D S	C DEPARTI IVISION OF TRUCTURE	MENT OF TRANSPORTATION A HIGHWAYS	TTENTION: PAR SUBMIT SIGN NOTICI CHANGES TO	TED E ISSUED O STRUCTURE DATA	
		Structure S	Safety Repor	t	
		Routine Element I	nspection - Contr	act	
		INSPECTION DA	ATE: 08/10/2021		
DIVISION : 5	COUNTY:	WAKE STRUC	TURE NUMBER: 910126	FREQUENCY:	24 MONTHS
FACILITY CARRIED:	SR2044				
LOCATION: 1.2 MI.S	S.US1A				
FEATURE INTERSEC	TED: SMI	THS CREEK			
LATITUDE: 35° 55'	44.53"	LONGITUDE:	78° 31' 39.86"		
SUPERSTRUCTURE	:				
SPANS: 4 SPANS	S. SEE SPA	AN PROFILE SHEET FOR SPAN D	ETAILS		
FRACTURE CRI	TICAL	TEMPORARY SHORING	SCOUR CRITICAL	SCOUR PLAN OF	ACTION
GRADES: (Inspector,	NBI Coding)	DECK 5/5 SUPERSTRUCTU	RE <u>3/3</u> SUBSTRU	CTURE 3/3 CUL	VERT N/N
POSTED SV: 18			POSTED TTST: 23		

OTHER SIGNS PRESENT: (4) DELINEATORS

			Sign noticed issued for			Number Required
			NO	WEIGHT LI	МІТ	0
and the second second	Common .		NO	DELINEATO	DRS	0
A ALANDON			YES	NARROW BR	IDGE	2
			NO	ONE LANE BR	IDGE	0
	//		NO	LOW CLEARA	NCE	0
			DIREC INSPI DIRE MATCHI	TION OF ECTION CTION ES PLANS	S-N	
south approach, looking north						
INSPECTED BY MICHAEL MEYER	SIGNATURE	which	ASSISTED BY	SANYAM GUI	RME	

BRIDGE I & A FORM 1(97) AA

SHEET LAA

BRIDGE INSPECTION RECORD AND SUMMARY FOR SHORED STRUCTURES

BRIDGE # 9/0/26 COUNTY WAKE DATE 07/27/00

THE FOLLOWING S. I. & A. ITEMS ARE TO BE CODED TO REFLECT THE FACT THAT THE STRUCTURE IS SHORED UP:

SI & A ITEM 103 - TEMPORARY STRUCTU	RE DESIGNATION	<u>Code</u>	BY JEJ
SI & A ITEM 59 - SUPERSTRUCTURE			
SI & A ITEM 60 - SUBSTRUCTURE		3	Th
SI & A ITEM 64 - OPERATING RATING	HS 0. 0 BY	cro)	VPP
SI & A ITEM 64 - INVENTORY RATING	HS 0. 0 BY	cr 01	VPP

COMME crutch Bent added at each side of #1, 2 and 3. RETAIN TEMP - TMS 04/13/16 Coheel kats

NATIONAL BRIDGE INVENTROY ----- STRUCTURE INVENTORY AND APPRAISAL

09/29/2021

11.46

		······	00/20/202
(1) STATE NAME NORTH CAROLINA BRIDGE	910126	SUFFICIENCY RATING	11.46
(8) STRUCTURE NUMBER (FEDERAL) 1	830126	STATUS = Structurally	Deficient
(5) INVENTORY ROUTE (ON/UNDER) ON 131	020440	CLASSIFICATION	CODE
(2) STATE HIGHWAY DEPARTMENT DISTRICT	5	(112) NBIS BRIDGE SYSTEM	YES
(3) COUNTY CODE (FEDERAL) 183 (4) PLACE CODE	70540	(104) HIGHWAY SYSTEM Inventory Route not on NHS	0
(7) FACILITY CARRIED SR2044		(26) FUNCTIONAL CLASS Urban Collector	17
(9) LOCATION 1.2 MI.S.US1A		(100) STRAHNET HIGHWAY Not a STRAHNET Route	C
(11) MILEPOINT	0.0	(101) PARALLEL STRUCTURE No parallel structure exists	N
(12) BASE HIGHWAY NETWORK	0	(102) DIRECTION OF TRAFFIC 2-way traffic	2
(13) LRS INVENTORY ROUTE & SUBROUTE		(103) TEMPORARY STRUCTURE Temporary Structure or Conditions	- T
(16) LATITUDE 35° 55' 44.53 " (17) LONGITUDE 78° 31	' 39.86"		
(98) BORDER BRIDGE STATE CODE PERCENT SHARED		(110) DESIGNATED NATIONAL NETWORK - On national network for trucks	
		(20) TOLL On Free Road	3
STRUCTURE TYPE AND MATERIAL		(21) MAINT -	01
(43) STRUCTURE TYPE MAIN Prestressed C	oncrete	(22) OWNER -	01
TYPE Channel beam CODE	522	(37) HISTORICAL SIGNIFICANCE -	5
(44) STRUCTURE TYPE APPROACH		CONDITION	CODE
TYPE CODE		(58) DECK	5
(45) NUMBER OF SPANS IN MAIN UNIT	4	(59) SUPERSTRUCTURE	3
(46) NUMBER OF SPANS IN APPROACH	0	(60) SUBSTRUCTURE	3
(107) DECK STRUCTURE TYPE CODE	2	(61) CHANNEL & CHANNEL PROTECTION	6
(108)WEARING SURFACE/PROTECTIVE SYSTEM		(62) CULVERTS	N
(A) TYPE OF WEARING SURFACE CODE	6	LOAD RATING AND POSTING	CODE
(B) TYPE OF MEMBRANE CODE	0	(31) DESIGN LOAD HS 15	3
(C) TYPE OF DECK PROTECTION CODE	0	(63) OPERATING RATING METHOD - Load Factor	1
		(64) OPERATING RATING - HS-16	29
(27) YEAR BUILT	1967	(65) INVENTORY RATING METHOD -	1
(106) YEAR RECONSTRUCTED	0	(66) INVENTORY RATING HS-9	16
	liahway	(70) BRIDGE POSTING Posting Required	
	1911Way		
	15	(41) STRUCTURE OPEN, POSTED, OR CLOSED	F
(20) AVERAGE DAILY TRAFFIC	2000	DESCRIPTION Posted for Load	
	2000		CODE
(30) YEAR OF ADI 2017 (109) TRUCK ADT PCT	1		3
	6.0	(68) DECK GEOMETRY	4
		(69) UNDERCLEARANCES, VERT & HORIZ	N
(48) LENGTH OF MAXIMUM SPAN	29.0	(71) WATERWAY ADEQUACY	3
(50) CURB OR SIDEWALK: LEFT 0.4 RIGHT	0.4	(72) APPROACH ROADWAY ALIGNMENT	4
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB	24.1	(36) TRAFFIC SAFETY FEATURES	0000
(52) DECK WIDTH OUT TO OUT	25.5	(113) SCOUR CRITICAL BRIDGES	8
(32) APPROACH ROADWAY WITH (W/ SHOULDERS)	26.0	PROPOSED IMPROVEMENTS	
(33) BRIDGE MEDIAN No median CODE	0	(75) TYPE OF WORK CODE	E
(34) SKEW U (35) STRUCTURE FLARED (10) INIVENTORY ROLITE MINIVERT CLEAR	U 0 000	(76) LENGTH OF STRUCTURE IMPROVEMENT	
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	24.1	(94) BRIDGE IMPROVEMENT COST	
(53) MIN VERT CLEAR OVER BRIDGE RDWY	999.9	(95) ROADWAY IMPROVEMENT COST	
(54) MIN VERT UNDERCLEAR: REFERENCE	0.0	(96) TOTAL PROJECT COST	
(55) MIN LAT UNDERCLEARANCE RT: REFERENCE N	0.0	(97) YEAR OF IMPROVEMENT COST ESTIMATE	
(56) MIN LAT UNDERCLEARANCE LT:	0.0	(114) FUTURE ADT 4.000 YEAR OF FUTURE ADT	2040
NAVIGATION DATA		INSPECTION	
(38) NAVIGATION CONTROL - CODE	0	(90) INSPECTION DATE 08/21 (91) FREQUENCY	24
(111) PIER PROTECTION CODE		(92) CRITICAL FEATURE INSPECTION (93) CFI DAT	E
(39) NAVIGATION VERTICAL CLEARANCE	0.0	A) FRACTURE CRIT DETAIL A)	
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR	0.0	B) UNDERWATER INSP B)	
(40) NAVIGATION HORIZONTAL CLEARANCE	0.0	C) OTHER SPECIAL INSP C)	
· · · · · · · · · · · · · · · · · · ·		SCOUR	

Superstructure Build Details

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	733	Square Feet		
10	Prestressed Concrete Channel	Prestressed Concrete Top Flange	780	Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	62	Feet	Galvanized Protective System	98
10	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	310	Feet		
Span Nu	imber <u>2</u> Span	Length <u>30.0000</u>		Sk	ew 90.0000	

Number Quantity of Items (Sq Ft) Quantity **Protective System Applied Type of Component Element Name** 10 Prestressed Concrete Channel Prestressed Concrete Open 300 Feet Girder/Beam 10 Prestressed Concrete Channel Prestressed Concrete Top 770 Square Feet Flange 2 Concrete and Metal Railing Other Bridge Railing 60 Feet Galvanized Protective System 96 1 Asphalt Wearing Surface Wearing Surface 723 Square Feet Span Number 3 Span Length 30.0000 Skew 90.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)	
2	Concrete and Metal Railing	Other Bridge Railing	60	Feet	Galvanized Protective System	96	
10	Prestressed Concrete Channel	Prestressed Concrete Top Flange	770	Square Feet			
1	Asphalt Wearing Surface	Wearing Surface	723	Square Feet			
10	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	300	Feet			
Span Nu	Span Number <u>4</u> Span Length <u>30.4170</u> Skew 90.0000						

Number						Quantity
of Items	Type of Component	Element Name		Quantity	Protective System Applied	(Sq Ft)
10	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	310	Feet		
2	Concrete and Metal Railing	Other Bridge Railing	62	Feet	Galvanized Protective System	80
1	Asphalt Wearing Surface	Wearing Surface	733	Square Feet		
10	Prestressed Concrete Channel	Prestressed Concrete Top Flange	780	Square Feet		

Span Length 30.4170

Span Number 1

Skew 90.0000

Superstructure Build Details

Structure Element Scoring

Structure Number: 910126

Inspection Date 8/10/2021

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
15	0	Prestressed Concrete Top Flange	Beam	3100	3098	1	1	0
109	0	Prestressed Concrete Open Girder/Beam	Beam	1220	1003	47	98	72
216	0	Timber Abutment	Abutments	72	0	49	23	0
225	0	Steel Pile	Piles and Columns	13	1	12	0	0
515	225	Steel Protective Coating	Piles and Columns	216	132	0	84	0
228	0	Timber Pile	Piles and Columns	28	18	6	4	0
231	0	Steel Pier Cap	Caps	204	65	139	0	0
515	231	Steel Protective Coating	Caps	1902	1425	321	0	156
233	0	Prestressed Concrete Pier Cap	Caps	130	118	11	1	0
333	0	Other Bridge Railing	Bridge Rail	244	0	224	19	1
515	333	Steel Protective Coating	Bridge Rail	370	0	0	0	370
510	0	Wearing Surface	Wearing Surfaces	2912	2191	0	721	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 910126

Inspection Date: 08/10/2021

			·
MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Prestressed Concrete Top Flange	Delamination/Spall	1 Square Feet
3306	Prestressed Concrete Open Girder/Bear	Delamination/Spall	174 Feet
3306	Prestressed Concrete Open Girder/Bear	Exposed Prestressing	38 Feet
3306	Prestressed Concrete Open Girder/Bear	Cracking (PSC)	7 Feet
3306	Prestressed Concrete Open Girder/Bear	Patched Area	2 Feet
3346	Timber Abutment	Scour	10 Feet
3346	Timber Abutment	Decay/Section Loss	13 Feet
3346	Timber Abutment	Check/Shake	49 Feet
3344	Timber Pile	Decay/Section Loss	4 Each
3344	Timber Pile	Scour	1 Each
3344	Timber Pile	Check/Shake	7 Each
3348	Prestressed Concrete Pier Cap	Delamination/Spall	1 Feet
3348	Prestressed Concrete Pier Cap	Cracking (PSC)	11 Feet
3318	Other Bridge Railing	Connection	1 Feet
3318	Other Bridge Railing	Damage	11 Feet
3318	Other Bridge Railing	Delamination/Spall	19 Feet
2816	Wearing Surface	Patched Area/Pothole (Wearing Surface)	22 Square Feet
2816	Wearing Surface	Crack (Wearing Surface)	699 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	370 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	561 Square Feet

Element Structure Maintenance Quantities

Structure Number: 9	<u>10126</u>				Ir	nspection D)ate <u>08/10/</u>	2021
Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3346	Maintenance of Timber Bulkheads or Wingwalls	72	72	0	23	49	0
Beam	3306	Maintenance Concrete Superstructure Components	221	1220	72	98	47	1003
Beam	3326	Maintenance of Concrete Deck	aintenance of Concrete Deck 1 3100				1	3098
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	244	1	19	224	0	
Bridge Rail	3342	Clean and Paint Steel	370	370	370	0	0	0
Caps	3342	Clean and Paint Steel	477	1902	156	0	321	1425
Caps	3348	Maintenance of Concrete Substructure	12	130	0	1	11	118
Caps	3354	Maintenance of Steel Substructure Components	0	204	0	0	139	65
Piles and Columns	3342	Clean and Paint Steel	84	216	0	84	0	132
Piles and Columns	3344	Maintenance To Timber Substrcutre	12	28	0	4	6	18
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	13	0	0	12	1
Wearing Surfaces	2816	phalt Surface Repair 721 2912		2912	0	721	0	2191

Structure Number	910126	_	
Span1			
3306 \$	Slab 1	Prestressed Co	oncrete Channel
Priority Level	Defect Type	Quantity	Defect Description
2 [Delamination/Spall	1	Span 1 Slab 1: (PAR) left and right leg at bent 1, four [4] spalls/delaminations [up to 12in x 5in x 1in deep] with loss of bearing area
3306 5	Slab 2	Prestressed Co	oncrete Channel
Priority Level	Defect Type	Quantity	Defect Description
<mark>2</mark> [Delamination/Spall	2	Span 1 Slab 2: (PAR) left and right leg at bent 1, three [3] spalls/delaminations [up to 10in x 6in x 1in deep] channel legs crushing and bottom of channel legs sits below
<mark>2</mark> E	Exposed Prestressing	2	Span 1 Slab 2: [PAR] left leg near midspan, spall [16in x 5in x full width] with exposed strand that exhibits section loss [up to 25%]
3306 5	Slab 3	Prestressed Co	oncrete Channel
Priority Level	Defect Type	Quantity	Defect Description
2 [Delamination/Spall	2	Span 1 Slab 3: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 6in x 1in deep] with exposed strand, channel legs crushing and bottom of channel legs sits below top of crutch bent cap
3306 \$	Slab 4	Prestressed Co	oncrete Channel
Priority Level	Defect Type	Quantity	Defect Description
<mark>2</mark> F	Patched Area	1	Span 1 Slab 4: (PAR) right leg at bent 1, spalled patched area [12in x full width x 5in high] with exposed strands
3306 5	Slab 5	Prestressed Co	oncrete Channel
Priority Level	Defect Type	Quantity	Defect Description
<mark>2</mark> E	Exposed Prestressing	4	Span 1 Slab 5: (PAR) right leg at midspan, spall (40in x 3in deep) with exposed strand (25% section loss)
3306 5	Slab 10	Prestressed Co	oncrete Channel
Priority Level	Defect Type	Quantity	Defect Description
2 [Delamination/Spall	11	Span 1 Slab 10: [PAR] left leg at midspan, spall/delamination, [11ft x full width of leg x 11in high] with four [4] exposed prestressed strands, three [3] of the exposed strands have failed with remaining one [1] strand exhibiting section loss [up to 40%]
Span2			
3306 \$	Slab 2	Prestressed Co	oncrete Channel
? Priority Action	n Request (PAR)	Assigned Routine	Maintenance 2 Assigned Priority Maintenance 3 Assigned Critical Find

Structure Nur	nber 910126		
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	3	Span 2 Slab 2: [PAR] left and right leg at bent 2, two [2] spalls/delaminations [up to 36in x 6in x full width], with two [2] exposed stirrups [no section loss noted] and exposed strand [section loss up to 20%]
3306	Slab 5	Prestressed Co	oncrete Channel
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 2 Slab 5: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 8in x up to full width], with exposed stirrup [no section loss noted] channel legs crushing and bottom of channel legs sits below top of crutch bent cap
3306	Slab 7	Prestressed Co	oncrete Channel
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	3	Span 2 Slab 7: [PAR] left leg near midspan, spall/delamination [30in x 4in x full width], with exposed strand [section loss up to 30%]
3306	Slab 9	Prestressed Co	oncrete Channel
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	6	Span 2 Slab 9: [PAR] right leg 12ft from bent 1, spall/delamination [6ft x 3in x full width] with exposed strand (25% section loss)
2	Delamination/Spall	5	Span 2 Slab 9: [PAR] right leg at bent 1, spall/delamination [52in x 8in x up to full width] with one exposed strand (50% section loss on strand)
Span3			
3306	Slab 2	Prestressed C	oncrete Channel
Priority Level	Defect Type	Quantity	Defect Description
	Eveneed Breetropping	6	Span 2 Slah 2: [DAD] left lag at hant 2 anall [Stry full width y Fin] with avpaged

Level	Delect Type	Quantity	Delect Description
2	Exposed Prestressing	6	Span 3 Slab 2: [PAR] left leg at bent 3, spall [6ft x full width x 5in], with exposed strand (40% section loss)
2	Exposed Prestressing	2	Span 3 Slab 2: (PAR) right leg at midspan, spall (20in x 5in x3/4in)
3306	Slab 5	Prestressed Co	oncrete Channel
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 3 Slab 5: (PAR) right leg at bent 3, spall [6in x 4in x full width], with exposed strand
3306	Slab 6	Prestressed Co	oncrete Channel
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	2	Span 3 Slab 6: [PAR] left leg at far third, spall [2ft x 5in] with exposed strand
? Priority A	ction Request (PAR)	Assigned Routine	Maintenance 2 Assigned Priority Maintenance 3 Assigned Critical Find

Structure Number 910126

Span4

3318	Left Bridge Rail	Concrete and I	Metal Railing
Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 4 Left Bridge Rail: [PAR] rail post 6 is missing
2	Delamination/Spall	9	Span 4 Left Bridge Rail: (PAR) at rail posts 3,4 & 5, delamination/spall [up to 3ft x 11in x 3in deep] allowing excessive deflection of rail
3306	Slab 4	Prestressed Co	oncrete Channel
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 4 Slab 4: (PAR) at far end of both legs, three [3] spalls/delaminations [6in x 6in x 1-1/2in deep] with one exposed strand [section loss up to 10%]
3306	Slab 8	Prestressed Co	oncrete Channel
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 4 Slab 8: (PAR) left leg at far third, spall/delamination [36in x 3in x 2in deep] with exposed rusted strand
2	Exposed Prestressing	4	Span 4 Slab 8: [PAR] right leg at far third, spall [4ft x 3in x full width] with exposed strand
3306	Slab 10	Prestressed Co	oncrete Channel
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Prestressing	20	Span 4 Slab 10: [PAR] 5 TOTAL AREAS OF AREAS IN LEFT LEG OF FULL WIDTH X UP TO 6" HIGH SPALLS WITH EXPOSED STRANDS FOR 20' TOTAL (20% SECTION LOSS) (PHOTO 4 OF 4)
Bent 1			
3346	Abutment	Timber Abutme	ent
Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	10	End Bent 1 Abutment: [PAR] between piles 3 and 5 second bulkhead board below cap, decay [10ft x up to full height x full width] with fill exposed
3344	Pile 1	Timber Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	1	End Bent 1 Pile 1: (PAR) along height of exposed pile, multiple checks [full height x up to 1/8in], pile sounds hollow when hammered

tructure Num	ber 910126		
3344	Pile 3	Timber Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	1	End Bent 1 Pile 3: (PAR) at base of pile, multiple checks [full height x up to 1/4in wide x up to 2in deep], decay [14in x 10in x 3in deep]
3344	Pile 5	Timber Pile	
Priority Level	Defect Type	Quantity	Defect Description
-			

Bent 2

3346	Abutment	Timber Abutme	nt
Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	3	End Bent 2 Abutment: [PAR] between piles 1 and 2, lower board decay [3ft x 4in x full width] with exposed/missing backfill material

Other Ground **Mounted Signs**

3250	Other Ground Mounted Signs	Other Ground	Mounted Signs
Priority Level	Defect Type	Quantity	Defect Description
2		2	(PAR) clear roadway of bridge between 18ft-25ft; approach roadway (25.6ft) wider than clear roadway of bridge (24.083ft)
2		2	(PAR) northeast delineator covered by vegetation (southwest delineator similar)
2		1	(PAR) southeast corner of bridge adjacent to roadway, erosion hole (3ft long x 2.5ft wide x up to 4ft deep) up to 1ft of undermining of roadway

Element Condition and Maintenance Data

tructure	Number: <u>910126</u>					In	spection Date: 08/10/2021
Spa	in 1	Wearing Surfa	ace				
Asp	halt Wearing Surfa	ace					
Eleı Nur	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing	Surface	733	557	0	176	0 Square Feet
Elemen Numbe	nt Pr Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty
510	Crack (Wearing Surface)	along edges of channels, (5) longitu x 1/16in)	dinal cracks (fu	III length	3	150	150 Square Feet
510	Crack (Wearing Surface)	over end bent 1, transverse crack (f	ull width x up to	o 1/8in)	3	24	24 Square Feet
510	Patched Area/Pothole (Wearing Surface)	e northbound lane at bent 1, pothole (1/2in deep)	6in x 20in x up	to 1-	3	2	2 Square Feet
	General Comments	.,					
Spa	in 1	Left Bridge Ra	ail				
Con	crete and Metal R	ailing					
Elei	ment	Element Name	Total	CS1	CS2	CS3	CS4
333	Other Bri	idge Railing	31	0	Qty 31	0 0	0 Feet
515	Steel Pro	otective Coating	49	0	0	0	49 Square Feet
Elemen Numbe	nt Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty
333	Corrosion	along length of rail, active corrosior noted	with no section	n loss	2	25	Feet
333	Cracking (RC and Other)	along length of curb, multiple vertic some wrap around to top face	al cracks [6in x	0.02in]	2	6	Feet
515	Effectiveness (Steel Protective Coatings)	coating failure with active corrosion			4	49	49 Square Feet
	General Comments						
_							
Spa	in 1	Right Bridge	Rail				

Concrete and Metal Railing

Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bri	dge Railing	31	0	23	8	0 F	eet
515	Steel Pro	tective Coating	49	0	0	0	49 S	quare Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
333	Delamination/Spall	at rail post 1, spall [2ft x 10in x 3in deep]			3	2	2	Feet
333	Delamination/Spall	at rail post 2, spall [3ft x 10in x 3in deep]			3	3	3	Feet
333	Delamination/Spall	at rail post 4, spall [3ft x 10in x 3in deep]			3	3	3	Feet
333	Corrosion	along length of rail, active corrosion with noted	n no section	loss	2	16		Feet
333	Cracking (RC and Other)	along length of curb, multiple vertical cra some wrap around to top face	acks [6in x 0	.02in]	2	2		Feet
333	Patched Area	at rail post 3 outside face of concrete cu (5ft x full height)	rb, patched a	area	2	5		Feet
515	Effectiveness (Steel Protective Coatings)	coating failure with active corrosion			4	49	49	Square Feet
Ī	General Comments							

Span 1

Prestressed Concrete Channel

Elerr Num	lent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	31	25	5	0	1	Feet
Element Number	Defect Type	Defect Type Defect Descript			CS	CS Qty	Maint Qty	
109	Delamination/Spall	on/Spall (PAR) left and right leg at bent 1, four [4] spalls/delaminations [up to 12in x 5in x 1in deep] with loss of bearing area			4	1		1 Feet
109	Delamination/Spall	exterior face at far end, spall [5.5in x 1.	5in]		3			1 Feet
109	Delamination/Spall	left and right leg near midspan, multipl spalls/delaminations [up to 5in x 4in x exposed stirrups [no section loss note	e 3/4in deep] w d]	vith two	2	4		4 Feet
109	Delamination/Spall	right leg at near end, spall [3in x 3in x 3 rusted reinforcing [no loss noted]	3/4in] with ex	posed	2	1		1 Feet
ī	General Comments							

West face at grout pocket 3, missing grout with exposed tendon with surface rust [no section loss noted]

Spar	n 1	Slab 2						
Pres	tressed Concrete	e Channel						
Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	31	22	5	0	4	Feet
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	(PAR) left and right leg at bent 1, three spalls/delaminations [up to 10in x 6in legs crushing and bottom of channel crutch bent cap	e [3] x 1in deep] ch legs sits belov	nannel w top of	4	2		2 Feet
109	Exposed Prestressing	posed [PAR] left leg near midspan, spall [16in x 5in x full width] estressing with exposed strand that exhibits section loss [up to 25%]		vidth] o 25%]	4	2		2 Feet
109	Delamination/Spall	lamination/Spall left leg at far third, four [4] spalls/delaminations [up to 6in x 3in x 3/4in deep] with four [4] exposed stirrups [no section loss noted]		2	4		4 Feet	
109	Delamination/Spall	right leg at near end, spall [3in x 3in x rusted reinforcing [no loss noted]	3/4in] with ex	posed	2	1		1 Feet

General Comments

Span 1

Slab 3

Elen Num	nent iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	o = .
15	Prestres	ssed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestres	ssed Concrete Open Girder/Beam	31	22	7	0	2	Feet
Element Number	t Defect Type	Defect Description	Defect Description			CS Qty	Maint Qty	
109	Delamination/Spall	(PAR) left and right leg at bent 1, two 6in x 1in deep] with exposed strand, o and bottom of channel legs sits below cap	AR) left and right leg at bent 1, two [2] spalls [up to 12in x x 1in deep] with exposed strand, channel legs crushing d bottom of channel legs sits below top of crutch bent			2		2 Feet
109	Delamination/Spall	left and right leg at far half, multiple s [up to 6in x 4in x 1/2in deep] with six ends [no section loss noted]	palls/delamina [6] exposed st	ations irrup	2	5		5 Feet

Structure	Number: <u>910126</u>			Inspec	tion Date: 08/10/2021	
109	Delamination/Spall	right leg at end bent 1, two [2] spalls [up to 6in x 4in x 1/2in deep] with exposed stirrup [no section loss noted]	2	1	1 Feet	
109	Delamination/Spall	right leg at near end, three [3] spalls [6in x 4in x 1in] with exposed rusted reinforcing [no loss noted]	2	1	1 Feet	
	General Comments					

CS4 Qty

0 Square Feet

2 Feet

1 Feet

1 Feet

1 Feet

0 Feet

Spa	n 1	Slap 4					
Pres	stressed Concrete	e Channel					
Elen Num	nent nber Prestres	Element Name	Total C Qty	CS1 Qty 78	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestres	ssed Concrete Open Girder/Beam	31	28	2	1	0
Elemen Number	t r Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty
109	Delamination/Spall	left leg at bent 1, two [2] spalls [up to	o 12in x 4in x 1in de	ep]	3		-
109	Patched Area	tched Area (PAR) right leg at bent 1, spalled patched area [12in x full width x 5in high] with exposed strands			3	1	
109	Delamination/Spall	left leg near midspan, delamination [stirrup end [no section loss noted]	[6in x 2in] with expo	osed	2	1	
109	Delamination/Spall	underside at far third, spall [3in x 3in	n x 1/2in] with expos	sed	2	1	

underside at far third, spall [3in x 3in x 1/2in] with exposed rebar [no section loss noted] Delamination/Spall 2 1 **General Comments**

Span 1

Slab 5

Prestressed Concrete Channel

Elen Nurr	nent 1ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	ssed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestres	ssed Concrete Open Girder/Beam	31	20	0	7	4	Feet
Element Number	t Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
109	Exposed Prestressing	(PAR) right leg at midspan, spall (40in exposed strand (25% section loss)	n x 3in deep) w	ith	4	4	2	Feet
109	Delamination/Spall	lamination/Spall left and right legs at far end, four [4] spalls/delaminations [up to 9in x 4in x 1/4in]		3	1		I Feet	
109	Delamination/Spall	right leg at middle third, six spalls/de x 4in x 1/2in deep]	laminations [u	p to 8in	3	6	6	6 Feet
(General Comments							

Span 1

Slab 6

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
15	Prestressed Concrete Top Flange	78	76	1	1	0 Square Feet
109	Prestressed Concrete Open Girder/Beam	31	27	2	2	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
15	Delamination/Spall	underside at near third, honeycomb [12in x 12in x up to 2in deep]	3	1	1	Square Feet
15	Patched Area	underside near midspan, sound patch (12in diameter)	2	1		Square Feet
109	Delamination/Spall	right leg at end bent 1, spall [20in x 6in x 1/2in deep] with two [2] exposed stirrups [no section loss noted]	3	2	3	Feet
109	Delamination/Spall	left leg 7ft from bent 1, spall [4in x 4in x 1/4in deep] with exposed stirrup that exhibits surface corrosion [no section loss noted]	2	1	1	Feet

109 Delamination/Spall left leg at far end, spall [3in x 4in x 1/4in deep]

Inspection Date: 08/10/2021 1 1 Feet

2

General Comments

		laft and sight law at fay and three [2]	analla/dalamin	otion	2	2		2 East
Element Number	Defect Type	Defect Description		CS	CS Qty	Maint Qty		
109	Prestres	sed Concrete Open Girder/Beam	31	28	0	3	0	Feet
15	Prestres	sed Concrete Top Flange	78	78	0	0	0	Square Feet
Eleme Numb	ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Prest	tressed Concrete	e Channel						
Span	1	Slab 7						

General Comments

Spar	n 1	Slab 8						
Pres	tressed Concret	e Channel						
Elem Num	ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestre	ssed Concrete Top Flange	78	78	0	0	0 Square Fee	t
109	Prestre	ssed Concrete Open Girder/Beam	31	30	0	1	0 Feet	
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
109	Patched Area	right leg at far end, one [1] unsound	patch [9in x 4in]		3	1	1 Feet	_

General Comments

Slab 9

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
15	Prestressed Concrete Top Flange	78	78	0	0	0 Square Feet
109	Prestressed Concrete Open Girder/Beam	31	26	2	3	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Delamination/Spall	right leg at far end, three [3] spalls/delaminations [up to 9in long x 11in high x 1/2in deep] with two [2] exposed stirrups [loss < 1/16in]	3	3	3	Feet
109	Delamination/Spall	left leg at end bent 1, delamination [4in x 4in]	2	1	1	Feet
109	Delamination/Spall	left leg at far end, two [2] spalls [up to 4in diameter x 1in deep] with one [1] exposed stirrup [loss < 1/16in]	2	1	1	Feet

General Comments

Span 1

Span 1

Slab 10

Element Number	El	ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Cor	ncrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Cor	ncrete Open Girder/Beam	31	16	1	3	11	Feet
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	

Structure	Number: <u>910126</u>			Inspe	ection Date: 08/10)/2021
109	Delamination/Spall	[PAR] left leg at midspan, spall/delamination, [11ft x full width of leg x 11in high] with four [4] exposed prestressed strands, three [3] of the exposed strands have failed with remaining one [1] strand exhibiting section loss [up to 40%]	4	11	11 Feet	
109	Delamination/Spall	left leg at end bent 1, spall/delamination [10in x 7in x 1/2in deep] with two [2] exposed stirrups [no section loss noted]	3	1	1 Feet	
109	Delamination/Spall	right leg at far end over bearing, spall [18in x 9in x 1/2in deep]	3	2	2 Feet	
109	Delamination/Spall	left leg at far end, delamination [5in x 3in]	2	1	1 Feet	
	General Comments					_

East face at grout pocket 3, missing grout with exposed tendon with surface rust [no section loss noted]

า 2	Wearing Su	rface					
halt Wearing Sur	face						
nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Wearing	Wearing Surface		548	0	175	0 S	quare Feet
Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
Crack (Wearing Surface)	along edges of channels, (5) longi x 1/16in)	tudinal cracks (fu	Ill length	3	150	150	Square Feet
Crack (Wearing	UP TO 1/8" TRANSVERSE CRACK	ING OVER BENT	1	3	25	25	Square Feet
	n 2 halt Wearing Sur hent ber Wearin Defect Type Crack (Wearing Surface) Crack (Wearing	halt Wearing Surface hent ber Element Name Wearing Surface Defect Type Defect Descri Crack (Wearing along edges of channels, (5) longi Surface) x 1/16in) Crack (Wearing UP TO 1/8" TRANSVERSE CRACK	halt Wearing Surface halt Wearing Surface hent Element Name Qty Wearing Surface 723 Defect Type Defect Description Crack (Wearing along edges of channels, (5) longitudinal cracks (fu surface) x 1/16in) Crack (Wearing UP TO 1/8" TRANSVERSE CRACKING OVER BENT	halt Wearing Surface halt Wearing Surface hent ber Element Name Wearing Surface Defect Type Crack (Wearing Surface) Crack (Wearing UP TO 1/8" TRANSVERSE CRACKING OVER BENT 1 Wearing Surface Defect Description	halt Wearing Surface halt Wearing Surface hent ber Element Name Wearing Surface Defect Type Defect Description Crack (Wearing along edges of channels, (5) longitudinal cracks (full length 3 surface) x 1/16in) Crack (Wearing UP TO 1/8" TRANSVERSE CRACKING OVER BENT 1 3	halt Wearing Surface halt Wearing Surface hent ber Element Name Wearing Surface Total Qty Qty Qty Qty Qty Qty Qty Qty	halt Wearing Surface halt Wearing Surface hent Element Name Total CS1 CS2 CS3 CS4 Wearing Surface 723 548 0 175 0 S Defect Type Defect Description CS CS Qty Maint Qty Qty Qty Qty Qty Qty Qty Vearing Surface 150 S Crack (Wearing along edges of channels, (5) longitudinal cracks (full length 3 150 150 Surface x 1/16in) Surface 25 25

General Comments

Left	Bridg	ge	Rail

Concrete and Metal Railing

CS2 CS4 Element Total CS1 CS3 **Element Name** Number Qty Qty Qty Qty Qty 333 Other Bridge Railing 0 Feet 30 30 0 0 0 515 Steel Protective Coating 0 0 48 48 Square Feet Element Maint CS Qty cs **Defect Type Defect Description** Number Qty 333 Corrosion along length of rail, active corrosion with no section loss 2 25 Feet noted along length of curb, multiple vertical cracks [6in x 0.02in] 2 333 Cracking (RC and 5 Feet some wrap around to top face Other) Effectiveness (Steel coating failure with active corrosion 4 48 Square Feet 515 48 Protective Coatings) **General Comments**

Span 2

Span 2

Right Bridge Rail

Concrete and Metal Railing

Elem Num	ient iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
333	Other B	ridge Railing	30	0	28	2	0 Feet
515	Steel Pr	otective Coating	48	0	0	0	48 Square Feet
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty
333	Delamination/Spall	at rail post 5, delamination/spall [2ft x 8in x 3in deep]	3	2	2 Feet
333	Corrosion	along length of rail, active corros noted	ion with no section	loss	2	18	Feet
333	Cracking (RC and Other)	along length of curb, multiple ver some wrap around to top face	tical cracks [6in x 0	.02in]	2	7	Feet

Structure I	Number: <u>910126</u>			Inspe	ection Da	te: 08/10/2021
333	Damage	top of rail near midspan, impact damage [6ft x 2in]	2	3	3	Feet
515	Effectiveness (Steel Protective Coatings)	coating failure with active corrosion	4	48	48	Square Feet

General Comments

Spa	n 2	Slab 1						
Pres	stressed Concrete	e Channel						
Elen Nun 15	nent nber Prestres	Element Name sed Concrete Top Flange	Total Qty 77	CS1 Qty 77	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	30	25	2	3	0	Feet
Elemen Number	t r Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
109	Delamination/Spall	right leg 6ft from bent 2, spall (30in x exposed rusted rebar	x 3in x 3/4in) wit	th	3	3		3 Feet
109	Delamination/Spall	right leg at near third, two [2] spalls deep]	[up to 6in x 3in	x 3/4in	2	2		2 Feet

General Comments

West face at grout pocket 1, missing grout with exposed tendon with surface rust [no section loss noted]

Spar	n 2	Slab 2						
Pres	tressed Concrete	e Channel						
Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	30	25	0	2	3	Feet
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	[PAR] left and right leg at bent 2, two spalls/delaminations [up to 36in x 6ir [2] exposed stirrups [no section loss strand [section loss up to 20%]) [2] n x full width], wi noted] and expo	th two sed	4	3	:	3 Feet
109	Delamination/Spall	left leg at bent 1, spall [16in x 8in x 3/ exposed stirrups [no section loss no	/4in deep] with tv ted]	vo [2]	3	2	:	2 Feet

General Comments

Span	2	Slab 3						
Prestr	ressed Concrete	e Channel						
Eleme Numb	nt er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	ssed Concrete Top Flange	77	77	0	0	0 Square Feet	
109	Prestres	ssed Concrete Open Girder/Beam	30	28	0	2	0 Feet	
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
109 D	elamination/Spall	left leg at bent 1, delamination [14in >	c 4in]		3	2	2 Feet	

General Comments

Structure Number: 910126

Span 2

Prestressed Concrete Channel

Elem Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	30	28	0	2	0	Feet
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	left and right leg at bent 1, three [3] s 1/2in deep], with exposed stirrup [no	palls [up to 8in section loss n	x 5in x oted]	3	2		2 Feet

Slab 4

General Comments

Spar	ז 2	Slab 5						
Pres	tressed Concrete	e Channel						
Elem Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	30	28	1	0	1	Feet
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	(PAR) left and right leg at bent 1, two 8in x up to full width], with exposed s noted] channel legs crushing and bo sits below top of crutch bent cap	[2] spalls [up stirrup [no sect ttom of channe	to 12in x tion loss el legs	4	1	-	1 Feet
109	Delamination/Spall	left leg at far end, spall [3in x 4in x 1/	2in deen1		2	1		1 Feet

General Comments

Span 2

Span 2

Slab 6

Prestressed Concrete Channel

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	30	24	1	5	0	Feet
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	left and right leg at bent 1, four [4] sp x 1/2in deep], with four [4] exposed s loss noted]	alls [up to 6.5in tirrups [no sect	i x 5.5in ion	3	4		4 Feet
109	Delamination/Spall	left leg at 15ft from bent 1, spall (8in 2	x 2in x 1/2in)		3	1		1 Feet
109	Delamination/Spall	right leg atb15ft from bent 2, spall (5i	in x 1-1/2in x 1/2	?in)	2	1		1 Feet
7	Constal Comments							

General Comments

Slab 7

Element Number	EI	ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
15	Prestressed Co	ncrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Co	ncrete Open Girder/Beam	30	23	0	4	3	Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure Number: 910126

109 Delamination/Spall

109 Delamination/Spall

[PAR] left leg near midspan, spall/delamination [30in x 4in x full width], with exposed strand [section loss up to 30%] left and right leg at bent 1, four [4] spalls [up to 8in x 3in x 1/2in], with three [3] exposed stirrups [no section loss noted] Inspection Date: 08/10/2021

3 3 Feet

4

4

3

4 Feet

General Comments

Spa	n 2	Slab 8						
Pres	stressed Concrete	Channel						
Elen Num	nent 1ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	;
15	Prestres	sed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	30	21	0	9	0	Feet
Element Number	t Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	left and right leg along full length, nin x 4in x up to 1in], with five [5] expose loss noted]	ne [9] spalls [up ed stirrups [no s	o to 8in section	3	9		9 Feet
Ī	General Comments							

Span 2

Slab 9

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
15	Prestressed Concrete Top Flange	77	77	0	0	0 Square Feet
109	Prestressed Concrete Open Girder/Beam	30	16	0	3	11 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	Delamination/Spall	[PAR] right leg 12ft from bent 1, spall/delamination [6ft x 3in x full width] with exposed strand (25% section loss)	4	6	6	Feet
109	Delamination/Spall	[PAR] right leg at bent 1, spall/delamination [52in x 8in x up to full width] with one exposed strand (50% section loss on strand)	4	5	5	Feet
109	Delamination/Spall	left and right leg at bent 2, three [3] spalls/delaminations [up to 10in x 5in x 1/2in deep], with exposed stirrup [no section loss noted]	3	2	2	Feet
109	Delamination/Spall	left leg at bent 1, spall/delamination [8in x 5in x 1/2in] with exposed stirrup [no section loss noted]	3	1	1	Feet
Ī	General Comments					

Span 2

Slab 10

Elem Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	77	77	0	0	0 Square	Feet
109	Prestres	sed Concrete Open Girder/Beam	30	20	1	9	0 Feet	
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	left and right leg at bent 1, four [4] sp 1/2in]	alls [up to 18in	x 6in x	3	5	5 Feet	
109	Delamination/Spall	left leg at midspan, delamination (4ft longitudinal crack crack (up to 1/8in)	x 2in high) with	ı	3	4	4 Feet	
109	Delamination/Spall	left leg at bent 2, spall [up to 5in x 4in	x 1/4in deep]		2	1	1 Feet	
ī	General Comments							

East face at grout pocket 1, missing grout with exposed tendon with surface rust [no section loss noted]

Spa	n 3	Wearing Su	rface					
Asp	halt Wearing Su	face						
Elen Num 510	nent nber Wearin	Element Name g Surface	Total Qty 723	CS1 Qty 548	CS2 Qty 0	CS3 Qty 175	CS4 Qty 0 S	Square Feet
Elemen Number	t Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	1/8" TRANSVERSE CRACK OVER	BENT 2		3	25	25	Square Feet
510	Crack (Wearing Surface)	along edges of channels, (5) long x 1/16in)	itudinal cracks (fu	ll length	3	150	150	Square Feet
-	General Comments							

Span 3

Left Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
333	Other Bridge Railing	30	0	30	0	0 Feet
515	Steel Protective Coating	48	0	0	0	48 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	Corrosion	along length of rail, active corrosion with no section loss noted	2	20	I	Feet
333	Cracking (RC and Other)	along length of curb, multiple vertical cracks [6in x 0.02in] some wrap around to top face	2	10	I	Feet
515	Effectiveness (Steel Protective Coatings)	coating failure with active corrosion	4	48	48	Square Feet

General Comments

Span 3

Right Bridge Rail

Concrete and Metal Railing

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bri	dge Railing	30	0	30	0	0 Feet	
515	Steel Pro	tective Coating	48	0	0	0	48 Square Fee	ət
Element Number	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
333	Corrosion	along length of rail, active corrosic noted	on with no sectior	n loss	2	16	Feet	
333	Cracking (RC and Other)	along length of curb, multiple verti 0.02in] some wrap around to top fa	cal cracks [full he	eight x	2	6	Feet	
333	Damage	along length of rail at top, three [3] [up to 3ft x 3in]	areas of impact	damage	2	8	8 Feet	
515	Effectiveness (Steel Protective Coatings)	coating failure with active corrosic	on		4	48	48 Square F	-eet

General Comments

Span 3

Feet

Feet

Prestressed Concrete Channel

Elerr Num	ient iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	30	29	0	1	0	Feet
Element Number	Defect Type	Defect Descripti	Defect Description			CS Qty	Maint Qty	
109	Delamination/Spall	elamination/Spall right leg at bent 2, spall [11in x 6in x 1 rusted reinforcing [no section loss no		sed	3	1	·	1 Feet

General Comments

Span 3

Slab 2

Slab 1

Prestressed Concrete Channel

Elerr Num 15	nent Iber Prestre	Element Name ssed Concrete Top Flange	Total Qty 77	CS1 Qty 77	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0 S	Square Feet
109	Prestre	ssed Concrete Open Girder/Beam	30	17	0	7	6 F	Feet
Element Number	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty	
109	Exposed Prestressing	[PAR] left leg at bent 3, spall [6ft x fu exposed strand (40% section loss)	ll width x 5in], v	vith	4	6	6	Feet
109	Cracking (PSC)	left leg at bent 2, longitudinal crack (4ft x 1/32in)		3	4	4	Feet

	October 1 Commente				
	Prestressing	exposed rusted strand			
109	Exposed	(PAR) right leg at midspan, spall (20in x 5in x 3/4in) with	3	2	2
		noted]			
	Dolamination, opan	5in x 1in deep], with exposed stirrup [no section loss	U	•	
109	Delamination/Spall	left right leg at bent 2, two [2] spalls/delaminations [8in x	3	1	1

General Comments

Span 3

Slab 3

Prestressed Concrete Channel

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	77	77	0	0	0 Square Fee	≠t
109	Prestres	sed Concrete Open Girder/Beam	30	29	1	0	0 Feet	
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
109	Delamination/Spall	left leg at bent 2, delamination [5in x 5i	n]		2	1	1 Feet	_

General Comments

Span 3

Slab 5

Elem Num 15	nent nber Prestres	Element Name sed Concrete Top Flange	Total Qty 77	CS1 Qty 77	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	30	23	0	7	0	Feet
Element Number	t Defect Type	pe Defect Description			CS	CS Qty	Maint Qty	
109	Delamination/Spall	elamination/Spall (PAR) right leg at bent 3, spall [6in x 4in x full width], with exposed strand			3	1	·	1 Feet

109 Delamination/Spall

left and right legs along length of slab, six [6] spalls/delaminations [up to 8in x 6in x 1/2in deep], with six [6] exposed stirrups [no section loss noted] 6 Feet

6

3

General Comments

Span 3

Slab 6

Elerr Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	30	23	4	3	0	Feet
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	[PAR] left leg at far third, spall [2ft x 5 strand	in] with exposed		3	2		2 Feet
109	Delamination/Spall	right leg at bent 3, spall [10in x 4in x 1	l/2in deep]		3	1		1 Feet
109	Delamination/Spall	left and right leg along length of slab,	four [4]		2	4		4 Feet

spalls/delaminations [2in x 4in x 1/2in deep], with three [3] exposed stirrups [no section loss noted]

General Comments

Span 3	3	Slab 7						
Prestr	essed Concrete	e Channel						
Eleme Numbe	nt er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	ssed Concrete Top Flange	77	77	0	0	0 Square	Feet
109	Prestres	ssed Concrete Open Girder/Beam	30	29	1	0	0 Feet	
Element Number	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
109 D	elamination/Spall	left leg at bent 3. spall [6in x 2in x 1/4	4in deep1		2	1	1 Feet	

General Comments

Span 3

Slab 8

Prestressed Concrete Channel

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	30	27	0	3	0	Feet
Element	Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty	
109	Cracking (PSC)	right leg at far third, longitudinal crack	x (16in x 1/32ir	ı)	3	2	2	2 Feet
109	Delamination/Spall	left and right leg at bent 3, two [2] spa to 9in x 2in x 1in deep], with exposed s loss noted]	lls/delaminatio strand [no sec	ons [up tion	3	1	1	Feet

General Comments

Structure Number: 910126

Span 3

Prestressed Concrete Channel

Elerr Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	30	28	1	1	0	Feet
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	left leg at 6ft from bent 2, spall (6in x	2in x 1/2in)		3	1	•	1 Feet
109	Delamination/Spall	left leg at bent 3, spall [3in x 2in x 1/4	in deep]		2	1		1 Feet

General Comments

Slab 10

Slab 9

Pres	stressed Concrete	e Channel						
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	30	28	0	2	0	Feet
Elemen Number	t Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	right leg at bent 2, spall [22in x 15in x stirrup [no section loss noted]	x 2in], with exp	osed	3	2		2 Feet
	General Comments							

Span 4

Span 3

Wearing Surface

Asphalt Wearing Surface

Elem Num	lent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing S	Surface	733	538	0	195	0 S	quare Feet
Element Number	Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	along edges of channels, (5) lo x 1/8in)	ongitudinal cracks (fu	ll length	3	150	150	Square Feet
510	Crack (Wearing Surface)	over end bent 2, transverse cra	ack (full width x up to	1/8in)	3	25	25	Square Feet
510	Patched Area/Pothole (Wearing Surface)	northbound lane along edge o (20ft x 3in x 1in)	f channels 8 and 9, po	othole	3	20	20	Square Feet

Span 4

Left Bridge Rail

Concrete and Metal Railing

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other B	ridge Railing	31	0	21	9	1	Feet
515	Steel Pr	otective Coating	49	0	0	0	49	Square Feet
Element Number	Defect Type	Defect Description	1		CS	CS Qty	Maint Qty	
333	Connection	[PAR] rail post 6 is missing			4	1	-	1 Feet
333	Delamination/Spall	(PAR) at rail posts 3,4 & 5, delaminatior 11in x 3in deep] allowing excessive def	n/spall [up to lection of rai	o 3ft x I	3	9		9 Feet
333	Corrosion	along length of rail, active corrosion win	th no sectior	n loss	2	11		Feet

Structure I	Number: <u>910126</u>			Inspectio	on Da	ate: 08/10/2021
333	Cracking (RC and Other)	along length of curb, multiple vertical cracks [full height x 0.02in] some wrap around to top face	2	10		Feet
515	Effectiveness (Steel Protective Coatings)	coating failure with active corrosion	4	49	49	Square Feet

General Comments

Spar	n 4	Rig	nt Bridge Rail					
Cond	crete and Metal Ra	ailing						
Elem Num	ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bri	dge Railing	31	0	31	0	0	Feet
515	Steel Pro	tective Coating	31	0	0	0	31	Square Feet
Element Number	Defect Type	De	ect Description		CS	CS Qty	Maint Qty	
333	Corrosion	along length of rail, act noted	ve corrosion with no sectio	n loss	2	25		Feet
333	Cracking (RC and Other)	along length of curb, m some wrap around to to	ultiple vertical cracks [6in x p face	0.02in]	2	6		Feet
515	Effectiveness (Steel Protective Coatings)	coating failure with act	ve corrosion		4	31	31	Square Feet

General Comments

Span 4

Slab 1

Prestressed Concrete Channel

Elen Num 15	nent Iber Prestres	Element Name sed Concrete Top Flange	Total Qty 78	CS1 Qty 78	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	31	25	1	5	0	Feet
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	right leg at bent 3, two [2] spalls [up t exposed stirrup [no section loss note	o 8in x 3in] with d]	1	3	2	:	2 Feet
109	Delamination/Spall	right leg at near third, spall [14in x 3ir exposed stirrup [no section loss note	n x full width] wi d]	ith	3	2	:	2 Feet
109	Delamination/Spall	right leg near midspan, spall [12in x 8 exposed stirrup [no section loss note	in x 3/4in] with d]		3	1		1 Feet
100	Delamination/Snall	at far end of right leg, spall [3in x 2in	x 1/4in deep]		2	1		1 Feet

Span 4

Slab 2

Elen Num	nent 1ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	31	29	2	0	0	Feet
Elemen Number	t Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	at far end of left leg, spall [2in x 2in x exposed stirrup [no section loss note	1/4in deep] wi d]	th one	2	1		1 Feet
109	Delamination/Spall	left leg at bent 3, spall [6in x 6in x 1/2	in deep]		2	1		1 Feet
Ī	General Comments							

Structure Number: 910126

Span 4

Prostrossod	Concrete	Channel
riesliesseu	Concrete	Channel

Elerr Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	31	30	1	0	0	Feet
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	at far end of both legs, spall [4in x 2i two exposed stirrups [no section los	n x 1/4in deep] s noted]	with	2	1	-	1 Feet

Slab 3

General Comments

Span 4		Slab 4						
Prestresse	d Concrete	e Channel						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	ssed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestres	ssed Concrete Open Girder/Beam	31	30	0	0	1	Feet
Element Number De	fect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
109 Delamin	ation/Spall	(PAR) at far end of both legs, three [3 [6in x 6in x 1-1/2in deep] with one ex loss up to 10%]	8] spalls/delam posed strand [inations section	4	1		1 Feet

General Comments

Spa	n 4	Slab 5						
Pres	stressed Concrete	e Channel						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	ļ ,
15	Prestres	sed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	31	28	1	2	0	Feet
Elemen Number	t Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
109	Delamination/Spall	right leg at bent 3, spall/delamination with two [2] exposed stirrups [no see	n [18in x 5in x 1 ction loss noted	/2in] d]	3	2	Ĩ	2 Feet
109	Delamination/Spall	at far end of right leg, spall [3in x 2in exposed stirrup [no section loss not	x 1/4in deep] v ed]	vith one	2	1		1 Feet

General Comments

Span 4

Slab 6

Elen Nun	nent 1ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
15	Prestres	sed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	31	29	2	0	0	Feet
Elemen Number	t Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	at far end of left leg, two [2] spalls/de x 1/2in deep] with two exposed stirru noted]	elaminations [6 ps [no section	in x 5in Ioss	2	1	-	1 Feet
109	Delamination/Spall	left leg at bent 3, spall [6in x 3in x 1/2	?in]		2	1		1 Feet
	General Comments							

Spa								
Pres	stressed Concrete	e Channel						
Elen Nun	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	ssed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestres	ssed Concrete Open Girder/Beam	31	30	1	0	0	Feet
Elemen [:] Numbei	t Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	at far end of both legs, three [3] spal x 6in x 1/2in deep] with two exposed loss noted]	ls/delamination stirrups [no se	ns [6in ction	2	1		1 Feet
Ī	General Comments							
Spa	n 4	Slab 8						
Pres	stressed Concrete	e Channel						
Elen Nun	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestres	ssed Concrete Open Girder/Beam	31	18	2	6	5	Feet
Elemen Number	t Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	(PAR) left leg at far third, spall/delam deep] with exposed rusted strand	ination [36in x	3in x 2in	4	1		1 Feet
109	Exposed Prestressing	[PAR] right leg at far third, spall [4ft x exposed strand	3in x full widt	h] with	4	4		4 Feet
109	Cracking (PSC)	right leg at near third, longitudinal cr	ack (1ft x 1/32i	n)	3	1		1 Feet
109	Delamination/Spall	right leg at near third, five [5] spalls/delaminations [up to 8in x 3in x 1/2in deep] with four [4] exposed stirrups [no section loss noted]			3	5		5 Feet
109	Delamination/Spall	at far end of both legs, two [2] spalls/ 3in x 1/2in deep] with two exposed st noted]	delaminations irrups [no sect	[8in x ion loss	2	1		1 Feet
100	Delamination/Spall	left leg at bent 3. spall [4in x 4in x 1/4	in deep]		2	1		1 Feet

Span 4

Slab 9

Prestressed Concrete Channel

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestres	sed Concrete Open Girder/Beam	31	30	0	1	0	Feet
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
109	Delamination/Spall	at far end of right leg, spall [8in x 4in exposed stirrup [no section loss note	x 1in deep] wit ed]	th one	3	1		1 Feet

General Comments

Span 4

Prestressed Concrete Chann	el
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Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	ssed Concrete Top Flange	78	78	0	0	0 Square Feet	
109	Prestres	ssed Concrete Open Girder/Beam	31	9	1	1	20 Feet	
Element Number	t Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty	
109	Exposed Prestressing	[PAR] 5 TOTAL AREAS OF AREAS IN WIDTH X UP TO 6" HIGH SPALLS WIT STRANDS FOR 20' TOTAL (20% SEC	LEFT LEG OF H EXPOSED (ION LOSS)	FULL	4	20	20 Feet	
109	Delamination/Spall	right leg at bent 3, spall [10in x 4in x 3	/4in deep]		3	1	1 Feet	
109	Delamination/Spall	at far end of left leg, spall [3in x 2in x exposed stirrup [no section loss note	1/4in deep] wi d]	th one	2	1	1 Feet	

General Comments

End Bent 1

Abutment

Timber Abutment

Elerr Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
216	Timber /	Abutment	36	0	26	10	0 F	eet
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
216	Decay/Section Loss	[PAR] between piles 3 and 5 seco cap, decay [10ft x up to full heigh exposed	ond bulkhead board at x full width] with f	l below fill	3	10	10	Feet
216	Check/Shake	along length of backwall, checks 1/8in], with surface decay [up to	/shakes [up to 1ft x 1/2in]	up to	2	26	26	Feet

General Comments

End Bent 1 Pile 1 **Timber Pile** CS4 CS2 Element Total CS1 CS3 **Element Name** Number Qty Qty Qty Qty Qty 228 Timber Pile 0 0 0 Each 1 1 Element Maint **Defect Description** Defect Type cs CS Qty Number Qty 228 Decay/Section Loss (PAR) along height of exposed pile, multiple checks [full 3 1 Each 1 height x up to 1/8in], pile sounds hollow when hammered **General Comments**

End	Bent 1	Pile 2						
Tim	ber Pile							
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber	Pile	1	0	1	0	0 Each	
Elemen Numbe	t r Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
228	Check/Shake	along height of exposed pile, m up to 1/8in]	ultiple checks [full h	eight x	2	1	1 Each	
-	Conoral Commonte							

General Comments

Replaced pile section with concrete collar

Elen		Element Name	QtV	Qtv	Qty	Qty	Qty	
	nent	Flomont Name	Total	CS1	CS2	CS3	CS4	
Pres	stressed Concret	e Pier Cap						
End	Bent 1	End Bent (Cap 1					
	concrete collar is	undermined, [full width x 1ft high]						
	replaced pile sect	ion with concrete collar						
Ī	General Comments	սի ւս տորոլը						
228	Check/Shake	along height of exposed pile, m	ultiple checks [full h	neight x	2		1 Each	
228	Scour	(PAR) concrete collar is underm	ined (60%)		3	1	1 Each	
Element	t Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
228	Timber	Pile	1	0	0	1	0 Each	
Num	nber	Element Name	Qty	Qty	Qty	Qty	Qty	
Flen	nent		Total	CS1	6.52	653	CS4	
Tim	ber Pile							
End	Bent 1	Pile 5						
	replaced pile sect	ion with concrete collar						
Ī	General Comments							
228	Check/Shake	along height of exposed pile, mu up to 1/8in1	ultiple checks [full h	neight x	2	1	1 Each	
Number	Defect Type	Defect Des	cription		CS	CS Qty	Qty	
Element	t						Maint	
228	Timber	Pile	1	0	1	0	0 Each	
Elen Num	nent 1ber	Element Name	Total Otv	CS1 Qtv	CS2 Qtv	CS3 Qtv	CS4 Qtv	
Tim	ber Pile							
End	Bont 1							
-	General Commente	1/4in wide x up to 2in deep], dec	ay [14in x 10in x 3i:	n deep]				
228	Decay/Section Loss	(PAR) at base of pile, multiple cl	hecks [full height x	up to	3	- 1	ريني 1 Each	
Element	t , Defect Type	Defect Des	cription		CS	CS Qty	Maint	
228	Timber	Pile	1	0	0	1	0 Each	
Num	nber	Element Name	Qty	Qty	Qty	Qty	Qty	
Elen	nent		Total	CS1	CS2	CS3	CS4	
Timl	ber Pile							
	Bent 1	Pile 3						

End Bent 2

Timber	Abutment

Elen Num	nent Iber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
216		Timber A	Abutment	36	0	23	13	0 F	eet
Element Number	Def	ect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
216	Decay/Se	ection Loss	[PAR] between piles 1 and 2, lo full width] with exposed/missin	wer board decay [3ft g backfill material	x 4in x	3	3	3	Feet
216	Scour		between piles 1 & 3, erosion [10 also gap [up to 2in] at cap/back	Oft long x 7ft x 18in de wall junction	eep]	3	10	10	Feet
216	Check/S	hake	along length of abutment, chec	ks [up to 1/16in]		2	23	23	Feet

Abutment

General Comments

End	Bent 2	Pile 1						
Timl	ber Pile							
Elen Num 228	nent nber Timber F	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 E	Each
Element Number	t Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
228	Check/Shake	along height of pile, multiple che	cks [up to 1/16in]		2			Each
228	Decay/Section Loss	South face a midheight, section le wide x 3/4in deep]	oss [4in high x 4-1/4i	n	2	1	1	Each
Ī	General Comments							

End	Bent 2	Pile 2						
Tim	ber Pile							
Elen Nurr	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber	Pile	1	0	1	0	0 Each	
Element Number	t Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
228	Check/Shake	along height of pile, multiple ch	necks [up to 1/16in]		2	1	1 Each	
ī	General Comments							

End	Bent 2	Pile 3						
Timl	ber Pile							
Elen Num 228	nent nber Timber F	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0	Each
Element Number	t Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
228	Decay/Section Loss	at base of pile, decay (8in x 1in x ²	1-1/2in deep)		3	1	1	Each
228	Check/Shake	along height of pile, multiple chec	ks [up to 1/8in]		2		1	Each
228	Decay/Section Loss	South face a midheight, section lo wide x 1in deep]	oss [3-1/2in high x 3	3-1/4in	2			Each

General Comments

End	Bont 2								
End	Dent 2		Pile 5						
Tim	ber Pile								
Elen	ment			Total	CS1	CS2	CS3	CS4	
Num	nber	Element Na	me	Qty	Qty	Qty	Qty	Qty	
228	Tin	iber Pile		1	0	1	0	0 Each	
Elemen	nt Defect Tom		Defect Deserin	tion		<u> </u>	CR 04	Maint	
Number	er Detect Typ		Derect Descrip			65	US QTY	Qty	
228	Check/Shake	along height of	pile, multiple checks	s [up to 1/16in]		2	1	1 Each	
(General Commen	ts							
	replacement	pile for pile 4							
End	Bent 2		Pile 6						
Tim	ber Pile								
Elen	ment			Total	CS1	CS2	CS3	CS4	
Num	mber	Element Na	me	Qty	Qty	Qty	Qty	Qty	
228	Tim	iber Pile		1	0	1	0	0 Each	
Elemen	It Defect Turn		Defect Deserin	tion		<u></u>	CS 0#4	Maint	
Number		alana halahta				03		Qty	
228	Cneck/Snake	along neight of	pile, multiple checks	s [up to 1/16in]		2	1		
0	General Commen	ts							
	replacement	pile for pile 7							
_									
End	Bent 2		End Bent 2 C	ap					
End	Bent 2	roto Diar Car	End Bent 2 C	ар					
End Pres	l Bent 2 stressed Conc	rete Pier Cap	End Bent 2 C	ар					
End Pres	I Bent 2 stressed Conc	rete Pier Cap	End Bent 2 C	ap Total	CS1	CS2	CS3	CS4	
End Pres Elen Num	I Bent 2 stressed Conc ment nber	erete Pier Cap	End Bent 2 C	Total Qty 26	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
End Pres Elen Nun 233	I Bent 2 stressed Conc ment nber Pre	rete Pier Cap Element Nat stressed Concrete Pier	End Bent 2 C	Total Qty 26	CS1 Qty 15	CS2 Qty 11	CS3 Qty 0	CS4 Qty 0 Feet	
End Pres Elen 233 Element	I Bent 2 stressed Conc ment nber Pre	erete Pier Cap Element Nar stressed Concrete Pier	End Bent 2 Comme Cap Defect Descrip	Total Qty 26	CS1 Qty 15	CS2 Qty 11 CS	CS3 Qty 0 CS Qty	CS4 Qty 0 Feet Maint Qty	
End Pres Elen Nun 233 Elemen Number 233	I Bent 2 stressed Conc ment mber Pre Pre t Defect Typ Cracking (PSC)	erete Pier Cap Element Nar stressed Concrete Pier e at multiple loca	End Bent 2 C me Cap Defect Descrip	Total Qty 26	CS1 Qty 15	CS2 Qty 11 CS 2	CS3 Qty 0 CS Qty 11	CS4 Qty 0 Feet Maint Qty 11 Feet	
End Pres Elen Nun 233 Elemen Number 233	I Bent 2 stressed Conc ment nber Pre tr Defect Typ Cracking (PSC)	Element Nar Element Nar stressed Concrete Pier e at multiple loca x 0.009in]	End Bent 2 C me ^r Cap Defect Descrip ations along cap, long	Total Qty 26 otion gitudinal crack [t	CS1 Qty 15 up to 5ft	CS2 Qty 11 CS 2	CS3 Qty 0 CS Qty 11	CS4 Qty 0 Feet Maint Qty 11 Feet	
End Pres Elen Nun 233 Elemen Number 233	I Bent 2 stressed Conc ment nber Pre t Cracking (PSC) General Commen	erete Pier Cap Element Nar stressed Concrete Pier e at multiple loca x 0.009in] ts	End Bent 2 Comme Cap Defect Descrip	Total Qty 26	CS1 Qty 15 up to 5ft	CS2 Qty 11 CS 2	CS3 Qty 0 CS Qty 11	CS4 Qty 0 Feet Maint Qty 11 Feet	
End Pres Elen Nun 233 Elemen Number 233	I Bent 2 stressed Conc ment mber Pre t Defect Typ Cracking (PSC) General Commen	Element Nar Element Nar stressed Concrete Pier at multiple loca x 0.009in] ts	End Bent 2 C me Cap Defect Descrip ations along cap, long	Total Qty 26 htion gitudinal crack [t	CS1 Qty 15 up to 5ft	CS2 Qty 11 CS 2	CS3 Qty 0 CS Qty 11	CS4 Qty 0 Feet Maint Qty 11 Feet	
End Pres Elen Nun 233 Elemen Vumber 233	I Bent 2 stressed Conc ment mber Pre tr Cracking (PSC) General Commen tch Bent 1 Spa	Element Nar Element Nar stressed Concrete Pier at multiple loca x 0.009in] ts	End Bent 2 C me Cap Defect Descrip ations along cap, long	Total Qty 26	CS1 Qty 15 up to 5ft	CS2 Qty 11 CS 2	CS3 Qty 0 CS Qty 11	CS4 Qty 0 Feet Maint Qty 11 Feet	
End Pres Elen Nun 233 Elemen Numbel 233	I Bent 2 stressed Conc ment mber Pre tr Cracking (PSC) General Commen tch Bent 1 Spa	Element Nar Element Nar stressed Concrete Pier at multiple loca x 0.009in] ts	End Bent 2 C me Cap Defect Descrip ntions along cap, long	Total Qty 26	CS1 Qty 15 up to 5ft	CS2 Qty 11 CS 2	CS3 Qty 0 CS Qty 11	CS4 Qty 0 Feet Maint Qty 11 Feet	
Elem Nun 233 Elemen Number 233 Crut Stee	I Bent 2 stressed Conc ment mber Pre tr Cracking (PSC) General Commen tch Bent 1 Spa el Pier Cap	erete Pier Cap Element Nar stressed Concrete Pier at multiple loca x 0.009in] ts	End Bent 2 Comme Cap Defect Descrip ations along cap, long Cap 1	Total Qty 26	CS1 Qty 15 up to 5ft	CS2 Qty 11 CS 2	CS3 Qty 0 CS Qty 11	CS4 Qty 0 Feet Maint Qty 11 Feet	
Elem Nun 233 Elemen Number 233 Crut Stee Elem	I Bent 2 stressed Conc ment mber Pre to Cracking (PSC) General Commen tch Bent 1 Spa el Pier Cap ment	Element Nar Element Nar stressed Concrete Pier at multiple loca x 0.009in] ts	End Bent 2 C me Cap Defect Descrip ntions along cap, long Cap 1	Total Qty 26 ntion gitudinal crack [t	CS1 Qty 15 up to 5ft	CS2 Qty 11 CS 2 CS2	CS3 Qty 0 CS Qty 11	CS4 Qty 0 Feet Maint Qty 11 Feet	
End Pres Elen Nun 233 Elemen Numbel 233 Crut Stee Elen Nun	I Bent 2 stressed Conc ment mber Pre tr Cracking (PSC) General Comment tch Bent 1 Spa el Pier Cap ment mber	Element Nar Element Nar stressed Concrete Pier at multiple loca x 0.009in] ts an 1 Element Nar	End Bent 2 C me Cap Defect Descrip ntions along cap, long Cap 1	Total Qty 26 otion gitudinal crack [t	CS1 Qty 15 up to 5ft CS1 Qty	CS2 Qty 11 CS 2 CS2 Qty	CS3 Qty 0 CS Qty 11	CS4 Qty 0 Feet Maint Qty 11 Feet	
End Pres Elen Nun 233 Elemen Number 233 Crut Stee Elen Nun 231	I Bent 2 stressed Conc ment mber Pre tr Cracking (PSC) General Comment tch Bent 1 Spa el Pier Cap ment mber Ste	Element Nar Element Nar stressed Concrete Pier at multiple loca x 0.009in] ts an 1 Element Nar el Pier Cap	End Bent 2 C me Cap Defect Descrip ntions along cap, long Cap 1	Total Qty 26 htion gitudinal crack [u Total Qty 34	CS1 Qty 15 up to 5ft CS1 Qty 6	CS2 Qty 11 CS 2 CS2 Qty 28	CS3 Qty 0 CS Qty 11	CS4 Qty 0 Feet Maint Qty 11 Feet CS4 Qty 0 Feet	
Elem Num 233 Elemen Number 233 Crut Stee Elem Num 231 231	I Bent 2 stressed Conc ment mber Pre tr Cracking (PSC) General Commen tch Bent 1 Spa el Pier Cap ment mber Ste Ste	Element National Stressed Concrete Pier at multiple loca x 0.009in] ts an 1 Element National el Pier Cap el Protective Coating	End Bent 2 C me Cap Defect Descrip ntions along cap, long Cap 1	Total Qty 26 htion gitudinal crack [u Qty 34 317	CS1 Qty 15 up to 5ft CS1 Qty 6 234	CS2 Qty 11 CS 2 CS2 Qty 28 52	CS3 Qty 0 CS Qty 11 CS Qty 0 0 0	CS4 Qty 0 Feet Maint Qty 11 Feet	
Eler Nun 233 Elemen Number 233 Crut Stee Elen Nun 231 515	I Bent 2 stressed Conc ment mber Pre tr Cracking (PSC) General Commen tch Bent 1 Spa el Pier Cap ment mber Ste Ste Ste	erete Pier Cap Element Nat stressed Concrete Pier at multiple loca x 0.009in] ts an 1 Element Nat el Pier Cap el Protective Coating	End Bent 2 C	Total Qty 26 htion gitudinal crack [u Qty 34 317	CS1 Qty 15 up to 5ft CS1 Qty 6 234	CS2 Qty 11 CS 2 CS2 Qty 28 52 CS	CS3 Qty 0 CS Qty 11 CS Qty 0 0 0	CS4 Qty 0 Feet Maint Qty 11 Feet	
Eler Num 233 Elemen Number 233 Cruf Stee Elen Num 231 515 Elemen Number 231	I Bent 2 stressed Conc ment mber Pre to Defect Type Cracking (PSC) General Comment tch Bent 1 Spa el Pier Cap ment mber Ster Ster Ster Ster Ster Ster	Element Nar Stressed Concrete Pier at multiple loca x 0.009in] ts an 1 Element Nar el Pier Cap el Protective Coating e along length of	End Bent 2 C	Total Qty 26 Intion gitudinal crack [u Total Qty 34 317	CS1 Qty 15 up to 5ft CS1 Qty 6 234	CS2 Qty 11 CS 2 CS2 Qty 28 52 CS 2	CS3 Qty 0 CS Qty 11 CS Qty 0 0 0 CS Qty 28	CS4 Qty 0 Feet Maint Qty 11 Feet CS4 Qty 0 Feet 31 Square Feet Maint Qty Feet	
Eler Number 233 Elemen Number 233 Cruf Stee Elen Num 231 515 Elemen Yumber 231	I Bent 2 stressed Conc ment mber Pre to Defect Type Cracking (PSC) General Comment tch Bent 1 Spa el Pier Cap ment mber Ster	Element Nar Stressed Concrete Pier at multiple loca x 0.009in] ts an 1 Element Nar el Pier Cap el Protective Coating e along length of with section los teel along length of	End Bent 2 C	Total Qty 26 Intion gitudinal crack [u Total Qty 34 317 Intion Ind top flange, corr acent spot rust ge, paint failure v	CS1 Qty 15 up to 5ft CS1 Qty 6 234	CS2 Qty 11 CS 2 CS2 Qty 28 52 CS 2 4	CS3 Qty 0 CS Qty 11 CS Qty 0 0 0 CS Qty 28 31	CS4 Qty 0 Feet Maint Qty 11 Feet 11 Feet 31 Square Feet 31 Square Feet 31 Square Feet	
Eler Nun 233 Elemen Number 233 Crut Stee Elen Nun 231 515 Elemen Number 231 515	I Bent 2 stressed Conc ment mber Pre- tr Cracking (PSC) General Commen tch Bent 1 Spa el Pier Cap ment mber Ste Ste Ste Ste Ste Ste Ster	Element Nar stressed Concrete Pier at multiple loca x 0.009in] ts an 1 Element Nar el Pier Cap el Protective Coating e along length of with section los teel along length of mgs) active corrosio	End Bent 2 C me Cap Defect Descrip ntions along cap, long Cap 1 Cap 1 me Defect Descrip cap at lower web an ss [<1/16in] with adja clower web, top flang n with section loss	Total Qty 26 htion gitudinal crack [u Total Qty 34 317 htion hd top flange, cor acent spot rust ge, paint failure v	CS1 Qty 15 up to 5ft Qty 6 234 rrosion vith	CS2 Qty 11 CS 2 CS2 Qty 28 52 CS 2 4	CS3 Qty 0 CS Qty 11 CS Qty 0 0 0 CS Qty 28 31	CS4 Qty 0 Feet 11 Feet 11 Feet CS4 Qty 0 Feet 31 Square Feet 31 Square Feet 31 Square Feet	 t

Crutch Bent 1 Span 1

Stee	el Cross Cap Cruto	in Pile						
Ele: Nur	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	9	1	0	1	0	0	Each
515	Steel Pro	tective Coating	18	11	0	7	0	Square Feet
Elemer Numbe	nt Pr Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
225	Corrosion	at pile cap, surface corrosion [no se adjacent spot rust	ection loss noted	d] with	2	1		Each
515	Effectiveness (Steel Protective Coatings)	at pile cap and random locations al active surface corrosion	ong the height o	f pile,	3	7		7 Square Feet
	General Comments							

Crutch Bent 1 Span 1

Pile 2

Steel Cross Cap Crutch Pile

Elem Num	ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile		1	0	1	0	0	Each
515	Steel Pro	tective Coating	18	11	0	7	0	Square Feet
Element Number	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
225	Corrosion	at pile cap, surface corrosion [no se adjacent spot rust	ction loss note	d] with	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	at pile cap and random locations alc active surface corrosion	ng the height o	f pile,	3	7	•	7 Square Feet

Crutch Bent 1 Span 2

Cap 1

Steel Pier Cap

Elemen ⁻ Number	t r Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	L /
231	Steel Pier Cap		34	7	27	0	0	Feet
515	Steel Protective Coating		317	232	54	0	31	Square Feet
Element	Defect Type	Defect Description			CS	CS Qty	Maint	

Numbe	Defect Type	Defect Description	CS	CS Qty	Qty	
231	Corrosion	along length of cap at lower web and top flange, corrosion with section loss [<1/16in] with adjacent spot rust	2	27		Feet
515	Effectiveness (Steel Protective Coatings)	along length of lower web, top flange, paint failure with active corrosion with section loss	4	31	31	Square Feet
515	Effectiveness (Steel Protective Coatings)	along length of cap at random locations, paint failure with active spot rust	2	54	54	Square Feet
-	General Comments					

Crutch Bent 1 Span 2

Pile 1

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile		1	0	1	0	0 Each	
515	Steel Protective Coating		18	12	0	6	0 Square Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: <u>910126</u>			Inspec	tion Date: 08/10/2021
225	Corrosion	at pile cap, surface corrosion [no section loss noted] with adjacent spot rust	2	1	Each
515	Effectiveness (Steel Protective Coatings)	at pile cap and random locations along the height of pile, active surface corrosion	3	6	6 Square Feet
	General Comments				

Crut	tch Bent 1 Span 2		Pile 2						
Stee	el Cross Cap Cruto	h Pile							
Elen Nun	nent nber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	9		1	0	1	0	0	Each
515	Steel Pro	tective Coating		18	11	0	7	0	Square Feet
Elemen Numbe	t r Defect Type		Defect Description	1		CS	CS Qty	Maint Qty	
225	Corrosion	at pile cap, surface adjacent spot rust	e corrosion [no section	on loss notec	l] with	2	1		Each
515	Effectiveness (Steel Protective Coatings)	at pile cap and ran active surface cor	dom locations along	the height of	i pile,	3	7	-	7 Square Feet
	General Comments								

Crutch Bent 2 Span 2

Cap 1

Steel Pier Cap

ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Pie	er Cap	34	13	21	0	0	Feet
Steel Pro	ptective Coating	317	242	51	0	24	Square Feet
Defect Type	Defect Desci	iption		CS	CS Qty	Maint Qty	
Corrosion	along length of cap at lower web with section loss [<1/16in] with a	and top flange, co ljacent spot rust	rrosion	2	21	-	Feet
Effectiveness (Steel Protective Coatings)	along length of lower web, top fla active corrosion with section loss	nge, paint failure v	with	4	24	24	Square Feet
Effectiveness (Steel Protective Coatings)	along length of cap at random loc active spot rust	ations, paint failu	re with	2	51	51	Square Feet
-	ent ber Steel Pic Steel Pro Defect Type Corrosion Effectiveness (Steel Protective Coatings) Effectiveness (Steel Protective Coatings)	ent ber Element Name Steel Pier Cap Steel Protective Coating Defect Type Defect Descr Corrosion along length of cap at lower web with section loss [<1/16in] with ac Effectiveness (Steel along length of lower web, top fla Protective Coatings) active corrosion with section loss Effectiveness (Steel along length of cap at random loop Protective Coatings) active spot rust	ent ber Total Element Name Total Qty Steel Pier Cap 34 Steel Protective Coating 317 Defect Type Defect Type Defect Description Corrosion along length of cap at lower web and top flange, co with section loss [<1/16in] with adjacent spot rust	ent ber Total Element Name Total Qty CS1 Qty Steel Pier Cap 34 13 Steel Protective Coating 317 242 Defect Type Defect Description Corrosion along length of cap at lower web and top flange, corrosion with section loss [<1/16in] with adjacent spot rust	Total CS1 CS2 ber Element Name Qty Qty Qty Steel Pier Cap 34 13 21 Steel Protective Coating 317 242 51 Defect Type Defect Description CS Corrosion along length of cap at lower web and top flange, corrosion with section loss [<1/16in] with adjacent spot rust	ent berTotal Element NameCS1 QtyCS2 QtyCS3 QtySteel Pier Cap3413210Steel Protective Coating317242510Defect DescriptionCS CS CS QtyCorrosionalong length of cap at lower web and top flange, corrosion with section loss [<1/16in] with adjacent spot rust	ent berTotal Element NameCS1 QtyCS2 QtyCS3 QtyCS4 QtySteel Pier Cap34132100Steel Protective Coating31724251024Defect DescriptionCS CS QtyCS QtyMaint QtyCorrosionalong length of cap at lower web and top flange, corrosion with section loss [<1/16in] with adjacent spot rust

Crutch Bent 2 Span 2

Pile 1

ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Steel Pile		1	0	1	0	0 Each
Steel Pro	tective Coating	18	10	0	8	0 Square Feet
Defect Type	Defect Description	on		CS	CS Qty	Maint Qty
Corrosion	at pile cap, surface corrosion [no sec adjacent spot rust	tion loss note	d] with	2	1	Each
Effectiveness (Steel	at pile cap and random locations alon	g the height o	of pile,	3	8	8 Square Feet
	ent ber Steel Pile Steel Pro Defect Type Corrosion Effectiveness (Steel Brotective Coatings)	ent ber Element Name Steel Pile Steel Protective Coating Defect Type Defect Description Corrosion at pile cap, surface corrosion [no sect adjacent spot rust Effectiveness (Steel at pile cap and random locations alon Protective Coating	Total ber Total Qty Steel Pile 1 Steel Protective Coating 18 Defect Type Defect Description Corrosion at pile cap, surface corrosion [no section loss note adjacent spot rust Effectiveness (Steel Bretective Coating) at pile cap and random locations along the height of active surface corrosion	Total ber Total Qty CS1 Qty Steel Pile 1 0 Steel Protective Coating 18 10 Defect Type Defect Description Corrosion at pile cap, surface corrosion [no section loss noted] with adjacent spot rust Effectiveness (Steel Brotective Coatings) at pile cap and random locations along the height of pile, active surface corrosion	Total ber Total CS1 CS2 Qty CS1 Qty CS2 Qty Steel Pile 1 0 1 Steel Protective Coating 18 10 0 Defect Type Defect Description CS Corrosion at pile cap, surface corrosion [no section loss noted] with adjacent spot rust 2 Effectiveness (Steel at pile cap and random locations along the height of pile, active surface corrosion 3	Total ber CS1 Qty CS2 Qty CS3 Qty Steel Pile 1 0 1 0 Steel Protective Coating 18 10 0 8 Defect Type Defect Description CS CS Qty Corrosion at pile cap, surface corrosion [no section loss noted] with adjacent spot rust 2 1 Effectiveness (Steel at pile cap and random locations along the height of pile, Steipe surface corrosion 3 8

Pile 2

Crutch Bent 2 Span 2 Steel Cross Cap Crutch Pile

ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Steel Pile	9	1	0	1	0	0 Each
Steel Pro	tective Coating	18	11	0	7	0 Square Feet
Defect Type	Defect Descripti	ion		CS	CS Qty	Maint Qty
Corrosion	at pile cap, surface corrosion [no sec adjacent spot rust	at pile cap, surface corrosion [no section loss noted] with adiacent spot rust		2	1	Each
Effectiveness (Steel	at pile cap and random locations along the height of pile, active surface corrosion		f pile,	3	7	7 Square Feet
	ent ber Steel Pile Steel Pro Defect Type Corrosion Effectiveness (Steel	ent ber Element Name Steel Pile Steel Protective Coating Defect Type Defect Descripti Corrosion at pile cap, surface corrosion [no sec adjacent spot rust Effectiveness (Steel at pile cap and random locations alo	ent Total ber Element Name Qty Steel Pile 1 Steel Protective Coating 18 Defect Type Defect Description Corrosion at pile cap, surface corrosion [no section loss noted adjacent spot rust Effectiveness (Steel at pile cap and random locations along the height of	Element Name Total Qty CS1 Qty Steel Pile 1 0 Steel Protective Coating 18 11 Defect Type Defect Description Corrosion at pile cap, surface corrosion [no section loss noted] with adjacent spot rust Effectiveness (Steel at pile cap and random locations along the height of pile,	Element Name Total Qty CS1 Qty CS2 Qty Steel Pile 1 0 1 Steel Protective Coating 18 11 0 Defect Type Defect Description CS Corrosion at pile cap, surface corrosion [no section loss noted] with adjacent spot rust 2 Effectiveness (Steel at pile cap and random locations along the height of pile, 3	Element Name Total Qty CS1 Qty CS2 Qty CS3 Qty Steel Pile 1 0 1 0 Steel Protective Coating 18 11 0 7 Defect Type Defect Description CS CS Qty Corrosion at pile cap, surface corrosion [no section loss noted] with adjacent spot rust 2 1 Effectiveness (Steel at pile cap and random locations along the height of pile, 3 7

Crutch Bent 1 Span 3

Cap 1

Steel Pier Cap

Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
231	Steel Pie	r Cap	34	18	16	0	0 Feet
515	Steel Pro	tective Coating	317	243	56	0	18 Square Feet
Elemen	t r Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty
231	Corrosion	along length of cap at lower web a with section loss [<1/16in] with ad	and top flange, con jacent spot rust	rrosion	2	16	Feet
515	Effectiveness (Steel Protective Coatings)	along length of lower web, top flar active corrosion with section loss	nge, paint failure v	vith	4	18	18 Square Feet
515	Effectiveness (Steel Protective Coatings)	along length of cap at random loca active spot rust	ations, paint failur	e with	2	56	56 Square Feet
(General Comments						

Crutch Bent 1 Span 3

Pile 1

Steel Cross Cap Crutch Pile

Elem Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
225	Steel Pile	9	1	0	1	0	0 Each
515	Steel Pro	tective Coating	18	11	0	7	0 Square Feet
Element Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty
225	Corrosion	at pile cap, surface corrosion [no adjacent spot rust	t pile cap, surface corrosion [no section loss noted] with diacent spot rust			1	Each
515	Effectiveness (Steel Protective Coatings)	at pile cap and random locations along the height of pile, active surface corrosion		f pile,	3	7	7 Square Feet
ī	General Comments						

Crutch Bent 1 Span 3

Pile 2

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile		1	0	1	0	0	Each
515	Steel Protective Coating		18	12	0	6	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: <u>910126</u>			Inspec	tion Date: 08/10/2021
225	Corrosion	at pile cap, surface corrosion [no section loss noted] with adjacent spot rust	2	1	Each
515	Effectiveness (Steel Protective Coatings)	at pile cap and random locations along the height of pile, active surface corrosion	3	6	6 Square Feet
	General Comments				

Crutch Bent 2 Span 3

Cap 1

Steel Pier Cap

Elem Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
231	Steel Pie	er Cap	34	12	22	0	0 F	eet
515	Steel Pro	tective Coating	317	240	53	0	24 S	quare Feet
Element Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
231	Corrosion	along length of cap at lower web a with section loss [<1/16in] with ac	and top flange, co ljacent spot rust	rrosion	2	22	-	Feet
515	Effectiveness (Steel Protective Coatings)	along length of lower web, top fla active corrosion with section loss	nge, paint failure	with	4	24	24	Square Feet
515	Effectiveness (Steel Protective Coatings)	along length of cap at random loc active spot rust	ations, paint failu	re with	2	53	53	Square Feet

General Comments

Crutch Bent 2 Span 3

Pile 1

Steel Cross Cap Crutch Pile

lent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Steel Pile	9	1	0	1	0	0 Each
Steel Pro	tective Coating	18	10	0	8	0 Square Feet
Defect Type	Defect Description	on		CS	CS Qty	Maint Qty
Corrosion	at pile cap, surface corrosion [no sect adjacent spot rust	tion loss note	d] with	2	1	Each
Effectiveness (Steel Protective Coatings)	at pile cap and random locations along the height of pile, active surface corrosion			3	8	8 Square Feet
	Defect Type Corrosion Effectiveness (Steel Protective Coatings)	Inent Element Name ber Steel Pile Steel Protective Coating Steel Protective Coating Defect Type Defect Description Corrosion at pile cap, surface corrosion [no sect adjacent spot rust Effectiveness (Steel at pile cap and random locations alon Protective Coatings) active surface corrosion	Inent Total ber Element Name Qty Steel Pile 1 Steel Protective Coating 18 Defect Type Defect Description Corrosion at pile cap, surface corrosion [no section loss noted adjacent spot rust Effectiveness (Steel at pile cap and random locations along the height of active surface corrosion	Total ber Total Qty CS1 Qty Steel Pile 1 0 Steel Protective Coating 18 10 Defect Type Defect Description Corrosion at pile cap, surface corrosion [no section loss noted] with adjacent spot rust Effectiveness (Steel Protective Coatings) at pile cap and random locations along the height of pile, active surface corrosion	Total ber CS1 CS2 Qty CS2 Qty Steel Pile 1 0 1 Steel Protective Coating 18 10 0 Defect Type Defect Description CS Corrosion at pile cap, surface corrosion [no section loss noted] with adjacent spot rust 2 Effectiveness (Steel at pile cap and random locations along the height of pile, active surface corrosion 3	Total berCS1 QtyCS2 QtyCS3 QtySteel Pile1010Steel Protective Coating181008Defect TypeDefect DescriptionCS CS QtyCS QtyCorrosionat pile cap, surface corrosion [no section loss noted] with adjacent spot rust21Effectiveness (Steel Protective Coatings)at pile cap and random locations along the height of pile, active surface corrosion38

Crutch Bent 2 Span 3

Pile 2

lent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Steel Pile	9	1	0	1	0	0 Each
Steel Pro	tective Coating	18	12	0	6	0 Square Feet
Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty
Corrosion	at pile cap, surface corrosion [no sect adjacent spot rust	ion loss note	d] with	2	1	Each
Effectiveness (Steel Protective Coatings)	at pile cap and random locations along	g the height o	of pile,	3	6	6 Square Feet
	ent ber Steel Pile Steel Pro Defect Type Corrosion Effectiveness (Steel Brotective Coatings)	ber Element Name Steel Pile Steel Protective Coating Defect Type Defect Descriptio Corrosion at pile cap, surface corrosion [no sect adjacent spot rust Effectiveness (Steel at pile cap and random locations along Protective Coating	Total ber Element Name Steel Pile 1 Steel Protective Coating 18 Defect Type Defect Description Corrosion at pile cap, surface corrosion [no section loss note adjacent spot rust Effectiveness (Steel at pile cap and random locations along the height of protective Coating)	Total ber Total Qty CS1 Qty Steel Pile 1 0 Steel Protective Coating 18 12 Defect Type Defect Description Corrosion at pile cap, surface corrosion [no section loss noted] with adjacent spot rust Effectiveness (Steel Brotecting at pile cap and random locations along the height of pile, active surface corrosion	Total ber CS1 CS2 Qty CS2 Qty Steel Pile 1 0 1 Steel Protective Coating 18 12 0 Defect Type Defect Description CS Corrosion at pile cap, surface corrosion [no section loss noted] with adjacent spot rust 2 Effectiveness (Steel at pile cap and random locations along the height of pile, active surface corrosion 3	Total ber CS1 Qty CS2 Qty CS3 Qty Steel Pile 1 0 1 0 Steel Protective Coating 18 12 0 6 Defect Type Defect Description CS CS Qty Corrosion at pile cap, surface corrosion [no section loss noted] with adjacent spot rust 2 1 Effectiveness (Steel at pile cap and random locations along the height of pile, Stripe surface corrosion 3 6

Cap 1

Steel Pier Cap

Crutch Bent 1 Span 4

Elen Nurr	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
231	Steel Pie	r Cap	34	9	25	0	0 Feet
515	Steel Pro	otective Coating	317	234	55	0	28 Square Feet
Element	Defect Type	Defect Descr	ription		CS	CS Qty	Maint Qty
231	Corrosion	along length of cap at lower web with section loss [<1/16in] with a	and top flange, co djacent spot rust	rrosion	2	25	Feet
515	Effectiveness (Steel Protective Coatings)	along length of lower web, top fla active corrosion with section loss	ng length of lower web, top flange, paint failure with ive corrosion with section loss		4	28	28 Square Feet
515	Effectiveness (Steel Protective Coatings)	along length of cap at random loc active spot rust	ations, paint failu	re with	2	55	55 Square Feet
(General Comments						

Crutch Bent 1 Span 4

Pile 1

Steel Cross Cap Crutch Pile

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
225	Steel Pile	9	1	0	1	0	0 Each
515	Steel Pro	tective Coating	18	10	0	8	0 Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
225	Corrosion	at pile cap, surface corrosion [no section adjacent spot rust	on loss note	d] with	2	1	Each
515	Effectiveness (Steel Protective Coatings)	at pile cap and random locations along active surface corrosion	the height o	of pile,	3	8	8 Square Feet
Ī	General Comments						

Crutch Bent 1 Span 4

Pile 2

Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	9	1	0	1	0	0 1	Each
515	Steel Pro	tective Coating	18	11	0	7	0 \$	Square Feet
Elemen Number	t r Defect Type	Defect Description			CS	CS Qty	Maint Qty	
225	Corrosion	at pile cap, surface corrosion [no section adjacent spot rust	on loss noted	d] with	2	1		Each
515	Effectiveness (Steel Protective Coatings)	at pile cap and random locations along active surface corrosion	the height o	f pile,	3	7	7	Square Feet
	General Comments							
Location	Name	Component	Element Name	Amount				
----------	-------------------	------------------------------	---------------------------------------	--------				
Span 1	Slab 1	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31				
Span 1	Slab 1	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78				
Span 1	Slab 2	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31				
Span 1	Slab 2	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78				
Span 1	Slab 3	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31				
Span 1	Slab 3	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78				
Span 1	Slab 4	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31				
Span 1	Slab 4	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78				
Span 1	Slab 5	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31				
Span 1	Slab 5	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78				
Span 1	Slab 6	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31				
Span 1	Slab 6	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78				
Span 1	Slab 7	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31				
Span 1	Slab 7	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78				
Span 1	Slab 8	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31				
Span 1	Slab 8	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78				
Span 1	Slab 9	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31				
Span 1	Slab 9	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78				
Span 1	Slab 10	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31				
Span 1	Slab 10	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78				
Span 1	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	31				
Span 1	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	31				
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	733				
Span 2	Slab 1	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30				
Span 2	Slab 1	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77				
Span 2	Slab 2	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30				
Span 2	Slab 2	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77				
Span 2	Slab 3	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30				
Span 2	Slab 3	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77				
Span 2	Slab 4	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30				
Span 2	Slab 4	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77				
Span 2	Slab 5	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30				
Span 2	Slab 5	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77				
Span 2	Slab 6	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30				
Span 2	Slab 6	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77				
Span 2	Slab 7	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30				
Span 2	Slab 7	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77				
Span 2	Slab 8	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30				
Span 2	Slab 8	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77				
Span 2	Slab 9	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30				
Span 2	Slab 9	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77				
Span 2	Slab 10	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30				
Span 2	Slab 10	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77				
Span 2	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	30				
Span 2	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	30				

Location	Name	Component	Element Name	Amount	
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	723	
Span 3	Slab 1	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30	
Span 3	Slab 1	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77	
Span 3	Slab 2	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30	
Span 3	Slab 2	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77	
Span 3	Slab 3	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30	
Span 3	Slab 3	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77	
Span 3	Slab 4	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30	
Span 3	Slab 4	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77	
Span 3	Slab 5	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30	
Span 3	Slab 5	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77	
Span 3	Slab 6	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30	
Span 3	Slab 6	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77	
Span 3	Slab 7	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30	
Span 3	Slab 7	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77	
Span 3	Slab 8	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30	
Span 3	Slab 8	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77	
Span 3	Slab 9	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30	
Span 3	Slab 9	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77	
Span 3	Slab 10	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30	
Span 3	Slab 10	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77	
Span 3	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	30	
Span 3	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	30	
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	723	
Span 4	Slab 1	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31	
Span 4	Slab 1	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78	
Span 4	Slab 2	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31	
Span 4	Slab 2	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78	
Span 4	Slab 3	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31	
Span 4	Slab 3	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78	
Span 4	Slab 4	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31	
Span 4	Slab 4	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78	
Span 4	Slab 5	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31	
Span 4	Slab 5	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78	
Span 4	Slab 6	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31	
Span 4	Slab 6	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78	
Span 4	Slab 7	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31	
Span 4	Slab 7	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78	
Span 4	Slab 8	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31	
Span 4	Slab 8	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78	
Span 4	Slab 9	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31	
Span 4	Slab 9	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78	
Span 4	Slab 10	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31	
Span 4	Slab 10	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78	
Span 4	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	31	

Location	Name	Component	Element Name	Amount
Span 4	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	31
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	733
Bent 1	Bent 1 Cap	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	26
Bent 1	Pile 1	Timber Pile	Timber Pile	1
Bent 1	Pile 2	Timber Pile	Timber Pile	1
Bent 1	Pile 3	Timber Pile	Timber Pile	1
Bent 1	Pile 4	Timber Pile	Timber Pile	1
Bent 1	Pile 5	Timber Pile	Timber Pile	1
Bent 1	Pile 6	Timber Pile	Timber Pile	1
Bent 1	Pile 7	Timber Pile	Timber Pile	1
End Bent 1	End Bent Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	26
End Bent 1	Pile 1	Timber Pile	Timber Pile	1
End Bent 1	Pile 2	Timber Pile	Timber Pile	1
End Bent 1	Pile 3	Timber Pile	Timber Pile	1
End Bent 1	Pile 4	Timber Pile	Timber Pile	1
End Bent 1	Pile 5	Timber Pile	Timber Pile	1
End Bent 1	Abutment	Timber Abutment	Timber Abutment	36
Bent 2	Bent 2 Cap	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	26
Bent 2	Pile 1	Timber Pile	Timber Pile	1
Bent 2	Pile 2	Steel Pile	Steel Pile	1
Bent 2	Pile 3	Timber Pile	Timber Pile	1
Bent 2	Pile 4	Timber Pile	Timber Pile	1
Bent 2	Pile 5	Timber Pile	Timber Pile	1
End Bent 2	End Bent 2 Cap	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	26
End Bent 2	Pile 1	Timber Pile	Timber Pile	1
End Bent 2	Pile 2	Timber Pile	Timber Pile	1
End Bent 2	Pile 3	Timber Pile	Timber Pile	1
End Bent 2	Pile 4	Timber Pile	Timber Pile	1
End Bent 2	Pile 5	Timber Pile	Timber Pile	1
End Bent 2	Pile 6	Timber Pile	Timber Pile	1
End Bent 2	Pile 7	Timber Pile	Timber Pile	1
End Bent 2	Abutment	Timber Abutment	Timber Abutment	36
Bent 3	Bent 3 Cap	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	26
Bent 3	Pile 1	Timber Pile	Timber Pile	1
Bent 3	Pile 2	Timber Pile	Timber Pile	1
Bent 3	Pile 3	Timber Pile	Timber Pile	1
Bent 3	Pile 4	Timber Pile	Timber Pile	1
Bent 3	Pile 5	Timber Pile	Timber Pile	1
Crutch Bent 1 Span 1	Cap 1	Steel Pier Cap	Steel Pier Cap	34
Crutch Bent 1 Span	Pile 1	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 1 Span	Pile 2	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 1 Span 2	Cap 1	Steel Pier Cap	Steel Pier Cap	34
Crutch Bent 1 Span 2	Pile 1	Steel Cross Cap Crutch Pile	Steel Pile	1

Location	Name	Component	Element Name	Amount
Crutch Bent 1 Span Pile	2	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 2 Span Cap 2	o 1	Steel Pier Cap	Steel Pier Cap	34
Crutch Bent 2 Span Pile	9 1	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 2 Span Pile	2	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 1 Span Car 3	o 1	Steel Pier Cap	Steel Pier Cap	34
Crutch Bent 1 Span Pile	91	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 1 Span Pile	2	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 2 Span Car 3	o 1	Steel Pier Cap	Steel Pier Cap	34
Crutch Bent 2 Span Pile	91	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 2 Span Pile	2	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 1 Span Car 4	o 1	Steel Pier Cap	Steel Pier Cap	34
Crutch Bent 1 Span Pile	91	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 1 Span Pile	2	Steel Cross Cap Crutch Pile	Steel Pile	1

General Inspection Notes

Bent 1	Pile 1	
pile is no longe	r in use and has been replaced by crutch b	ent
Bent 1	Pile 2	
pile is no longe	r in use and has been replaced by crutch b	ent
Bent 1	Pile 3	
pile is no longe	r in use and has been replaced by crutch b	ent
Bent 1	Pile 4	
pile is no longe	r in use and has been replaced by crutch b	ent
Bent 1	Pile 5	
pile is no longe	r in use and has been replaced by crutch b	ent
Bent 1	Pile 6	
pile is no longe	r in use and has been replaced by crutch b	ent
Bent 1	Pile 7	
pile is no longer	r in use and has been replaced by crutch b	ent
Bent 2	Pile 4	
pile has been re	eplaced with adjacent pile 5	
Bent 2	Pile 5	
pile is no longe	r in use and has been replaced by crutch b	ent
Bent 2	Pile 7	
pile has been re	eplaced with adjacent pile 6	
Bent 3	Pile 2	
pile is no longe	r in use and has been replaced by crutch b	ent
Bent 3	Pile 3	
pile is no longe	r in use and has been replaced by crutch b	ent
Bent 3	Pile 4	
pile is no longer	r in use and has been replaced by crutch b	ent
Bent 3	Pile 5	
pile is no longe	r in use and has been replaced by crutch b	ent

National Bridge and NC Inspection Items

Structure Number: 910126

Inspection Date: 08/10/2021

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0-9, N	5
Item 59: Superstructure	0-9, N	3
Item 60: Substructure	0 - 9 , N	3
Item 61: Channel and Channel Protection	0 - 9 , N	6
Item 62: Culvert	0 - 9 , N	N
Item 71: Waterway Adequacy	0 - 9 , N	5
Item 72: Approach Roadway Alignment	0 - 9 , N	6

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	F	3082	3376
Drainage System	G, F, P, or C	F	242	3332
Utilities	G, F, P, or C	Р		
Slope Protection	G, F, P, or C			
Scour	G, F, P, or C	F		
Wingwall	G, F, P, or C		0	3350
Field Scour Evaluation		U		
Drift	G, F, P, or C	G	0	3366
Fender System	G, F, P, or C			
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	F		
Superstructure Paint Code				

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	Y
Priority Maintenance Request Submitted	YES/NO	Y
Inspection Time	Hours	10
Traffic Control Time	Hours	
Snooper Time	Hours	
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	N

National Bridge and NC SMU Inspection Item Details

•.	2	.				
Item	Superstructure - Item 59	Grade 3	Maint Code	Qty.	0	
Details	multiple channels with exposed and deteriorated st	rands. 1 strand has fail	ed (span 1 channel 10 at	midspar	1)	
ltem	Substructure - Item 60	Grade 3	Maint Code	Qty.	0	
Details	Decay with fill loss and erosion at abutments and d Temporary shoring - original interior bents are no lo	lecay on end bent piles onger in service; chann	els are only resting on cru	utch bent	s.	
ltem	Channel and Channel Protection - Item 61	Grade 6	Maint Code	Qty.	0	
Details	streambank near bent 1, vertical cuts (30ft x 3ft)					
ltem	Waterway Adequacy - Item 71	Grade 5	Maint Code	Qty.	0	
Details	drift found on top of caps at crutch bents, evidence	that bridge might over	ор			
ltem	Approach Roadway Alignment - Item 72	Grade 6	Maint Code	Qty.	0	
Details	roadway curves at both ends of structure and narro	ows at bridge causing a	reduction in speed			
ltem	Sign Notice Issued	Grade Y	Maint Code	Qty.	0	
Details	(PAR) clear roadway of bridge between 18ft-25ft; a	pproach roadway (25.6	oft) wider than clear roadv	vay of bri	dge (24.0	83
ltem	Deck Debris	Grade F	Maint Code 3376	Qty.	3082	
Details	along both curbs, debris and vegetation growth (ful	l length x 1ft x up to 3ir	n deep)			
ltem	Drainage System	Grade F	Maint Code 3332	Qty.	242	
Details	vegetation growth throughout gutterlines affecting of	drainage				
ltem	Utilities	Grade P	Maint Code	Qty.	0	
Details	utility broken at multiple locations throughout struct	ure				
Item	Scour	Grade F	Maint Code	Qty.	0	
Details	undermining of End Bent 1 pile concrete collars					
ltem	Response to live load	Grade F	Maint Code	Qty.	0	
Details	some vibrations under live load					
ltem	General Comments and Misc Items	Grade	Maint Code	Qty.	0	
Details	(PAR) southeast corner of bridge adjacent to roady	vay, erosion hole (3ft lo	ng x 2.5ft wide x up to 4ft	: deep) u	p to 1ft of	

(PAR) northeast delineator covered by vegetation (southwest delineator similar)

Date: 08/10/2021

Condition Photos



General Comments and Misc. Items: (PAR) southeast corner of bridge adjacent to roadway, erosion hole (3ft long x 2.5ft wide x up to 4ft deep) up to 1ft of undermining of roadway



Span 1 Wearing Surface: over end bent 1, transverse crack (full width x up to 1/8in)

Structure: 910126

Date: 08/10/2021

Condition Photos



Span 1 Wearing Surface: along edges of channels, (5) longitudinal cracks (full length x 1/16in)



Span 1 Left Bridge Rail: along length of rail, active corrosion with no section loss noted

Date: 08/10/2021

Condition Photos



Span 2 Wearing Surface: UP TO 1/8" TRANSVERSE CRACKING OVER BENT 1



Deck Debris: along both curbs, debris and vegetation (full length x 1ft x up to 3in deep)

Structure: 910126

County: WAKE

Date: 08/10/2021

Condition Photos



Span 1 Right Bridge Rail: at rail post 2, spall [3ft x 10in x 3in deep]



Span 1 Wearing Surface: northbound lane at bent 1, pothole (6in x 20in x up to 1-1/2in deep)

Structure: 910126

County: WAKE

Date: 08/10/2021

Condition Photos



Span 2 Right Bridge Rail: at rail post 5, delamination/spall [2ft x 8in x 3in deep]



Span 3 Right Bridge Rail: along length of rail at top, three [3] areas of impact damage [up to 3ft x 3in]

Date: 08/10/2021

Condition Photos



Span 4 Wearing Surface: northbound lane along edge of channels 8 and 9, pothole (20ft x 3in x 1in)



Span 4 Left Bridge Rail: [PAR] rail post 6 is missing

Date: 08/10/2021

Condition Photos



Span 4 Left Bridge Rail: (PAR) at rail posts 3,4 & 5, delamination/spall [up to 3ft x 11in x 3in deep] allowing excessive deflection of rail



General Comments and Misc. Items: (PAR) northeast delineator covered by vegetation

Date: 08/10/2021

Condition Photos



End Bent 1 Cap 1: over pile 3, spall/delamination [8in x 5in x 1/4in deep]



End Bent 1 Pile 3: (PAR) at base of pile, multiple checks [full height x up to 1/4in wide x up to 2in deep], decay [14in x 10in x 3in deep]

Date: 08/10/2021

Condition Photos



End Bent 1 Abutment: [PAR] between piles 3 and 5 second bulkhead board below cap, decay [10ft x up to full height x full width] with fill exposed



End Bent 1 Pile 1: (PAR) along height of exposed pile, multiple checks [full height x up to 1/8in], pile sounds hollow when hammered

Structure: 910126

County: WAKE

Date: 08/10/2021

Condition Photos



End Bent 1 Pile 5: (PAR) concrete collar is undermined (60%)



Span 1 Slab 1: left and right leg near midspan, multiple spalls/delaminations [up to 5in x 4in x 3/4in deep] with two exposed stirrups [no section loss noted]

Condition Photos



Span 1 Slab 1: (PAR) left and right leg at bent 1, four [4] spalls/delaminations [up to 12in x 5in x 1in deep] with loss of bearing area



Span 1 Slab 2: [PAR] left leg near midspan, spall [16in x 5in x full width] with exposed strand that exhibits section loss [up to 25%]

Date: 08/10/2021

Condition Photos



Span 1 Slab 2: (PAR) left and right leg at bent 1, three [3] spalls/delaminations [up to 10in x 6in x 1in deep] channel legs crushing and bottom of channel legs sits below top of crutch bent cap



Span 1 Slab 3: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 6in x 1in deep] with exposed strand, channel legs crushing and bottom of channel legs sits below top of crutch bent cap

Date: 08/10/2021

Condition Photos



Span 1 Slab 4: (PAR) right leg at bent 1, spalled patched area [12in x full width x 5in high] with exposed strands



Span 1 Slab 4: left leg at bent 1, two [2] spalls [up to 12in x 4in x 1in deep]



Span 1 Slab 5: (PAR) right leg at midspan, spall (40in x 3in deep) with exposed strand (25% section loss)



Span 1 Slab 9: left leg at far end, two [2] spalls [up to 4in diameter x 1in deep] with one [1] exposed stirrup [loss < 1/16in]

Condition Photos



Span 1 Slab 10: [PAR] left leg at midspan, spall/delamination, [11ft x full width of leg x 11in high] with four [4] exposed prestressed strands, three [3] of the exposed strands have failed with remaining one [1] strand exhibiting section loss [up to 40%] (photo 1 of 2)

Date: 08/10/2021

Condition Photos



Span 1 Slab 10: [PAR] left leg at midspan, spall/delamination, [11ft x full width of leg x 11in high] with four [4] exposed prestressed strands, three [3] of the exposed strands have failed with remaining one [1] strand exhibiting section loss [up to 40%] (photo 2 of 2)



Span 1 Slab 10: right leg at far end over bearing, spall [18in x 9in x 1/2in deep]



Span 1 Crutch Bent 1 Cap 1: along length of cap at lower web and top flange, corrosion with section loss [<1/16in] with adjacent spot rust

Date: 08/10/2021

Condition Photos



Span 2 Slab 1: right leg 6ft from bent 2, spall (30in x 3in x 3/4in) with exposed rusted rebar



Span 2 Slab 2: [PAR] left and right leg at bent 2, two [2] spalls/delaminations [up to 36in x 6in x full width], with two [2] exposed stirrups [no section loss noted] and exposed strand [section loss up to 20%]



Span 2 Slab 5: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 8in x up to full width], with exposed stirrup [no section loss noted] channel legs crushing and bottom of channel legs sits below top of crutch bent cap (photo 1 of 2)

Structure: 910126

County: WAKE

Date: 08/10/2021

Condition Photos



Span 2 Slab 5: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 8in x up to full width], with exposed stirrup [no section loss noted] channel legs crushing and bottom of channel legs sits below top of crutch bent cap (photo 2 of 2)

Condition Photos



Span 2 Slab 7: [PAR] left leg near midspan, spall/delamination [30in x 4in x full width], with exposed strand [section loss up to 30%]



Span 2 Slab 9: [PAR] right leg at bent 1, spall/delamination [52in x 8in x up to full width] with one exposed strand (50% section loss on strand)

Date: 08/10/2021

Condition Photos



Span 2 Slab 9: [PAR] right leg 12ft from bent 1, spall/delamination [6ft x 3in x full width] with exposed strand (25% section loss)



Span 2 Slab 10: left and right leg at bent 1, four [4] spalls [up to 18in x 6in x 1/2in]

Date: 08/10/2021

Condition Photos



Span 2 Slab 10: left leg at midspan, delamination (4ft x 2in high) with longitudinal crack crack (up to 1/8in)



Span 3 Slab 2: [PAR] left leg at bent 3, spall [6ft x full width x 5in], with exposed strand (40% section loss)

Structure: 910126

County: WAKE

Date: 08/10/2021

Condition Photos



Span 3 Slab 2: (PAR) right leg at midspan, spall (20in x 5in x 3/4in) with exposed rusted strand



Span 3 Slab 5: (PAR) right leg at bent 3, spall [6in x 4in x full width], with exposed strand

Condition Photos



Span 3 Slab 6: [PAR] left leg at far third, spall [2ft x 5in] with exposed strand



Span 4 Slab 1: right leg near midspan, spall [12in x 8in x 3/4in] with exposed stirrup [no section loss noted]



Span 4 Slab 2: left leg at bent 3, spall [6in x 6in x 1/2in deep]



Span 4 Slab 4: (PAR) at far end of both legs, three [3] spalls/delaminations [6in x 6in x 1-1/2in deep] with one exposed strand [section loss up to 10%]

Condition Photos



Span 4 Slab 8: [PAR] right leg at far third, spall [4ft x 3in x full width] with exposed strand



Span 4 Slab 8: (PAR) left leg at far third, spall/delamination [36in x 3in x 2in deep] with exposed rusted strand

Date: 08/10/2021

Condition Photos



Span 4 Slab 10: [PAR] 5 TOTAL AREAS OF AREAS IN LEFT LEG OF FULL WIDTH X UP TO 6" HIGH SPALLS WITH EXPOSED STRANDS FOR 20' TOTAL (20% SECTION LOSS) (PHOTO 1 OF 4)



Span 4 Slab 10: [PAR] 5 TOTAL AREAS OF AREAS IN LEFT LEG OF FULL WIDTH X UP TO 6" HIGH SPALLS WITH EXPOSED STRANDS FOR 20' TOTAL (20% SECTION LOSS) (PHOTO 2 OF 4)

Date: 08/10/2021

Condition Photos



Span 4 Slab 10: [PAR] 5 TOTAL AREAS OF AREAS IN LEFT LEG OF FULL WIDTH X UP TO 6" HIGH SPALLS WITH EXPOSED STRANDS FOR 20' TOTAL (20% SECTION LOSS) (PHOTO 3 OF 4)



Span 4 Slab 10: [PAR] 5 TOTAL AREAS OF AREAS IN LEFT LEG OF FULL WIDTH X UP TO 6" HIGH SPALLS WITH EXPOSED STRANDS FOR 20' TOTAL (20% SECTION LOSS) (PHOTO 4 OF 4)
Date: 08/10/2021

Condition Photos



Span 4 Slab 10: right leg at bent 3, spall [10in x 4in x 3/4in deep]



End Bent 2 Abutment: [PAR] between piles 1 and 2, lower board decay [3ft x 4in x full width] with exposed/missing backfill material

County: WAKE

Date: 08/10/2021

Condition Photos



End Bent 2 Pile 3: at base of pile, decay (8in x 1in x 1-1/2in deep)

Stream Bed Soundings (Profile diagram on following sheet)

County WAKE

Structure Number: 910126

Inspection Date 08/10/2021

Sounding recorded from: Top of Bridge Rail

Highwater Mark Distance 4.33

Location of Highwater Mark top of crutch bent cap

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	2.500	0.000	fill face
0.250	2.500	0.000	top of bulkhead
0.260	4.800	0.000	top of cap
1.250	4.800	0.000	top of cap
1.260	6.400	8.300	ground at cap
12.800	9.000	0.000	ground
17.000	11.500	0.000	ground
29.070	11.500	11.500	span 1 crutch bent 1
30.400	11.700	11.400	bent 1
31.730	11.700	11.400	span 2 crutch bent 1
35.400	12.000	0.000	ground
36.000	14.000	0.000	water surface water edge (wswe)
51.500	16.000	0.000	streambed
59.470	16.000	13.000	span 2 crutch bent 2
60.800	16.000	13.300	bent 2
62.130	16.000	13.300	span 3 crutch bent 1
74.700	14.000	0.000	streambed
88.770	14.700	13.300	span 3 crutch bent 2
90.100	14.700	13.300	bent 3
91.000	13.800	0.000	water surface water edge (wswe)
91.430	13.500	13.300	span 4 crutch bent 1
98.000	8.900	0.000	ground
119.574	6.000	7.400	ground at cap
119.584	4.800	0.000	top of cap
120.574	4.800	0.000	top of cap
120.584	2.500	0.000	top of bulkhead
120.834	2.500	0.000	fill face



Structure Data Worksheet



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	30.417	28.670			
	•		1	27.500	1.167
2	30.000	28.670			
			1	1.167	27.500
			2	27.500	1.167
3	30.000	28.670			
			1	1.167	27.500
			2	27.500	1.167
4	30.417	28.670			
			1	1.167	27.500

Date: 08/10/2021

Structure Photos



posting sign northwest corner



south approach, looking north

County: WAKE

Date: 08/10/2021

Structure Photos



posting sign southeast corner



asphalt wearing surface over end bent 1

County: WAKE

Date: 08/10/2021

Structure Photos



east bridge rail



west bridge rail

Date: 08/10/2021

Structure Photos



asphalt wearing surface over bent 1



asphalt wearing surface over bent 2

County: WAKE

Date: 08/10/2021

Structure Photos



looking upstream, east



asphalt wearing surface over bent 3

County: WAKE

Date: 08/10/2021

Structure Photos



south approach, looking south (backstation)



north approach, looking north (upstation)

County: WAKE

Date: 08/10/2021

Structure Photos



asphalt wearing surface over end bent 2



north approach, looking south

County: WAKE

Date: 08/10/2021

Structure Photos



asphalt wearing surface



looking downstream, west

County: WAKE

Date: 08/10/2021

Structure Photos



underside of channels (span 2)



end bent 1

County: WAKE

Date: 08/10/2021

Structure Photos



bent 1



County: WAKE

Date: 08/10/2021

Structure Photos



bent 3



upstream profile, looking west

County: WAKE

Date: 08/10/2021

Structure Photos



stream underview looking downstream, west (span 2)



channels on bent 2

County: WAKE

Date: 08/10/2021

Structure Photos



end bent 2



stream underview looking upstream, east (spans 2 and 3)

County: WAKE

Date: 08/10/2021

Structure Photos



downstream profile, looking east



channels on bent 1

County: WAKE

Date: 08/10/2021

Structure Photos



channels on bent 3

Bridge: 9	10126 Co	ounty WAKE		Date:	
	These Repairs	Should Be Mac	le Within Twelve	Months From Date Of This Inspection	
MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3102	Removal of Hazard	EA	1	(PAR) southeast corner of bridge adjacent to roadway, erosion hole (3ft long x 2.5ft wide x up to 4ft deep) up to 1ft of undermining of roadway	
👋 3102	Removal of Hazard	EA	2	(PAR) northeast delineator covered by vegetation (southwest delineator similar)	
3250	Install or Replace Ground Mounted Signs	SF	2	(PAR) clear roadway of bridge between 18ft-25ft; approach roadway (25.6ft) wider than clear roadway of bridge (24.083ft)	
3306 🔌	Maintain Concrete Superstructure Components	SF	1	Span 1 Slab 1: (PAR) left and right leg at bent 1, four [4] spalls/delaminations [up to 12in x 5in x 1in deep] with loss of bearing area	
👋 3306	Maintain Concrete Superstructure Components	SF	2	Span 1 Slab 2: [PAR] left leg near midspan, spall [16in x 5in x full width] with exposed strand that exhibits section loss [up to 25%]	
3306	Maintain Concrete Superstructure Components	SF	2	Span 1 Slab 3: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 6in x 1in deep] with exposed strand, channel legs crushing and bottom of channel legs sits below top of crutch bent cap	
🔌 3306	Maintain Concrete Superstructure Components	SF	1	Span 1 Slab 4: (PAR) right leg at bent 1, spalled patched area [12in x full width x 5in high] with exposed strands	
3306 🔌	Maintain Concrete Superstructure Components	SF	4	Span 1 Slab 5: (PAR) right leg at midspan, spall (40in x 3in deep) with exposed strand (25% section loss)	
🔌 3306	Maintain Concrete Superstructure Components	SF	11	Span 1 Slab 10: [PAR] left leg at midspan, spall/delamination, [11ft x full width of leg x 11in high] with four [4] exposed prestressed strands, three [3] of the	

🔍 3306

Maintain

Concrete Superstructure

Components

3

SF

exposed strands have failed with

stirrups [no section loss noted] and exposed strand [section loss up to 20%]

loss [up to 40%]

remaining one [1] strand exhibiting section

Span 2 Slab 2: [PAR] left and right leg at bent 2, two [2] spalls/delaminations [up to

36in x 6in x full width], with two [2] exposed

Bridge: 910126

County WAKE

Date:

Bliuge. 9	10120 00	Juniy WARE		Date.	
	These Repairs	Should Be Mad	le Within Twelve	Months From Date Of This Inspection	
MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3306	Maintain Concrete Superstructure Components	SF	1	Span 2 Slab 5: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 8in x up to full width], with exposed stirrup [no section loss noted] channel legs crushing and bottom of channel legs sits below top of crutch bent cap	
3306 🔌	Maintain Concrete Superstructure Components	SF	3	Span 2 Slab 7: [PAR] left leg near midspan, spall/delamination [30in x 4in x full width], with exposed strand [section loss up to 30%]	
3306	Maintain Concrete Superstructure Components	SF	5	Span 2 Slab 9: [PAR] right leg at bent 1, spall/delamination [52in x 8in x up to full width] with one exposed strand (50% section loss on strand)	
3306 🔌	Maintain Concrete Superstructure Components	SF	6	Span 2 Slab 9: [PAR] right leg 12ft from bent 1, spall/delamination [6ft x 3in x full width] with exposed strand (25% section loss)	
3306	Maintain Concrete Superstructure Components	SF	6	Span 3 Slab 2: [PAR] left leg at bent 3, spall [6ft x full width x 5in], with exposed strand (40% section loss)	
3306	Maintain Concrete Superstructure Components	SF	2	Span 3 Slab 2: (PAR) right leg at midspan, spall (20in x 5in x3/4in)	
💐 3306	Maintain Concrete Superstructure Components	SF	1	Span 3 Slab 5: (PAR) right leg at bent 3, spall [6in x 4in x full width], with exposed strand	
💐 3306	Maintain Concrete Superstructure Components	SF	2	Span 3 Slab 6: [PAR] left leg at far third, spall [2ft x 5in] with exposed strand	
🔌 3306	Maintain Concrete Superstructure Components	SF	4	Span 4 Slab 8: [PAR] right leg at far third, spall [4ft x 3in x full width] with exposed strand	
3306	Maintain Concrete Superstructure Components	SF	20	Span 4 Slab 10: [PAR] 5 TOTAL AREAS OF AREAS IN LEFT LEG OF FULL WIDTH X UP TO 6" HIGH SPALLS WITH EXPOSED STRANDS FOR 20' TOTAL (20% SECTION LOSS) (PHOTO 4 OF 4)	

Bridge: 910126

County WAKE

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	2	Span 1 Slab 2: (PAR) left and right leg at bent 1, three [3] spalls/delaminations [up to 10in x 6in x 1in deep] channel legs crushing and bottom of channel legs sits below top of crutch bent cap					
3306 🔌	Maintain Concrete Superstructure Components	SF	1	Span 4 Slab 4: (PAR) at far end of both legs, three [3] spalls/delaminations [6in x 6in x 1-1/2in deep] with one exposed strand [section loss up to 10%]					
🔌 3306	Maintain Concrete Superstructure Components	SF	1	Span 4 Slab 8: (PAR) left leg at far third, spall/delamination [36in x 3in x 2in deep] with exposed rusted strand					
3318	Maint to Concrete Handrail	LF	9	Span 4 Left Bridge Rail: (PAR) at rail posts 3,4 & 5, delamination/spall [up to 3ft x 11in x 3in deep] allowing excessive deflection of rail					
戦 3318	Maint to Concrete Handrail	LF	1	Span 4 Left Bridge Rail: [PAR] rail post 6 is missing					
3344 🔌	Repair / Replace Timber Substructure Components	LF	1	End Bent 1 Pile 3: (PAR) at base of pile, multiple checks [full height x up to 1/4in wide x up to 2in deep], decay [14in x 10in x 3in deep]					
3344 🔌	Repair / Replace Timber Substructure Components	LF	1	End Bent 1 Pile 1: (PAR) along height of exposed pile, multiple checks [full height x up to 1/8in], pile sounds hollow when hammered					
🔌 3344	Repair / Replace Timber Substructure Components	LF	1	End Bent 1 Pile 5: (PAR) concrete collar is undermined (60%)					
3346 🔌	Repair / Maintain Timber Wings & Blkhds	SF	10	End Bent 1 Abutment: [PAR] between piles 3 and 5 second bulkhead board below cap, decay [10ft x up to full height x full width] with fill exposed					
3346 🔌	Repair / Maintain Timber Wings & Blkhds	SF	3	End Bent 2 Abutment: [PAR] between piles 1 and 2, lower board decay [3ft x 4in x full width] with exposed/missing backfill material					

Bridge: 910126 County WAKE

MMS Code	MM	MMS Description						
3102	Rem	loval of Ha	azard		1	EA		
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
Priority Main	ntenano	се	Division Bridge Maintenance Notif	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:				
08/11/2021		MICHAE	EL MEYER					
Details								
(PAR) south undermining	east co of roa	orner of bi idway	ridge adjacent to roadway, erosion	hole (3ft long x 2.5ft wide x up to 4ft	deep) up to	1ft of		

MMS Code	MMS De	MMS Description				
3102	Removal	of H	azard		2	EA
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Priority Mair	ntenance		Division Bridge Maintenance Noti	fication		
Submitted D	Date: Sub	nitte	d By:	Assisted By:		
08/17/2021	MIC	HAI	EL MEYER			
Details						
(PAR) north	east delinea	tor o	covered by vegetation (southwest d	elineator similar)		

Bridge: 910126 C

County WAKE

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

MMS Code	MN	IS Descrip	otion		Quantity		
3250	Insta	all or Repl	ace Ground Mounted Signs		2	SF	
Location:							
			Bent/Span No.				
Priority Leve	÷		Status				
Priority Main	itenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
08/17/2021		MICHAE	EL MEYER				
Details							
(PAR) clear (24.083ft)	roadw	ay of bridg	je between 18ft-25ft; approach road	dway (25.6ft) wider than clear roadw	ay of bridge		

MMS Code	MMS	MMS Description				
3306	Maint	tain Conc	rete Superstructure Components		1	SF
Location:						
			Bent/Span No.			
Priority Level			Status			
Priority Main	tenance	e	Division Bridge Maintenance Noti	fication		
Submitted D	ate:	Submitte	d By:	Assisted By:		
08/11/2021		MICHAE	EL MEYER			
Details						

Span 1 Slab 1: (PAR) left and right leg at bent 1, four [4] spalls/delaminations [up to 12in x 5in x 1in deep] with loss of bearing area

Bridge: 910126 County

County WAKE

MMS Code	MM	S Descrip	otion	MMS Description				
3306	Main	tain Conc	crete Superstructure Components		2	SF		
Location:								
			Bent/Span No.					
Priority Leve)		Status					
Priority Mair	ntenanc	;e	Division Bridge Maintenance Notification					
Submitted D	Date:	Submitte	d By:	Assisted By:				
08/11/2021		MICHAE	EL MEYER					
Details								
Span 1 Slab [up to 25%]	2: [PAI	R] left leg	near midspan, spall [16in x 5in x fu	ull width] with exposed strand that ex	hibits sectio	n loss		

MMS Code	MN	/IS Descrip	Quantity				
3306	Mai	ntain Conc	crete Superstructure Components		2	SF	
Location:							
			Bent/Span No.				
Priority Level Status			Status				
Priority Mair	itenan	се	Division Bridge Maintenance Notif	fication			
Submitted D	ate:	Submitte	d By:	Assisted By:			
08/11/2021		MICHAE	EL MEYER				
Details	Details						
Span 1 Slab channel leg:	Span 1 Slab 3: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 6in x 1in deep] with exposed strand, channel legs crushing and bottom of channel legs sits below top of crutch bent cap						

Bridge: 910126 County WAKE

MMS Code	MMS	S Descrip	otion		Quantity	
3306	Maint	tain Conc	crete Superstructure Components		1	SF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Priority Mair	ntenanc	;e	Division Bridge Maintenance Noti	fication		
Submitted D	Date:	Submitte	d By:	Assisted By:		
08/11/2021		MICHAE	EL MEYER			
Details						
Span 1 Slab	› 4: (PAI	R) right le	yg at bent 1, spalled patched area [12in x full width x 5in high] with expo	sed strands	

MMS Code	MN	MMS Description			Quantity		
3306	Mair	ntain Conc	crete Superstructure Components			SF	
Location:							
	Bent/Span No.						
Priority Level			Status				
Priority Main	itenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
08/11/2021		MICHAE	EL MEYER				
Details	Details						
Span 1 Slab	Span 1 Slab 5: (PAR) right leg at midspan, spall (40in x 3in deep) with exposed strand (25% section loss)						

Bridge: 910126 Coun

County WAKE

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

MMS Code	MM	MMS Description				Quantity		
3306	Main	Maintain Concrete Superstructure Components			11	SF		
Location:	Location:							
			Bent/Span No.					
Priority Leve	el l		Status	Status				
Priority Mair	ntenanc	ce	Division Bridge Maintenance Notification					
Submitted D	ate:	Submitte	d By:	Assisted By:				
08/11/2021		MICHAE	EL MEYER					
Details								
Span 1 Slab prestressed [up to 40%]	Span 1 Slab 10: [PAR] left leg at midspan, spall/delamination, [11ft x full width of leg x 11in high] with four [4] exposed prestressed strands, three [3] of the exposed strands have failed with remaining one [1] strand exhibiting section loss [up to 40%]							

MMS Code	MM	MMS Description			Quantity		
3306	Mair	aintain Concrete Superstructure Components			3	SF	
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
Priority Main	tenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
08/11/2021		MICHAEL MEYER					
Details	Details						
Span 2 Slah	2. [D/		d right log at hant 2, two [2] analla/	deleminations [up to 26in x 6in x full x	width with t	NO [2]	

Span 2 Slab 2: [PAR] left and right leg at bent 2, two [2] spalls/delaminations [up to 36in x 6in x full width], with two [2] exposed stirrups [no section loss noted] and exposed strand [section loss up to 20%]

Bridge: 910126 Cour

County WAKE

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

MMS Code	MN	MMS Description			Quantity		
3306	Maiı	ntain Conc	crete Superstructure Components		1	SF	
Location:							
			Bent/Span No.				
Priority Leve	əl		Status				
Priority Main	ntenan	се	Division Bridge Maintenance Notification				
Submitted D	Date:	Submitte	d By:	Assisted By:			
08/11/2021		MICHAE	EL MEYER				
Details							
Span 2 Slab [no section l	Span 2 Slab 5: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 8in x up to full width], with exposed stirrup [no section loss noted] channel legs crushing and bottom of channel legs sits below top of crutch bent cap						

MMS Code	MM	IMS Description					
3306	Main	ntain Concrete Superstructure Components			3	SF	
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
Priority Main	tenanc	e .	Division Bridge Maintenance Notification				
Submitted Da	ate:	Submitte	d By:	Assisted By:			
08/11/2021		MICHAEL MEYER					
Details	Details						

Span 2 Slab 7: [PAR] left leg near midspan, spall/delamination [30in x 4in x full width], with exposed strand [section loss up to 30%]

Bridge: 910126 County WAKE

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

MMS Code	MM	MMS Description			Quantity			
3306	Mair	Maintain Concrete Superstructure Components			5	SF		
Location:	Location:							
	Bent/Span No.							
Priority Leve	el		Status	Status				
Priority Mair	ntenand	се	Division Bridge Maintenance Notification					
Submitted D	oate:	Submitte	d By:	Assisted By:				
08/11/2021		MICHAE	EL MEYER					
Details								
Span 2 Slab 9: [PAR] right leg at bent 1, spall/delamination [52in x 8in x up to full width] with one exposed strand (50% section loss on strand)								

MMS Code	MMS	S Descrip	Description			
3306	Maint	ain Concrete Superstructure Components				SF
Location:	Location:					
Bent/Span No.						
Priority Level			Status			
Priority Main	tenance	е	Division Bridge Maintenance Notification			
Submitted D	ate: S	Submitte	d By:	Assisted By:		
08/11/2021		MICHAEL MEYER				
Details	Details					

Span 2 Slab 9: [PAR] right leg 12ft from bent 1, spall/delamination [6ft x 3in x full width] with exposed strand (25% section loss)

Bridge: 910126 Count

County WAKE

MMS Code	MM	MMS Description				Quantity	
3306	Mair	Maintain Concrete Superstructure Components			6	SF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	се	Division Bridge Maintenance Notification				
Submitted D	Date:	Submitte	d By:	Assisted By:			
08/11/2021		MICHAE	EL MEYER				
Details							
Span 3 Slab	Span 3 Slab 2: [PAR] left leg at bent 3, spall [6ft x full width x 5in], with exposed strand (40% section loss)						

MMS Code	MN	MMS Description					
3306	Mair	Maintain Concrete Superstructure Components			2	SF	
Location:							
			Bent/Span No.				
Priority Leve)		Status				
Priority Mair	itenan	се	Division Bridge Maintenance Notification				
Submitted D	oate:	Submitte	d By:	Assisted By:			
08/11/2021		MICHAE	EL MEYER				
Details							
Span 3 Slab	2: (PA	AR) right le	∍g at midspan, spall (20in x 5in x3/∠	4in)			

Bridge: 910126

County WAKE

MMS Code	MMS De	MMS Description				Quantity	
3306	Maintain	Maintain Concrete Superstructure Components			1	SF	
Location:	Location:						
			Bent/Span No.				
Priority Leve	. 		Status				
Priority Main	tenance		Division Bridge Maintenance Notification				
Submitted D	ate: Sub	omitte	d By:	Assisted By:			
08/11/2021	MI	CHAE	EL MEYER				
Details							
Span 3 Slab	5: (PAR) ri	ight le	∋g at bent 3, spall [6in x 4in x full wi	dth], with exposed strand			

MMS Code	MN	MMS Description					
3306	Maiı	Maintain Concrete Superstructure Components			2	SF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
08/11/2021		MICHAE	EL MEYER				
Details							
Span 3 Slab 6: [PAR] left leg at far third, spall [2ft x 5in] with exposed strand							

Bridge: 910126 Count

County WAKE

MMS Code	MN	MMS Description			Quantity		
3306	Mair	ntain Conc	crete Superstructure Components		4	SF	
Location:	Location:						
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	се	Division Bridge Maintenance Notification				
Submitted D	oate:	Submitte	d By:	Assisted By:			
08/11/2021		MICHAE	EL MEYER				
Details							
Span 4 Slab	8: [P/	\R] right le	g at far third, spall [4ft x 3in x full w	<i>i</i> dth] with exposed strand			

MMS Code	MM	MMS Description						
3306	Mair	ntain Cond	20	SF				
Location:	Location:							
	Bent/Span No.							
Priority Level			Status					
Priority Maintenance			Division Bridge Maintenance Notification					
Submitted D	ate:	Submitte	d By:	Assisted By:				
08/11/2021		MICHAE	EL MEYER					
Details	Details							
Span 4 Slab 10: [PAR] 5 TOTAL AREAS OF AREAS IN LEFT LEG OF FULL WIDTH X UP TO 6" HIGH SPALLS WITH EXPOSED STRANDS FOR 20' TOTAL (20% SECTION LOSS) (PHOTO 4 OF 4)								

Bridge: 910126 Coun

County WAKE

MMS Code	MN	MMS Description						
3306	Mair	Maintain Concrete Superstructure Components						
Location:	Location:							
			Bent/Span No.					
Priority Level			Status	Status				
Priority Maintenance			Division Bridge Maintenance Notification					
Submitted D	Date:	Submitte	ed By: Assisted By:					
08/17/2021		MICHAE	EL MEYER					
Details								
Span 1 Slab 2: (PAR) left and right leg at bent 1, three [3] spalls/delaminations [up to 10in x 6in x 1in deep] channel legs crushing and bottom of channel legs sits below top of crutch bent cap								

MMS Code	MN	MMS Description						
3306	Mair	ntain Conc	1	SF				
Location:	Location:							
	Bent/Span No.							
Priority Level			Status					
Priority Maintenance		се	Division Bridge Maintenance Notification					
Submitted D	ate:	ate: Submitted By:		Assisted By:				
08/17/2021		MICHAEL MEYER						
Details	Details							
Span 4 Slab 4: (PAR) at far end of both legs, three [3] spalls/delaminations [6in x 6in x 1-1/2in deep] with one exposed strand [section loss up to 10%]								

Bridge: 910126 County WAKE

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

MMS Code	MN	/IS Descrip	Quantity					
3306	Mair	Maintain Concrete Superstructure Components			1	SF		
Location:	Location:							
			Bent/Span No.					
Priority Level			Status	Status				
Priority Maintenance			Division Bridge Maintenance Notification					
Submitted D	ate:	Submitte	ed By: Assisted By:					
08/17/2021		MICHAI	AEL MEYER					
Details								
Span 4 Slab	8: (PA	AR) left leç	at far third, spall/delamination [36i	in x 3in x 2in deep] with exposed rust	ed strand			

MMS Code	MM	MMS Description						
3318	Mair	Maint to Concrete Handrail						
Location:	Location:							
Bent/Span No.								
Priority Level			Status					
Priority Maintenance		ce	Division Bridge Maintenance Notification					
Submitted Da	Date: Submitted E		d By:	Assisted By:				
08/11/2021	MICHAEL MEYER		EL MEYER					
Details	Details							

Span 4 Left Bridge Rail: (PAR) at rail posts 3,4 & 5, delamination/spall [up to 3ft x 11in x 3in deep] allowing excessive deflection of rail

Bridge: 910126 County WAKE

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

MMS Code	MM	MMS Description				Quantity	
3318	Mair	Maint to Concrete Handrail				LF	
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
Priority Maintenance		ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
08/11/2021		MICHAE	EL MEYER				
Details							
Span 4 Left	Bridge	Rail: [PA	R] rail post 6 is missing				

MMS Code	MMS	MMS Description						
3344	Repair	ir / Repla	1	LF				
Location:	Location:							
Bent/Span No.								
Priority Level			Status					
Priority Maintenance			Division Bridge Maintenance Notification					
Submitted D	ate: Submitted By:		d By:	Assisted By:				
08/17/2021		MICHAEL MEYER						
Details	Details							

End Bent 1 Pile 3: (PAR) at base of pile, multiple checks [full height x up to 1/4in wide x up to 2in deep], decay [14in x 10in x 3in deep]
BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 County WAKE

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

MMS Code	MM	IS Descrip	otion		Quantity					
3344	Repa	air / Repla	etion ace Timber Substructure Components Bent/Span No. Status Division Bridge Maintenance Notification d By: Assisted By: EL MEYER	1	LF					
Location:										
			Bent/Span No.							
Priority Leve	riority Level Status									
Priority Mair	itenanc	се	Division Bridge Maintenance Notif	otification						
Submitted D	ate:	Submitte	d By:	Assisted By:						
08/17/2021		MICHAE	EL MEYER							
Details										
End Bent 1 when hamm	Pile 1: iered	(PAR) alo	ng height of exposed pile, multiple	checks [full height x up to 1/8in], pile	sounds holl	low				

MMS Code	MM	S Descrip	otion		Quantity				
3344	Repa	air / Repla	ace Timber Substructure Componer	nts	1	LF			
Location:									
			Bent/Span No.						
Priority Leve									
Priority Maintenance			Division Bridge Maintenance Notification						
Submitted D	ate:	Submitte	d By:	Assisted By:					
08/17/2021		MICHAE	EL MEYER						
Details									
End Bent 1	Pile 5: ((PAR) cor	ncrete collar is undermined (60%)						

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 Cour

County WAKE

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

MMS Code	MMS	S Descrip	otion		Quantity					
3346	Repai	ir / Maint	ain Timber Wings & Blkhds		10	SF				
Location:										
			Bent/Span No.							
Priority Leve										
Priority Maintenance			Division Bridge Maintenance Notification							
Submitted D	oate: {	Submitte	d By: Assisted By:							
08/17/2021		MICHAE	EL MEYER							
Details										
End Bent 1	Abutmer with fill e	nt: [PAR] exposed	between piles 3 and 5 second bull	khead board below cap, decay [10ft :	< up to full he	eight				

MMS Code	MMS	S Descrip	otion		Quantity			
3346	Repai	ir / Mainta	ain Timber Wings & Blkhds		3 SF			
Location:								
Bent/Span No.								
Priority Level								
Priority Maint	tenance	e	Division Bridge Maintenance Noti	fication				
Submitted Da	ate: S	Submitte	d By:	Assisted By:				
08/17/2021		MICHAE	EL MEYER					
Details								

End Bent 2 Abutment: [PAR] between piles 1 and 2, lower board decay [3ft x 4in x full width] with exposed/missing backfill material

Roadway	21.7ft Wide	2 Paved Lanes	Looking North
Left Shoulder	6.2ft Wide	2.7ft Paved	3.5ft Unpaved
Right Shoulder	4.9ft Wide	1.2ft Paved	3.7ft Unpaved
Left Guardrail			
Right Guardrail			

MEASUREMENTS TAKEN APPROXIMATELY 25FT SOUTH OF END BENT 1

VERIFIED BY: S. GURME 8/10/2021

Title Approach Roadway Sketch		Descri Data W	ption orksheet	
Bridge No: 910126	Drawn By: VWW		Date: 11/23/2005	File Name: S0010000292

Bridge Inspection Field Sketch Deck Width/Out to Out 25.5ft Between Rails 24.917ft 24.083ft Wearing Surface 0.333ft **Clear Roadway** Median Width Median Height Curb Height 0.583ft Right 0.583ft Left Sidewalk Width Left Right Clear Roadway (Rail to Median) Left Right Right 0.67ft Guardrail Width Left 0.67ft Right 2.67ft Top of Rail to Deck/Wearing Surface Left 2.67ft Bridge Rail Type 23 Right Type 23 Left METAL CONDUIT UTILITY ALL SPANS SIMILAR Measurements for Span # 1 0.417ft **Deck Thickness** 0ft Left Overhang 4.333ft Oft Top of Rail to Bottom of Beam **Right Overhang** Number of Channels 10 Leg Width 0.208ft 1ft Leg Height 2ft Leg to Leg (Centers) **Channel Width** 2.542ft **Channel Height** 1.417ft Comments **TYPICAL CHANNEL SKETCH** 0.417ft 2.0ft 1Ħ • 0.208ft VERIFIED BY: S. GURME 8/10/2021 Description

Typical Section Sketch

Bridge No: 910126

Title

Drawn By: VWW

Data Worksheet

		Brie	dge In	sp	ectio	on F	Fiel	d Sk	cetc ł	า		
	Concrete C Width = 27. Height = 16 Depth = 21.	ollar Oin 5.0in 5.5in	/		C V F C	Concrete Vidth = : leight = Depth =	e Collar 27.0in 18.0in 21.5in		Con Wid Heig Dep	crete th = 2 ght = 2 th = 2	Collar 7.0in 24.0in 2.0in	
Cap In	formation		Material Pr	recast	Concrete							
Lengt	h Width	Height	Left Overha	ang	Right Ove	erhang	Left Be	eam to Er	nd of Cap.	Righ	it Beam to En	d of Cap.
26.000	ft. 1.333 ft.	1.000 ft.	1.500 ft		1.500	ft.	.25	50 ft.			250 ft.	
Subca	o Information		Material									
Lengt	h Width	Height	Left Overha	ang	Right Ove	erhang	Left Pi	le to Splic	ce.			
Sill Info	brmation h Width	Height	Material									
Pile #	Material	Spacing	Width/Dia. H	leight	Length	Orie	ntation	Driven?	Replacen	nent?	Removed?	Collar?
1	Timber	5.75 ft.	1 ft.			Vert	ical	Yes	No		No	No
2	Timber	5.75 ft.	1 ft.			Vert	ical	Yes	No		No	Yes
3	Timber	5.75 ft.	1 ft.			Vert	ical	Yes	No		No	No
4	Timber	5.75 ft.	1 ft.			Vert	ical	Yes	No		No	Yes
5	Timber		1 ft.			Vert	ical	Yes	No		No	Yes
VERIF	IED BY: S. GI	JRMF 8/10/	2021									
Rent/A	butment #	1	Similar Re	ents:								
		1				Docor	intion					
End Bent 1	Sketch					Descr Data W	orkshee	et				
Bridge No: 9	10126	Drawn	By: ado				Date:	04/03/20	08 F	ile Nar	me: S0214000	042

Bridge Inspection Field Sketch	
Concrete Collar Width = 24.0in Height = 9.0in Depth = 21.5in	
Can Information Material Precast Concrete	
Length Width Height Left Overhang Right Overhang Left Beam to End of Cap. Right Beam to End	of Cap.
26.000 ft. 1.333 ft. 1.000 ft. 1.500 ft. 1.500 ft250 ft250 ft.	
Subcap Information Material	
Length Width Height Left Overhang Right Overhang Left Pile to Splice.	
Sill Information Material	
Length Width Height	
Pile # Material Spacing Width/Dia. Height Length Orientation Driven? Replacement? Removed? (Collar?
1 Timber 5.75 ft. 1 ft. Vertical Yes No No	No
2 Timber 5.75 ft. 1 ft. Vertical Yes No No	Yes
3 Timber 5.75 ft. 1 ft. Vertical Yes No No	No
4 Timber 1 ft. 1 ft. Vertical Yes No No	No
5 Timber 3.75 ft. 1 ft. Vertical *No Yes No	No
6 Timber 1 ft. 1 ft. Vertical *No Yes No	No

Cap In	formation		Material	Precast	Concrete					
Lengt	h Width	Height	Left Over	hang	Right Overha	ang Left B	eam to Er	nd of Cap.	Right Beam to Er	nd of Cap
*26.000	ft. 1.333 ft.	1.000 ft.	1.500	ft.	1.500 ft.	*	250 ft.		*.250 ft.	
Subcap	o Information	11-1-1-1	Material	.	Dista C					
Lengt	n Width	Height	Left Over	hang	Right Overha	ang Left P	le to Splic	ce.		
Sill Info	ormation		Material							
Lengt	h Width	Height								
D'I - //					1	0.1.1.1			10 0 10	0 11 0
-11e #	Timbor	5pacing		Height	Length	Vertical	Driven?	Replaceme	nt? Removed?	Collar?
ו כ	Timbor	5.750 ft.	0.033 IL			Vertical	Vos	No	No	No
2	Timber	5 750 ft	1.000 ft			Vertical	Ves	No	No	No
4	Timber	1 000 ft	1.000 ft			Vertical	Yes	No	No	No
5	Timber	*3 750 ft	1.000 ft			Vertical	*No	Yes	No	No
6	Timber	1 000 ft	1.000 ft			Vertical	*No	Yes	No	No
7	Timber	1.000 10.	1.000 ft			Vertical	Yes	No	No	No
NON-E	EARING BEI	NT	24							
		ME OMONO								
REVISI	ED BY: S.GUR	ME 8/10/20	<u> </u>							
REVISI <u>Bent/A</u>	ED BY: S.GUR butment #:	ME 8/10/20	Similar I	Bents:						
REVISI <u>3ent/A</u> tle erior B	ED BY: S.GUR butment #:	ME 8/10/20	Similar I	Bents:		Descriptic Data Works	n heet			



	rmation		Material	Precast	Concrete							
Length	Width	Height	Left Over	hang	Right Overh	nang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to Er	id of Cap
26.000ft.	1.333 ft.	1.000 ft.	1.400	ft.	1.400 ft.		*.2	50 ft.		*	.250 ft.	
Subcap	Information		Material									
Length	Width	Height	Left Over	hang	Right Overh	nang	Left Pi	le to Splic	ce.			
Sill Inform	mation		Material									
Length	Width	Height										
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orier	ntation	Driven?	Replacem	nent?	Removed?	Collar?
1	Timber	6.167 ft.	*1.000 ft.			Vertical Yes No			No		No	No
2	Steel/Timber	5.500 ft.	*1.000 ft.	*1.000 f	t.	Verti	ical	Yes	Yes		No	Yes
3	Timber	5.750 ft.	*1.000 ft.			Verti	ical	Yes	No	No		No
4	Timber	5.750 ft.	*1.000 ft.			Verti	ical	Yes	No		No	No
			and the second second second									
5 NON-BE	Timber ARING BEN	IT	*1.000 ft.			Verti	ical	Yes	No		No	No
5 NON-BE		JT	*1.000 ft.			Verti	ical	Yes	No		No	No
5 NON-BE	Timber ARING BEN D BY: S. GUI	NT RME 8/10/2	*1.000 ft.			Verti	ical	Yes	No		No	Νο
5 NON-BE *REVISE Bent/Abu	Timber ARING BEN D BY: S. GUI utment #: 2	NT RME 8/10/2	*1.000 ft. 021 Similar E	Bents:		Verti	ical	Yes	No		No	No
5 NON-BE *REVISE Bent/Abu le erior Bent	Timber ARING BEN D BY: S. GUI utment #: 2 2 Sketch	NT RME 8/10/2	1.000 ft. 021 Similar E	Bents:		Verti Descri	iption /orkshe	Yes	No		No	No

Cap In	formation		Material	Precast	Concrete				,			
Lengt	th Width	Height	Left Over	hang	Right Overh	nang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to Er	nd of Cap
26.000	ft. 1.333	ft. 1.000 ft.	1.300	ft.	1.300 ft.		*.2	250 ft.		*	.250 ft.	
Subca	p Informatio	on	Material									
Lengt	th Width	Height	Left Over	hang	Right Overh	nang	Left Pi	le to Splic	ce.			
Sill Info	ormation		Material									
Lengt	th Width	Height										
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orie	ntation	Driven?	Replacen	nent?	Removed?	Collar?
1	Timber	er 6.000 ft. *1.000 ft. Vertical Yes No					No		No	Yes		
2	Timber	5.750 ft.	*1.000 ft.			Vert	ical	Yes	No		No	No
3	Timber	5.670 ft.	*1.000 ft.			Vert	ical	Yes	No	No		No
4	Timber	6.000 ft.	*1.000 ft.			Vert	ical	Yes	No		No	No
5	Timber		*1.000 ft.			Vert	ical	Yes	No		No	No
*DE\//9			2021									
	5LD DT. 0. C											
Bent/A	butment #:	3	Similar	Bents:								
tle terior Be	ent 3 Sketch				[[Desc Data	ription Norkshe	eet				
idge No:	910126	Draw	n By: VWW				Date	:11/23/20	005	File Na	ame: S02140	00044



