	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARS TO 1/4" FROM M/L-W/L.	E AGGREGATE EXP	OSED	2	1		Each
	0							

General Comments

t 3	Pile 5						
nforced Concrete	Pile						
nent nber Reinford	Element Name ed Concrete Pile	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	Qty	Each
Steel Pro	otective Coating	0	0	0	0	0	Square Feet
t Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
Abrasion/Wear (PSC/RC)			OSED	2			Each
Cracking (RC and Other)	UNDERWATER 2/27/19: F-1, HIGH WIDE/LONG DOWN 2.5'	H/LONG-1/16"CRAC	K FROM	2			Each
Delamination/Spall	20" LONG X 16" WIDE AREA OF WEST FACE AT TOP OF PILE	DELAMINATION ON	THE	2	1		1 Each
	nent neet Reinforce Steel Protect Type Abrasion/Wear (PSC/RC) Cracking (RC and Other)	Abrasion/Wear (PSC/RC) Cracking (RC and Other) Delamination/Spall Concrete Pile Winds (PSC/RC) UNDERWATER 2/27/19: F-1, HIGH WIDE/LONG DOWN 2.5' 20" LONG X 16" WIDE AREA OF	Interest Pile Interest Element Name Qty Reinforced Concrete Pile 1 Steel Protective Coating 0 Interest Defect Type Defect Description Abrasion/Wear (PSC/RC) UNDERWATER 2/27/19: COARSE AGGREGATE EXPORT (PSC/RC) TO 1/4" FROM M/LONG-WIDE/LONG. Cracking (RC and Other) UNDERWATER 2/27/19: F-1, HIGH/LONG-1/16"CRACK WIDE/LONG DOWN 2.5' Delamination/Spall 20" LONG X 16" WIDE AREA OF DELAMINATION ON	Interest Pile Interest Element Name Qty Qty Reinforced Concrete Pile 1 0 Steel Protective Coating 0 0 Interest Defect Type Defect Description Abrasion/Wear (PSC/RC) UNDERWATER 2/27/19: COARSE AGGREGATE EXPOSED TO 1/4" FROM M/LONG-WIDE/LONG. Cracking (RC and Other) UNDERWATER 2/27/19: F-1, HIGH/LONG-1/16"CRACK FROM WIDE/LONG DOWN 2.5' Delamination/Spall 20" LONG X 16" WIDE AREA OF DELAMINATION ON THE	Interest Pile Interest Element Name Qty Qty Qty Reinforced Concrete Pile 1 0 1 Steel Protective Coating 0 0 0 0 Interest Defect Type Defect Description CS Abrasion/Wear (PSC/RC) UNDERWATER 2/27/19: COARSE AGGREGATE EXPOSED 2 TO 1/4" FROM M/LONG-WIDE/LONG. Cracking (RC and Other) UNDERWATER 2/27/19: F-1, HIGH/LONG-1/16"CRACK FROM 2 WIDE/LONG DOWN 2.5' Delamination/Spall 20" LONG X 16" WIDE AREA OF DELAMINATION ON THE 2	Total CS1 CS2 CS3 Defect Type Defect Description CS CS Qty Abrasion/Wear (PSC/RC) TO 1/4" FROM M/LONG-WIDE/LONG Cracking (RC and Other) CIN CT CT Cracking (RC and Other) CIN CT Defect Type Defect Description CS CS CS CS CS CS CT CT CT CT CS CS CS CS CS CS CT CT CT CT CT CT CT CT	Total CS1 CS2 CS3 CS4

Ben	t 3	Pile 6						
Rei	nforced Concrete	Pile						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfor	ced Concrete Pile	1	0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
lemen lumbe	Dofoot Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARSE TO 1/4" FROM M/L-W/L.	AGGREGATE EXP	OSED	2	1		Each
	Canaral Cammanta							

General Comments

Ben	nt 3	Pile 7						
Rei	nforced Concrete	Pile						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfor	ced Concrete Pile	1	0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
Elemen Numbe	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARSI TO 1/4" FROM M/L-W/L.	E AGGREGATE EXP	OSED	2	1	-	Each
	Canaral Comments		-					

General Comments

Ben	t 3	Pile 8						
Rei	nforced Concrete	Pile						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
227	Reinford	ced Concrete Pile	1	0	0	1	0	Each
515	Steel Pro	otective Coating	0	0	0	0	0	Square Feet
Elemen Numbe	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
227	Delamination/Spall	5' BELOW THE CAP, 3' LONG X 12 EXPOSED REBAR WITH NO MEAS			3	1		3 Each
227	Exposed Rebar	UNDERWATER 2/27/19: VOID, F-3 18"VERTICAL X 10"WIDE X 1"DEEI EXPOSED, 25% SECTION LOSS.			3			2 Each
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARSE / TO 1/4" FROM M/L-W/L.	AGGREGATE EXP	OSED	2			Each
227	Cracking (RC and Other)	UNDERWATER 2/27/19: F-2, H/L-1 CAP DOWN 8'.	/16"CRACK 6' BEL	.OW	2			Each
227	Patched Area	SOUND PATCH WITH HORIZONTA PILE EAST FACE	AL CRACKS AT TO	OP OF	2			Each

	Pile 1						
oncrete Pile							
Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Reinforced Concrete Pile		1	0	1	0	0	Each
Steel Protective Coating		0	0	0	0	0	Square Feet
Туре	Defect Description	on		cs	CS Qty	Maint Qty	
1/4"-7/16" FROM	M/L- W/L. AGGREGA	_		2	1		Each
	Reinforced Concrete Pile Steel Protective Coating Type ear UNDERWATER 2 1/4"-7/16" FROM	Element Name Reinforced Concrete Pile Steel Protective Coating Type Defect Description ar UNDERWATER 2/27/19: COARSE AGG	Poncrete Pile Element Name Qty Reinforced Concrete Pile Steel Protective Coating Defect Description Ear UNDERWATER 2/27/19: COARSE AGGREGATE EXP 1/4"-7/16" FROM M/L- W/L. AGGREGATE REMAINS S	Element Name Reinforced Concrete Pile Steel Protective Coating Defect Description UNDERWATER 2/27/19: COARSE AGGREGATE EXPOSED 1/4"-7/16" FROM M/L- W/L. AGGREGATE REMAINS SECURE	CS2	CS	CS

Ber	nt 4	Pile 2						
Rei	nforced Concrete	Pile						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinford	ced Concrete Pile	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	0	0	0	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Descrip	ption		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARSE A 1/4"-7/16" FROM M/L- W/L. AGGREC IN THE CONCRETE.			2	1		Each
	General Comments							

Ben	t 4	Pile 3						
Rein	nforced Concrete	Pile						
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	=
227	Reinfor	ced Concrete Pile	1	0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
lement lumber	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARSE 1/4"-7/16" FROM M/L- W/L. AGGR IN THE CONCRETE.			2	1		Each
(General Comments							

Ber	nt 4	Pile 4						
Rei	nforced Concrete	Pile						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfor	ced Concrete Pile	1	0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
227	Cracking (RC and Other)	(2) UP TO 2' LONG X 1/16" WIDE NORTH AND NORTHEAST FACE		S IN	3			2 Each
227			AGGREGATE EXP EGATE REMAINS S		2	1		Each

Inspection Date: 04/22/2022

Structure Number: 770125

Ber	nt 4	Pile 5						
Rei	nforced Concrete	Pile						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinford	ced Concrete Pile	1	0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
Elemei	Dofoct Typo	Defect Descri	ription		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARSE 1/4"-7/16" FROM M/L- W/L. AGGREIN THE CONCRETE.			2			Each
227	Cracking (RC and Other)	UNDERWATER 2/27/19: F-7, H/L	CRACK NEAR W/L		2	1		Each
	General Comments							

Rein	forced Concrete	Pile						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	-
227 Reinforced Concrete Pile		ced Concrete Pile	1 (1 0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
lement lumber	Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARS 1/4"-7/16" FROM M/L- W/L. AGG IN THE CONCRETE.			2	1	·	Each

Ber	nt 4	Pile 7						
Rei	Reinforced Concrete Pile Element Number Element Name 27 Reinforced Concrete Pile 15 Steel Protective Coating ment nber Defect Type 7 Abrasion/Wear UNDERWATER 2/27	Pile						
		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinford	ced Concrete Pile	1	0	1	0	0	Each
515	Steel Pr	otective Coating	0	0	0	0	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARSE 1/4"-7/16" FROM M/L- W/L. AGGR IN THE CONCRETE.			2	1		Each
	General Comments							

Bent 4		Pile 8						
Reinford	ced Concrete Pile							
Element Number	Element Name	.	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS ² Qty	
227	Reinforced Concrete Pile		1	0	1	0	0	Each
515	Steel Protective Coating		0	0	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>770125</u>			Inspection [Date: 04/22/2022
227	Cracking (RC and Other)	1' LONG X 1/16" WIDE VERTICAL CRACK IN WEST FACE OF PILE AT CAP	3	1	Each
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARSE AGGREGATE EXPOSED 1/4"-7/16" FROM M/L- W/L. AGGREGATE REMAINS SECURE IN THE CONCRETE.	2		Each
227	Cracking (RC and Other)	UNDERWATER 2/27/19: F-1/7, H/L CRACK NEAR W/L.	2	1	Each
227	Scour	UNDERWATER 2/27/19: SCOUR AT P-8, DOWN STREAM- 2.2'	2		Each

General Comments

Ben	nt 4	Cap 1						
Rei	Reinforced Concrete Pier Cap							
		Element Name						
234	Reinford	ced Concrete Pier Cap	36	19	8	9	0 F	eet
	Dofoot Typo	Defect Descr	ription		cs	CS Qty		
234	Delamination/Spall	DETERIORATING CONCRETE IN		w	3	3	3	Feet
234	Delamination/Spall	DEEP SPALL WITH EXPOSED RECOATED AND STEEL IS NOT CO	BAR. AREA HAS	BEEN	3	2	2	Feet
234	Exposed Rebar		- / / - / - / - / - / -		3	3	3	Feet
234	Patched Area		,	WIDE X	3	1	1	Feet
234	Delamination/Spall	· ,	WEST FACE OF C	AP IN	2	4	4	Feet
234	Delamination/Spall	(9) 5" DIA. X 1" DEEP POP OUT S LOCATIONS ON BOTH FACES	PALLS AT VARIOU	JS	2	4	5	Feet
	General Comments							

General Comments

bent 1 cap south end, dirt and debris under open sidewalk joint

Bent	t 5	Cap 1						
Rein	forced Concrete	Pier Cap						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	36	26	7	3	0	Feet
515	Steel Pro	otective Coating	450	450	0	0	0	Square Feet
Element Number	Defeat Type	Defect Descrip	tion		cs	CS Qty	Maint Qty	
234	Delamination/Spall	(2) UP TO 12" HIGH X 12" LONG X 3 NO EXPOSED REBAR ON EAST FA			3	2	_	2 Feet
234	Exposed Rebar	PAR 8" LONG X 15" HIGH X 1" DE EXPOSED REBAR WITH MINOR SE FACE AT PILE 8		-	3	1		1 Feet
234	Delamination/Spall	(2) 18" LONG X 15" WIDE AREA OF THE WEST FACE AT BOTH ENDS O		NS ON	2	2		2 Feet
234	Patched Area	(3) UP TO 3' LONG X 2' HIGH SOUN FACE AT VARIOUS LOCATIONS	D PATCES IN W	EST	2	2		Feet
234	Patched Area	3' LONG X 2' WIDE SOUND PATCH EAST FACE	AREA UNDER E	BEAM 2	2	3		Feet

General Comments

bent 1 cap south end, dirt and debris under open sidewalk joint

Bent	t 5	Pile 1						
Rein	forced Concrete	Pile						
Elem Num 227	nber	Element Name red Concrete Pile	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty	
515	Steel Pro	otective Coating	0	0	0	0	0	Square Feet
Element Number	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARSE 1/4"-7/16" FROM M/L- W/L. AGGI SECURE IN THE CONCRETE.		POSED	2	1	·	Each
227	Delamination/Spall	3' LONG X 4" WIDE AREA OF DE AT TOP	ELAMINATION EAST	Γ FACE	2			3 Each
227	Scour	UNDERWATER 2/27/19: SCOUR	AT P-1 LIPSTREAM	- 1 8'	2			Each

Bent	5	Pile 2						
Reinf	forced Concrete	Pile						
Eleme Numb	****	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinford	ced Concrete Pile	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	0	0	0	0	0	Square Feet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARSI 1/4"-7/16" FROM M/L- W/L. AGGI SECURE IN THE CONCRETE.		POSED	2			Each
	Cracking (RC and Other)	UNDERWATER 2/27/19: F-2, H/L	CRACK NEAR W/L		2	1		Each
G	eneral Comments							

Ben	nt 5	Pile 3						
Rei	lement umber Element Name 7 Reinforced Concrete Pile 5 Steel Protective Coating ent ber Defect Type Defect Type Abrasion/Wear UNDERWATER 2/27/1	Pile						
		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinford	ced Concrete Pile	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	0	0	0	0	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	scription		CS	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARS 1/4"-7/16" FROM M/L- W/L. AGO SECURE IN THE CONCRETE.		POSED	2	1		Each
	General Comments							

Bent 5		Pile 4						
Reinford	ced Concrete Pile							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinforced Concrete Pile		1	0	0	1	0 Each	1
515	Steel Protective Coating		0	0	0	0	0 Squa	are Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure Number: 770125

227 Delamination/Spall 3' LONG X 4" WIDE AREA OF DELAMINATION EAST FACE AT TOP

227 Abrasion/Wear (PSC/RC) UNDERWATER 2/27/19: COARSE AGGREGATE EXPOSED 2 Each (PSC/RC) 1/4"-7/16" FROM M/LONG- WIDE/LONG. AGGREGATE REMAINS SECURE IN THE CONCRETE.

General Comments

Bent 5		Pile 5						
Reinfo	rced Concrete	Pile						
Elemen Numbe	· -	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfor	ced Concrete Pile	1	0	1	0	0	Each
515	Steel P	rotective Coating	0	0	0	0	0	Square Feet
lement lumber	Defect Type	Defect De	escription		CS	CS Qty	Maint Qty	
	orasion/Wear SC/RC)			2			Each	
	acking (RC and her)	(RC and UNDERWATER 2/27/19: F-1, H/L CRACK NEAR W/L.			2	1		Each

Bei	nt 5	Pile 6						
Rei	inforced Concrete	Pile						
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
227	Reinfor	ced Concrete Pile	1	0	1	0	0 1	Each
515	Steel P	rotective Coating	0	0	0	0	0 :	Square Feet
Eleme	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
227	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARSE AGGREGATE EXPOSED 1/4"-7/16" FROM M/L- W/L. AGGREGATE REMAINS SECURE IN THE CONCRETE.		2			Each	
227	Cracking (RC and Other)	UNDERWATER 2/27/19: F-8, H/L SURFACE.	1/16"CRACK AT W	ATER	2	1		Each
	General Comments							

5	Pile 7						
orced Concrete	Pile						
ent oer Reinford	Element Name ced Concrete Pile	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0		='
Steel Pr	rotective Coating	0	0	0	0	0	Square Feet
Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARSE AGGREGATE EXPOSED 1/4"-7/16" FROM M/L- W/L. AGGREGATE REMAINS SECURE IN THE CONCRETE.		POSED	2	1		Each
	orced Concrete ent eer Reinford Steel Pr Defect Type Abrasion/Wear	orced Concrete Pile ent ber Element Name Reinforced Concrete Pile Steel Protective Coating Defect Type Defect Descapation/Wear PSC/RC) UNDERWATER 2/27/19: COARS 1/4"-7/16" FROM M/L- W/L. AGG	orced Concrete Pile ent Element Name Qty Reinforced Concrete Pile 1 Steel Protective Coating 0 Defect Type Defect Description Abrasion/Wear PSC/RC) UNDERWATER 2/27/19: COARSE AGGREGATE EXPROSE 1/4"-7/16" FROM M/L- W/L. AGGREGATE REMAINS	orced Concrete Pile ent Element Name Qty Qty Reinforced Concrete Pile 1 0 Steel Protective Coating 0 0 Defect Type Defect Description Abrasion/Wear PSC/RC) UNDERWATER 2/27/19: COARSE AGGREGATE EXPOSED 1/4"-7/16" FROM M/L- W/L. AGGREGATE REMAINS	orced Concrete Pile ent Element Name Qty Qty Qty Reinforced Concrete Pile 1 0 1 Steel Protective Coating 0 0 0 0 Defect Type Defect Description CS Abrasion/Wear PSC/RC) UNDERWATER 2/27/19: COARSE AGGREGATE EXPOSED 2 1/4"-7/16" FROM M/L- W/L. AGGREGATE REMAINS	orced Concrete Pile ent Element Name Qty Qty Qty Qty Qty Qty Reinforced Concrete Pile 1 0 1 0 Steel Protective Coating 0 0 0 0 0 Defect Type Defect Description CS CS Qty Abrasion/Wear PSC/RC) UNDERWATER 2/27/19: COARSE AGGREGATE EXPOSED 2 1 1/4"-7/16" FROM M/L- W/L. AGGREGATE REMAINS	Concrete Pile

General Comments

Structure Number: 770125 Inspection Date: 04/22/2022

Bent	: 5	Pile 8					
Rein	forced Concrete	Pile					
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
227	Reinford	ced Concrete Pile	1	0	1	0	0 Each
515	Steel Pr	otective Coating	0	0	0	0	0 Square Feet
Element Number	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty
	Cracking (RC and Other)	4' LONG X UP TO 1/16" WIDE VER SOUTH FACE AT TOP	TICAL CRACK ON		3		4 Each
	Abrasion/Wear (PSC/RC)	UNDERWATER 2/27/19: COARSE AGGREGATE EXPOSED 1/4"-7/16" FROM M/L- W/L. AGGREGATE REMAINS SECURE IN THE CONCRETE.		2		Each	
	Cracking (RC and Other)	UNDERWATER 2/27/19: F-7, (2) H	L CRACKS NEAR	W/L.	2	1	Each
	Scour	UNDERWATER 2/27/19: SCOUR A	LD-8 DOWN STRE	AM 27'	2		Each

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck Slab	Reinforced Concrete Slabs	1924
Span 1	Beam 1	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 1	Beam 2	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 1	Beam 3	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 1	Beam 4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 1	Beam 5	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1924
Span 2	Deck	Reinforced Concrete Deck Slab	Reinforced Concrete Slabs	1924
Span 2	Beam 1	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 2	Beam 2	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 2	Beam 3	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 2	Beam 4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 2	Beam 5	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 2	Expansion Joint	Standard Joint	Pourable Joint Seal	0
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1924
Span 3	Deck	Reinforced Concrete Deck Slab	Reinforced Concrete Slabs	1924
Span 3	Beam 1	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 3	Beam 2	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 3	Beam 3	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 3	Beam 4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 3	Beam 5	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 3	Expansion Joint	Standard Joint	Pourable Joint Seal	0
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1924
Span 4	Deck	Reinforced Concrete Deck Slab	Reinforced Concrete Slabs	1924
Span 4	Beam 1	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 4	Beam 2	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 4	Beam 3	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 4	Beam 4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 4	Beam 5	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 4	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 4	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 4	Expansion Joint	Finger Joint	Assembly Joint without Seal	0
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1924
Span 5	Deck	Reinforced Concrete Deck Slab	Reinforced Concrete Slabs	1924
Span 5	Beam 1	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 5	Beam 2	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 5	Beam 3	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 5	Beam 4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 5	Beam 5	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 5	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 5	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 5	Expansion Joint	Standard Joint	Pourable Joint Seal	0
Span 5	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1924
Span 6	Deck	Reinforced Concrete Deck Slab	Reinforced Concrete Slabs	1924
Span 6	Beam 1	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 6	Beam 2	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 6	Beam 3	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 6	Beam 4	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 6	Beam 5	Reinforced Concrete Girder	Reinforced Concrete Open Girder/Beam	48
Span 6	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 6	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	48
Span 6	Expansion Joint	Standard Joint	Pourable Joint Seal	0
Span 6	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1924
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	36
Bent 1	Pile 1	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 1	Pile 2	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 1	Pile 3	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 1	Pile 4	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 1	Pile 5	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 1	Pile 6	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 1	Pile 7	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 1	Pile 8	Reinforced Concrete Pile	Reinforced Concrete Pile	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	42
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	38
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	42
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	38
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	36
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	36
Bent 3	Pile 1	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 3	Pile 1	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 3	Pile 2	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 3	Pile 2	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 3	Pile 3	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 3	Pile 3	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 3	Pile 4	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 3	Pile 4	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 3	Pile 5	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 3	Pile 5	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 3	Pile 6	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 3	Pile 6	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 3	Pile 7	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 3	Pile 7	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 3	Pile 8	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 3	Pile 8	Reinforced Concrete Pile	Reinforced Concrete Pile	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Bent 4	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	36
Bent 4	Pile 1	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 4	Pile 2	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 4	Pile 3	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 4	Pile 4	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 4	Pile 5	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 4	Pile 6	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 4	Pile 7	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 4	Pile 8	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 5	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	36
Bent 5	Pile 1	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 5	Pile 2	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 5	Pile 3	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 5	Pile 4	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 5	Pile 5	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 5	Pile 6	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 5	Pile 7	Reinforced Concrete Pile	Reinforced Concrete Pile	1
Bent 5	Pile 8	Reinforced Concrete Pile	Reinforced Concrete Pile	1

General Inspection Notes

Bent 1	Pile 2
DUPLICATE [DEFECT REMOVED

Span 2	Expansion Joint
Not Visible	·
Span 3	Expansion Joint
NOT VISIBLE	
Span 4	Expansion Joint
NOT VISIBLE	
Span 5	Expansion Joint
NOT VISIBLE	
Span 6	Expansion Joint
NOT VISIBLE	

National Bridge and NC Inspection Items

Structure Number: 770125 Inspection Date: 04/22/2022

National Bridge Inventory Items

Item	Grade Scale	Grade	
Item 58: Deck	0 - 9 , N	4	Note:
Item 59: Superstructure	0 - 9 , N	5	Items 58,59,60,62 reflect this
Item 60: Substructure	0 - 9 , N	4	inspection only.
Item 61: Channel and Channel Protection	0 - 9 , N	7	For overall NBI coding grade, see cover sheet.
Item 62: Culvert	0 - 9 , N	N	
Item 71: Waterway Adequacy	0 - 9 , N	7	
Item 72: Approach Roadway Alignment	0 - 9 , N	8	

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	G	0	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C	G		
Slope Protection	G, F, P, or C	F	10	3352
Scour	G, F, P, or C	F		
Wingwall	G, F, P, or C		0	3350
Field Scour Evaluation		G		
Drift	G, F, P, or C	G	0	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Superstructure Paint Code		U		

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

Inspection Information

Item	Grade Scale	Grade
Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Υ
Inspection Time	Hours	7
Traffic Control Time	Hours	6
Snooper Time	Hours	5
Ladder Used	YES/NO	N
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N
Portion of Structure in > 3' of water	YES/NO	Υ

National Bridge and NC SMU Inspection Item Details

Structure Number: 770125 Inspection Date: 04/22/2022

Item	Deck - Item 58	Grade	4	Maint Code	Qty.	0
Details	PREVIOUSLY GRADED 4.					
Item	Substructure - Item 60	Grade	4	Maint Code	Qty.	0
	RATING FROM 02/27/2019 UW INSPECTION				,-	
Item	Snooper Used	Grade	Υ	Maint Code	Qty.	0
Details	HYDRA-PLATFORM USED					
Item	Slope Protection	Grade	F	Maint Code 3352	Qty.	10
	·		-		•	
Details	PAR 10' X 5" HIGH X 9" DEEP WASHOUT AND UNDERMINING OF THE SLOPE PROTECTION AT ABUTMENT 2					
	END BENT 1 SLOPE PROTECTION BERM, BELOW BA BY AN ANIMAL	Y 1, CAI	P 2' WIDE)	X 6" HIGH X UP TO 21"	DEEP	VOID CAUSED
Item	Scour	Grade	F	Maint Code	Qty.	0
Details	SPAN 2 FULL LENGTH X FULL WIDTH X 2' DEEP SCOUR HOLE WITH STANDING WATER					
Item	General Comments and Misc Items	Grade	G	Maint Code	Qty.	0
			_		,-	
Details	Sidewalk has settled up to 3" x full width at all corners					
	VEGITATION GROWTH ON TOP OF ALL CAPS AT OVERHANGS					
Item	Portion of structure in > 3' of water (Y or N)	Grade	Υ	Maint Code	Qty.	0
	Portion of structure in > 3' of water (Y or N) BENTS 3, 4, AND 5	Grade	Υ	Maint Code	Qty.	0



Bent 2 Cap 1: UP TO 1/32" WIDE VERTICAL AND DIAGINAL CRACKS UP TO 2' LONG THROUGHOUT BOTH FACES



Bent 2 Cap 1: DELAMINATION ON NEAR FACE AT BOTTOM OF CAP 4' LONG X 6" HIGH.



Bent 2 Cap 1: NEAR FACE, (6) SPALLS UP TO 12" LONG X 4" WIDE X 1" DEEP UNDER BEAMS 4 AND 5.



Typical minor abrasion in piles up to 3' high on all faces, Bent 2 Pile 3 shown



Bent 2 Pile 6: AREA OF DELAMINATION CONCRETE. 8"DIAMETER X 1"DEEP.



Typical vertical hairline crack on Piles, Bent 2 Pile 7 shown



Bent 2 Pile 8: 1' x 8" SOUND PATCH AT TOP OF PILE ON EAST FACE



Sidewalk has settled up to 3" x full width at all corners, southwest corner shown



TYPICAL TRANSVERSE CRACK IN WEARING SURFACE FULL LENGTH X UP TO 1/4" WIDE, OVER ABUTMENT 1 SHOWN



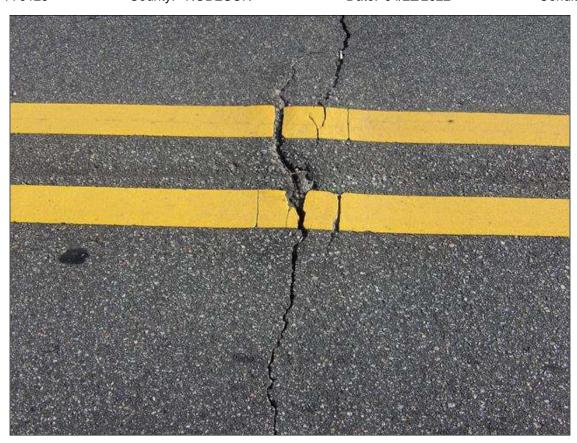
Typical minor abrasion on sidewalks, Span 1 right sidewalk shown



Span 1 Left Bridge Rail: 10" long x 7" wide x 2" deep with exposed rebar with no measurable section loss in sidewalk at abutment 1



Typical sound patch interior face of rail post, Span 1 right rail shown



TYPICAL TRANSVERSE CRACKS UP TO FULL WIDTH X 1/2" WIDE, OVER BENT 3 SHOWN



Span 3 Right Bridge Rail: 2 SPALLS LOCATED 6' BEFORE BENT 3, 4" DIAMETER EACH UP TO 1" DEEP



Span 3 Left Bridge Rail: SPALL ON 2ND POST FROM BENT 3, SOUTH FACE, 3" LONG X 12" HIGH X 2" DEEP WITH EXPOSED REBAR WITH NO SECTION LOSS



Span 3 Left Bridge Rail: HAIRLINE CRACKS IN LEFT RAIL POSTS AT VARIOUS LOCATIONS THROUGHOUT



Span 3 Left Bridge Rail: (2) SPALLS UP TO 6" DIA. X 2" DEEP WITH EXPOSED REBAR WITH NO MEASURABLE SECTION LOSS IN RAIL POSTS



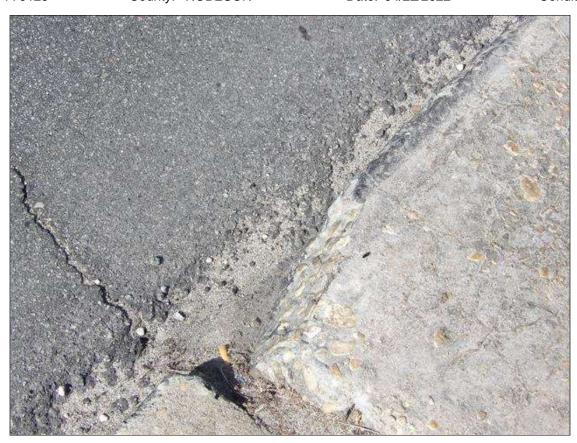
Span 3 Left Bridge Rail: UNSOUND PATCH ON LAST POST OF SPAN 3 LEFT RAIL. FULL FACE OF POST



Span 4 Left Bridge Rail: 6" DIAMETER X 1" DEEP SPALL WITH EXPOSED REBAR WITH NO SECTION LOSS. LOCATED AT MIDSPAN LEFT RAIL SPAN 4



Span 5 Left Bridge Rail: 4TH POST FROM BENT 5 UNSOUND PATCH ON TOP HALF OF INTERIOR FACE. PATCH IS DELAMINATED.



SIDEWALK AT EAST END, OVER END BENT 2, CORNER SPALL 8" X 6" X 1" DEEP



RIGHT SIDEWALK EAST END CORNER SPALL 9" X 7" X UP TO 3" DEEP



TYPICAL HAIRLINE VERTICAL CRACKS IN THE WEB AREA THROUGHOUT THE LENGTH OF THE BEAMS, SPAN 1 BEAM 5 SHOWN.



Span 1 Beam 5: 4.5' X 16" AREA PATCH 10' FROM END BENT 1. ON INTERIOR FACE OF WEB EXTENDING ON FULL WIDTH OF BOTTOM FLANGE AND EXTENDING 3" ON EXTERIOR FACE WITH 6" DIAMETER AREA OF DELAMINATION WITH HAIRLINE MAP CRACKING THROUGHOUT PATCH



Span 1 Beam 1: LARGE FAILING PATCH 15' LONG X 2' WIDE ON LEFT BOTTOM FACE 18" FROM END BENT 1



Span 1 Beam 1:12' FROM BENT 1. FAILING PATCH 8' LONG X FULL BEAM WIDTH ON THE BOTTOM OF THE BEAM AND BOTH FACES.



Span 1 Beam 1: 5' FROM END BENT 1, BOTTOM LEFT CORNER DELAMINATION 3' X 2' AREA



TYPICAL HAIRLINE DIAGONAL CRACKS ON WEB OF BEAM, SPAN 1 BEAM 1 SHOWN



Span 1 Beam 1: 12' LONG X UP TO 2' WIDE AREA OF DELAMINATION IN RIGHT FACE NEAR MIDSPAN



Span 1 Beam 5: PAR - 9' FROM BENT 1, BOTTOM OF BEAM BOTH SIDES, SPALL AND DELAMINATION 5' LONG X 6" HIGH X 3" DEEP WITH EXPOSED REBAR WITH MINOR SECTION LOSS



Span 1 Beam 5: 21' FROM END BENT 1, RIGHT SIDE 20" LONG X 3" DELAMINATION



Span 1 Beam 2: AT BENT 1, DELAMINATION 1' LONG X 5" WIDE BOTTOM RIGHT FLANGE



Bent 1 Cap 1: 5' LONG X 12" HIGH AREA OF DELAMINATION ON WEST FACE IN BAY 2



TYPICAL HAIRLINE TO 1/32" VERTICAL/HORIZONTAL CRACKS IN CAP, BENT 1 CAP SHOWN



Bent 1 Cap 1: (15) UP TO 5" DIAMETER X 1" DEEP ROUND POP OUT SPALLS WITH EXPOSED REBAR WITH NO MEASURABLE SECTION LOSS ON WEST FACE



SPAN 2 FULL LENGTH X FULL WIDTH X 2' DEEP SCOUR HOLE WITH STANDING WATER



VEGITATION GROWTH ON TOP OF ALL CAPS UNDER OVERHANGS, BENT 1 RIGHT SIDE SHOWN, ALL OTHERS SIMILAR



Bent 1 Cap 1: (3) SOUND PATCHS UP TO 4' LONG X 3' WIDE ON EAST FACE AT VARIOUS LOCATIONS



Span 2 Beam 5: 9' FROM BENT 1. 2' LONG X 5" HIGH AREA OF DELAMINATION WITH ASSOCIATED CRACKING IN RIGHT BOTTOM FACE



Span 2 Beam 1: PAR -- 12' LONG X FULL WIDTH OF BOTTOM FLANGE EXTENDING 3" ON BOTH FACES AREA OF DELAMINATION WITH 2' LONG X FULL WIDTH X 3" DEEP SPALL WITH EXPOSED REBAR WITH MINIOR SECTION LOSS STARTING 2' FROM BENT 1



Span 2 Beam 1: SOUND PATCHED AREAS ON THE BOTTOM OF THE BEAM INTERMITTENT THROUGHOUT SPAN EXTENDING 16" FROM BOTTOM OF BEAM ON INTERIOR AND EXTERIOR FACES



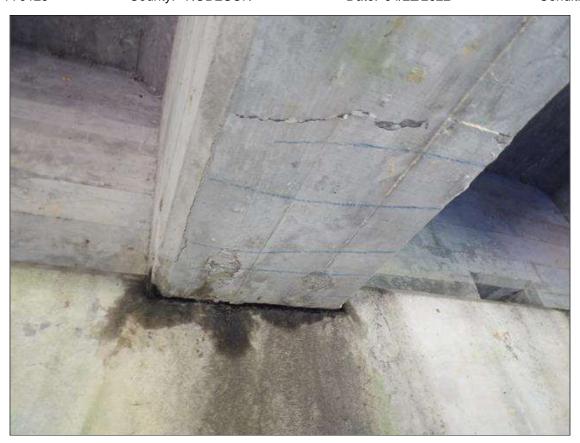
Span 2 Beam 1: 3.5' LONG X 6" WIDE AREA OF DELAMINATION IN BOTTOM RIGHT FACE AT MIDSPAN



Span 2 Beam 1: 1' LONG X 3" WIDE X 1" DEEP SPALL WITH EXPOSED REBAR WITH NO MEASURABLE SECTION LOSS IN RIGHT FACE NEAR MIDSPAN



Span 2 Beam 1: PATCHED AREAS ON BOTH FACES THROUGHOUT THE LENGTH OF THE BEAM ARE BEGINNING TO FAIL AND SHOW DELAMINATION



Span 2 Beam 2: 2' LONG X FULL WIDTH AREA OF DELAMINATION IN BOTTOM FACE AT BENT 2



Bent 2 Cap 1: 2' LONG X 4" HIGH DELAMINATION WITH DETERIORATED CONCRETE AND CRACKS UNDER BEAM 2



Span 2 Beam 4: 1/8" WIDE X 1' LONG HORIZONTAL CRACK ON BOTTOM LEFT FACE AT BENT 2



Span 3 Beam 4: 1' LONG X 8" WIDE X 2" DEEP SPALL IN BOTTOM FACE AT BENT 2



Span 3 Beam 1: 25' LONG X 8" WIDE ON BOTTOM FACE AND EXTENDING UP TO 2' HIGH ON WEB AREA OF DELAMINATION IN RIGHT FACE STARTING 4' FROM PIER 3



Span 4 Beam 1: 1' HIGH X 1' WIDE SOUND PATCHED AREA AT BENT 3 WITH HAIRLINE HORIZONTAL CRACKING



Bent 3 Pile 5: 20" LONG X 16" WIDE AREA OF DELAMINATION ON THE WEST FACE AT TOP OF PILE



Bent 3 Pile 8: SOUND PATCH WITH HORIZONTAL CRACKS AT TOP OF PILE EAST FACE



Bent 3 Pile 8: 5' BELOW THE CAP, 3' LONG X 12" WIDE X 2" DEEP WITH EXPOSED REBAR WITH NO MEASURABLE SECTION LOSS



Span 4 Beam 5: 2.5' LONG X FULL WIDTH OF BOTTOM FLANGE AND EXTENDING 4" ON BOTH FACES SOUND PATCHED AREA 10' FROM BEANT 4



Span 4 Beam 1: 25' LONG X FULL WIDTH AND EXTENDING UP TO 3" HIGH ON BOTH FACES AREA OF DELAMINATION STARTING 5' FROM BENT 3



Span 4 Beam 1: 4' LONG X 1' WIDE SOUND PATCH AREA EXTEDING 1.5' LONG ON BOTTOM FACE, LEFT FACE 15' FROM BENT 3



Span 4 Beam 3: 1' LONG X 10" HIGH SOUND PATCHED AREA IN LEFT FACE OF WEB AT BENT 3



Span 4 Beam 1: CONSTRUCTION FORMS LEFT IN PLACE



Span 4 Beam 2: 1' LONG X FULL WIDTH AREA OF DELAMINATION IN BOTTOM FLANGE AT BENT 4



Span 4 Beam 3: 8" LONG X FULL WIDTH X 2" DEEP SPALL WITH NO EXPOSED REBAR IN BOTTOM FLANGE AT BENT 4



Span 4 Beam 4: 1.5' LONG X FULL WIDTH AREA OF DELAMINATION IN BOTTOM FLANGE AT BENT 4



Span 4 Beam 5: PAR --- 2' LONG X UP TO 1' HIGH X 3" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS IN RIGHT FACE FACE OF WEB AT BENT 4



Bent 4 Cap 1: WEST FACE BELOW BEAM 5, 12" HIGH X 18" WIDE X 2" DEEP SPALL WITH EXPOSED REBAR. AREA HAS BEEN COATED AND STEEL IS NOT CORRODED. ADJACENT 24" X 16" DELAMINATION



Bent 4 Cap 1: (2) AREAS OF DELAMINATION IN WEST FACE OF CAP IN BAY 2, UP TO 3' LONG X 3' WIDE



Bent 4 Pile 8: 1' LONG X 1/16" WIDE VERTICAL CRACK IN WEST FACE OF PILE AT CAP



Bent 4 Cap 1: CORNER SPALL ON LEFT END TOP, 1' LONG X 10" WIDE X 3" DEEP, PREVIOUSLY COATED AREA



Bent 4 Cap 1: 3' LONG X 1.5' AREA OF DELMINATION WITH DETERIORATING CONCRETE IN EAST FACE BELOW BEAM 4



Bent 4 Cap 1: PAR -- SPALL 36" HIGH X 16" WIDE X 2.5" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS



Bent 4 Pile 4: (2) UP TO 2' LONG X 1/16" WIDE VERTICAL CRACKS IN NORTH AND NORTHEAST FACE OF PILE AT TOP



Span 5 Beam 1: 20' LONG X FULL WIDTH AREA OF DELAMINATION IN BOTTOM FLANGE EXTENDING UP TO 2' IN BOTH FACES OF WEB, STARTING 3' FROM BENT 4



Span 5 Beam 1: SOUND PATCH 24" LONG X 10" HIGH ON RIGHT FACE IN THE WEB AREA NEAR MID SPAN



Span 5 Deck: 6' LONG X 7" WIDE X 1" DEEP SPALL WITH EXPOSED REBAR IN DECK UNDERSIDE LEFT OVERHANG. AREA HAS BEEN PAINTED OVER



Span 5 Beam 5: 2.5' LONG X FULL WIDTH OF BOTTOM FLANGE SOUND PATCH AREA EXTENDING UP TO 1' ON BOTH FACES OF WEB, NEAR MIDSPAN



Span 5 Beam 2: 10" LONG X FULL WIDTH SOUND PATCH ON BOTTOM FLANGE AT BENT 5



Bent 5 Cap 1: PAR -- 8" LONG X 15" HIGH X 1" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS ON WEST FACE AT PILE 8



Bent 5 Cap 1: (3) UP TO 3' LONG X 2' HIGH SOUND PATCES IN WEST FACE AT VARIOUS LOCATIONS



Bent 5 Cap 1: (2) 18" LONG X 15" WIDE AREA OF DELAMINATIONS ON THE WEST FACE AT BOTH ENDS OF CAF LEFT END SHOWN



Span 5 Beam 2: (2) 5" DIA. X 1" DEEP SPALLS WITH EXPOSED REBAR IN BOTTOM FLANGE AT 5' AND 10' FROM PIER 5



Bent 5 Pile 8: 4' LONG X UP TO 1/16" WIDE VERTICAL CRACK ON SOUTH FACE AT TOP



END BENT 1 SLOPE PROTECTION BERM, BELOW BAY 1, CAP 2' WIDE X 6" HIGH X UP TO 21" DEEP VOID CAUSED BY AN ANIMAL



End Bent 1 Cap 1: PAR -- SPALL 16" X UP TO 12" X UP TO 1" DEEP UNDER LEFT OVERHANG WITH EXPOSED REBAR 5 " LONG



End Bent 1 Cap 1: 2 FULL HEIGHT X HAIRLINE TO 1/32" WIDE VERTICAL CRACKS AT BAY 2 AND 3



PAR -- 10' X 5" HIGH X 9" DEEP WASHOUT AND UNDERMINING OF THE SLOPE PROTECTION AT ABUTMENT 2



Bent 5 Cap 1: (2) UP TO 12" HIGH X 12" LONG X 3" DEEP SPALLS WITH NO EXPOSED REBAR ON EAST FACE UNDER BAY 1



Bent 5 Pile 1: 3' LONG X 4" WIDE AREA OF DELAMINATION EAST FACE AT TOP



Bent 5 Pile 4: 3' LONG X 4" WIDE AREA OF DELAMINATION EAST FACE AT TOP



Span 6 Beam 5: PAR -- 20" LONG X FULL BOTTOM WIDTH X 3" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS IN BOTTOM OF FLANGE 10' FROM BENT 6



Span 6 Beam 1: PAR -- 20" LONG X 12" WIDE X 1" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS AND 10" DIA. AREA OF DELAMINATION BELOW SPALL, IN RIGHT FACE AT DIAPHRAGM



Span 6 Beam 1: 4' LONG X 5" SOUND PATCH ON LEFT FACE OF BEAM LOCATED 5' FROM END BENT 2



Span 6 Beam 1: 18' LONG X FULL WIDTH AREA OF DELAMINATION IN BOTTOM FLANGE EXTENDING UP TO 1' ON BOTH FACES OF WEB STARTING 10' FROM END BENT 2



End Bent 2 Cap 1: 3" HIGH X 4" LONG X 1" DEEP SPALL, NO EXPOSED REBAR AT BEAM 5

Stream Bed Soundings (Profile diagram on following sheet)

County ROBESON Structure Number: 770125 Inspection Date 04/22/2022

Sounding recorded from: Top of Bridge Rail

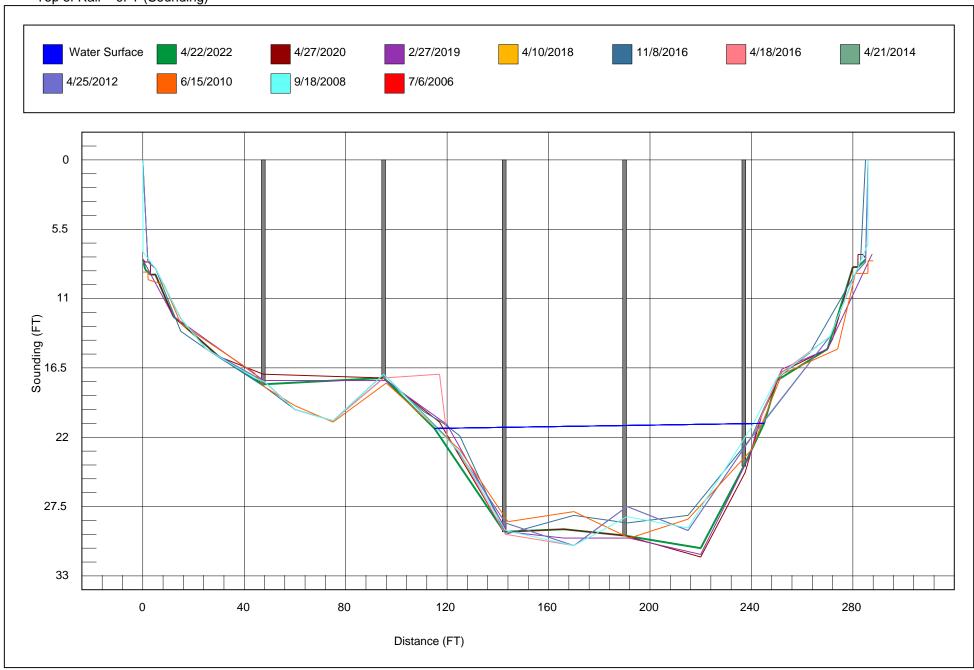
Highwater Mark Distance 19 Location of Highwater Mark EVIDENCE ON BANK

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	7.900	0.000	FF ABUT. 1
1.000	8.700	0.000	TOC
3.010	9.100	7.700	SF ABUT. 1
5.000	9.100	0.000	TOP OF SLOPE
12.000	12.400	0.000	TOE OF SLOPE
30.000	15.600	0.000	
47.500	17.800	19.700	BENT 1
95.000	17.300	17.500	BENT 2
115.000	21.300	0.000	WSWE
142.500	29.500	26.500	BENT 3
166.000	29.300	0.000	
190.000	29.800	29.700	BENT 4
220.000	30.800	0.000	
237.000	24.300	23.500	BENT 5
245.000	20.900	0.000	WSWE
250.000	17.500	0.000	
270.000	15.000	0.000	TOE OF SLOPE
280.000	8.500	0.000	TOP OF SLOPE
281.990	8.500	7.800	SF ABUT. 2
284.000	8.100	0.000	TOC
285.000	7.900	0.000	FF ABUT. 2

Bridge: 770125 County: ROBESON Date: 04/22/2022

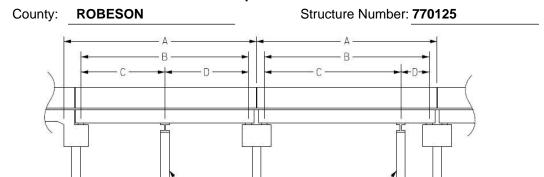
STREAMBED PROFILE (Downstream)





Structure Data Worksheet

Span Profile



- CRUTCH / HELPER BENTS-

A: SPAN LENGTH
B: BEARING TO BEARING
C: DISTANCE FROM NEAR BEARING
D: DISTANCE TO FAR BEARING

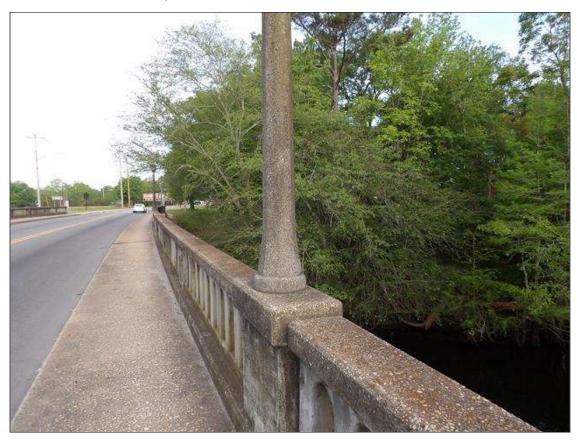
Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	47.500	44.670			
2	47.500	45.920			
3	47.500	45.920			
4	47.500	45.920			
5	47.500	45.920			
6	47.500	44.670			



Looking West



Looking North upstream



Typical light post attached to rails, left rail shown



Looking South downstream



Looking East



South elevation



Abutment 1, Abutment 2 similar



North elevation



Superstructure underside, Span 3 shown, all others similar



Pier 3 shown, all others similar

Bridge: 770125 County ROBESON Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3306	Maintain Concrete Superstructure Components	SF	12	Span 2 Beam 1: PAR 12' LONG X FULL WIDTH OF BOTTOM FLANGE EXTENDING 3" ON BOTH FACES AREA OF DELAMINATION WITH 2' LONG X FULL WIDTH X 3" DEEP SPALL WITH EXPOSED REBAR WITH MINIOR SECTION LOSS STARTING 2' FROM BENT 1	
3306	Maintain Concrete Superstructure Components	SF	2	Span 4 Beam 5: PAR 2' LONG X UP TO 1' HIGH X 3" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS IN RIGHT FACE OF WEB AT BENT 4	
3306	Maintain Concrete Superstructure Components	SF	5	Span 1 Beam 5: PAR 9' FROM BENT 1, BOTTOM OF BEAM BOTH SIDES, SPALL AND DELAMINATION 5' LONG X 6" HIGH X 3" DEEP WITH EXPOSED REBAR WITH NO MEASURABLE SECTION LOSS	
3306	Maintain Concrete Superstructure Components	SF	2	Span 6 Beam 1: PAR 20" LONG X 12" WIDE X 1" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS AND 10" DIA. AREA OF DELAMINATION BELOW SPALL, IN RIGHT FACE AT DIAPHRAGM	
3306	Maintain Concrete Superstructure Components	SF	2	Span 6 Beam 5: PAR 20" LONG X FULL WIDTH X 3" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS IN BOTTOM FLANGE 10' FROM BENT 6	
3348	Maintain Concrete Substructure Components	LF	2	End Bent 1 Cap 1: PAR SPALL 16" X UP TO 12" X UP TO 1" DEEP UNDER LEFT OVERHANG WITH EXPOSED REBAR 5 " LONG	
3348	Maintain Concrete Substructure Components	LF	2	Bent 4 Cap 1: PAR 36" HIGH X 16" WIDE X 2.5" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS	
3348	Maintain Concrete Substructure Components	LF	1	Bent 5 Cap 1: PAR 8" LONG X 15" HIGH X 1" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS ON WEST FACE AT PILE 8	
3352	Maint Slope Protection	SF	10	PAR 10' X 5" HIGH X 9" DEEP WASHOUT AND UNDERMINING OF THE SLOPE PROTECTION AT ABUTMENT 2	



Bridge: 770125 County ROBESON

MMS Code	MMS Descrip	Quantity					
3306	Maintain Concrete Superstructure Components			12	SF		
Location:							
		Bent/Span No.					
Priority Leve	I	Status					
Priority Main	tenance	Division Bridge Maintenance Notification					
Submitted Da	ate: Submitte	d By:	Assisted By:				
04/22/2022	Tanner	Hartley					
Details							
OF DELAMII	Span 2 Beam 1: PAR 12' LONG X FULL WIDTH OF BOTTOM FLANGE EXTENDING 3" ON BOTH FACES AREA OF DELAMINATION WITH 2' LONG X FULL WIDTH X 3" DEEP SPALL WITH EXPOSED REBAR WITH MINIOR SECTION LOSS STARTING 2' FROM BENT 1						

MMS Code	MN	MMS Description				
3306	Mai	ntain Cond	crete Superstructure Components		2	SF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Priority Mair	ntenan	ice	Division Bridge Maintenance Notification			
Submitted D	Date:	Submitte	d By:	Assisted By:		
04/22/2022		Tanner	Hartley			
Details						
			ONG X UP TO 1' HIGH X 3" DEEP FACE OF WEB AT BENT 4	SPALL WITH EXPOSED REBAR W	ITH MINOR	

Bridge: 770125 County ROBESON

MMS Code	MMS Descri	Quantity				
3306	Maintain Con	crete Superstructure Components		5	SF	
Location:						
		Bent/Span No.				
Priority Level	I	Status				
Priority Maint	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
04/22/2022	Tanner	Hartley				
Details						
Span 1 Beam 5: PAR 9' FROM BENT 1, BOTTOM OF BEAM BOTH SIDES, SPALL AND DELAMINATION 5' LONG X 6" HIGH X 3" DEEP WITH EXPOSED REBAR WITH NO MEASURABLE SECTION LOSS						

MMS Code	MMS Description							
3306	Maintain Co	ncrete Superstructure Components		2	SF			
Location:								
		Bent/Span No.						
Priority Level		Status						
Priority Mainte	enance	Division Bridge Maintenance Noti	fication					
Submitted Da	te: Submit	ed By:	Assisted By:					
04/22/2022	Tanne	r Hartley						
Details								
	Span 6 Beam 1: PAR 20" LONG X 12" WIDE X 1" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS AND 10" DIA. AREA OF DELAMINATION BELOW SPALL, IN RIGHT FACE AT DIAPHRAGM							

Bridge: 770125 County ROBESON

MMS Code	MMS Description					
3306	Maintain Concrete Superstructure Components			2	SF	
Location:						
		Bent/Span No.				
Priority Level		Status				
Priority Maint	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	d By:	Assisted By:			
04/22/2022	Tanner	Hartley				
Details						
Span 6 Beam 5: PAR 20" LONG X FULL WIDTH X 3" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS IN BOTTOM FLANGE 10' FROM BENT 6						

MMS Code	MMS Description				Quantity		
3348	Maii	ntain Cond	crete Substructure Components		2	LF	
Location:							
			Bent/Span No.				
Priority Leve	1		Status	Status			
Priority Main	tenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
04/22/2022		Tanner	Hartley				
Details							
	End Bent 1 Cap 1: PAR SPALL 16" X UP TO 12" X UP TO 1" DEEP UNDER LEFT OVERHANG WITH EXPOSED REBAR 5 " LONG						

Bridge: 770125 County ROBESON

MMS Code	MMS Description					
3348	Maintain Con	crete Substructure Components		2	LF	
Location:						
		Bent/Span No.				
Priority Level		Status				
Priority Maint	enance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submitte	ed By:	Assisted By:			
04/22/2022	Tanner	Hartley				
Details						
Bent 4 Cap 1: PAR 36" HIGH X 16" WIDE X 2.5" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS						

MMS Code	MMS Description				Quantity		
3348	Mai	ntain Cond	crete Substructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status	Status			
Priority Main	itenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
04/22/2022		Tanner	Hartley				
Details							
	Bent 5 Cap 1: PAR 8" LONG X 15" HIGH X 1" DEEP SPALL WITH EXPOSED REBAR WITH MINOR SECTION LOSS ON WEST FACE AT PILE 8						

Bridge: 770125 County ROBESON

MMS Code	MMS Des	MMS Description						
3352	Maint Slop	e Protection			10	SF		
Location:	Location:							
		Bent/Spar	n No.					
Priority Leve	el	Status						
Priority Main	itenance	Division Bridge I	Division Bridge Maintenance Notification					
Submitted D	ate: Subm	itted By:		Assisted By:				
04/28/2022	Tanr	er Hartley						
Details								
PAR 10' X	(5" HIGH X 9	" DEEP WASHOUT	AND UNDERMIN	IING OF THE SLOPE PROTECTION	I AT ABUTN	ЛЕNT 2		

Bridge Inspection Field Sketch sidewalk curb and gutter (W. 2ND STREET) curb and gutter MEASUREMENTS TAKEN 30 FEET WEST OF BRIDGE Roadway 24ft Wide 2 Paved Lanes Looking East Left Shoulder 6ft Wide 2.5ft Paved 3.5ft Unpaved

Roadway	24ft Wide	2 Paved Lanes	Looking East
Left Shoulder	6ft Wide	2.5ft Paved	3.5ft Unpaved
Right Shoulder	7.5ft Wide	2.5ft Paved	5ft Unpaved
Left Guardrail			
Right Guardrail			

MEASUREMENTS VERIFIED BY TBH...4/22/2022

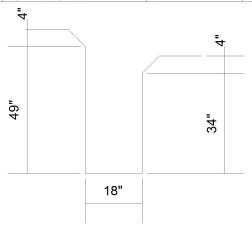
Title		Description					
APPROACH ROADWAY		LOOKING EAST					
Bridge No: 770125	Drawn By: RJH		Date: 07/02/2006	File Name:S0256000020			

Bridge Inspection Field Sketch



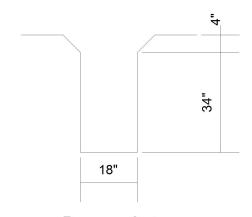
Measurements for Span #	1	ALL SPANS ARE SIMILAR	
Deck Thickness	0.625	Left Overhang	6.25
Top of Rail to Bottom of Beam	8.125	Right Overhang	6.25

Beam Number	Beam Type	Spacing	Comments
1	RC Deck Girder	7ft	
2	RC Deck Girder	7ft	
3	RC Deck Girder	7ft	
4	RC Deck Girder	7ft	
5	RC Deck Girder	ft	



Beams 1, 5

E.BTS RC CAP/PPC PILES

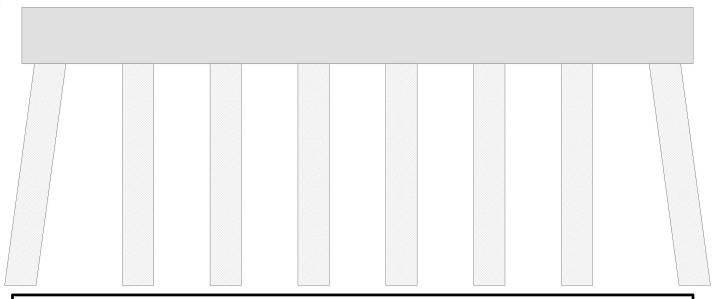


Beams 2-4

MEASUREMENTS VERIFIED BY TBH...4/22/2022

Title		Description					
SUPERSTRUCTURE		SIMILAR SECTION					
Bridge No: 770125	Drawn By: RLK		Date: 4/21/2014	File Name: \$0256000021			

Bridge Inspection Field Sketch



Cap Information Material Cast-in-Place Concrete												
Lengt	h Width	Height	Left Over	hang	Right Overhang		Left Beam to End of Cap.		Right Beam to End of Cap.		d of Cap.	
35.667	ft. 3.000	ft. 3.000 ft.	1.500	ft.	1.500 ft. 3.83		3.83 ft.		3	3.83 ft.		
Subcap Information Material												
Lengt	h Width	Height	Left Over	hang	Right Overh	ang	Left Pi	Left Pile to Splice.				
Sill Info	ormation		Material									
Lengt	h Width	Height										
Pile#	Material	Spacing	Width/Dia.	Height	Length	Orientation		Driven?	Replacem	ent?	Removed?	Collar?
1	Concrete	4.667 ft.	1.667 ft.		1.667 ft.	Battered		No	No		No	No
2	Concrete	4.667 ft.	1.667 ft.		1.667 ft.	Vertical		No	No		No	No
3	Concrete	4.667 ft.	1.667 ft.		1.667 ft.	t. Vertical		No	No		No	No
4	Concrete	4.667 ft.	1.667 ft.		1.667 ft.	Vertical		No	No		No	No
5	Concrete	4.667 ft.	1.667 ft.		1.667 ft.	Vertical		No	No		No	No
6	Concrete	4.667 ft.	1.667 ft.		1.667 ft.	Vertical		No	No		No	No
7	Concrete	4.667 ft.	1.667 ft.		1.667 ft.	Vertical		No	No		No	No
8	Concrete		1.667 ft.		1.667 ft.	Batt	ered	No	No		No	No

MEASUREMENTS VERIFIED BY TBH...4/22/2022

Bent/Abutment #: 1 Similar Bents: 2-5

TitleDescriptionSUBSTRUCTURESIMILAR BENTS

Bridge No: 770125 Drawn By: RLK Date: 4/21/2014 File Name: \$0256000022

