NC DEPARTMENT OF TRANSPORTATION



DIVISION OF HIGHWAYS

Structure Safety Report

Routine Element Inspection

DIVISION : 9	COUNTY: R	OWAN	STRUCT		790201	FREQUENCY:	24 MONTHS	
FACILITY CARRIED:	SR2528		SR2528(JL	ILIAN RD.)	I			
LOCATION: 0.1 MI.	OCATION: 0.1 MI. S. JCT. US601							
FEATURE INTERSEC	FEATURE INTERSECTED: TOWN CREEK							
LATITUDE: 35° 38'	44.33"	LO	NGITUDE:	80° 29' 39.25	"			
SUPERSTRUCTURE	PRECAST	T PRESTRESSED CON	ICRETE CO	ORED SLAB (BMD-19)			
	ND & INT.BE	ENTS:PPC CAPS ON S	TEEL PILE	S, CONCRET	E ENCASED)		
SPANS: 3 SPANS	S. SEE SPAN	N PROFILE SHEET FOR	R SPAN DE	TAILS				
FRACTURE CRI	TICAL	TEMPORARY SHORI	NG 🗌 S		ICAL	SCOUR PLAN O	F ACTION	
GRADES: (Inspector	/NBI Coding)	DECK 6/6 SUPER	STRUCTUR	RE <u>6/6</u>	SUBSTRUC	TURE <u>5/5</u> CU	LVERT N/N	
POSTED SV: Not F	Posted			POSTED TTS	ST: Not Post	ed		

OTHER SIGNS PRESENT: 4 DELINEATORS

		Sign notice issued for	d	Number Required
\$ 25 m 100 100 100 100 100 100 100 100 100 1		NO	WEIGHT LIMIT	0
		NO	DELINEATORS	0
Markey States of the states of		NO	NARROW BRIDGE	0
		NO	ONE LANE BRIDGE	0
		NO	LOW CLEARANCE	0
		DIRE INSF DIR MATCH	CTION OF S-N PECTION	
LOOKING NORTH				
INSPECTED BY DREW HACKNEY	SIGNATURE	ASSISTED B	W CULBERSON	

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

11/08/2021

IDENTIFICATION	
(1) STATE NAME NORTH CAROLINA BRIDGE 790201	SUFFICIENCY RATING 64.06
(8) STRUCTURE NUMBER (FEDERAL) 1590201	STATUS = Functionally Obsolete
(5) INVENTORY ROUTE (ON/UNDER) ON 131025280	CLASSIFICATION CODE
(2) STATE HIGHWAY DEPARTMENT DISTRICT 9 (3) COUNTY CODE (FEDERAL) 159 (4) PLACE CODE 58860	(112) NBIS BRIDGE SYSTEM YES
(6) FEATURE INTERSECTED TOWN CREEK	(104) HIGHWAY SYSTEM Inventory Route not on NHS 0
(7) FACILITY CARRIED SR2528	(26) FUNCTIONAL CLASS Urban Local 19
(9) LOCATION 0.1 MI. S. JCT. US601	(100) STRAHNET HIGHWAY Not a STRAHNET Route 0
(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 (16) LATITUDE 35° 38' 44 33" (17) LONGITUDE 80° 29' 39 25"	(103) TEMPORARY STRUCTURE
(10) EXTRODE 33 30 44.33 (17) EXTRIBUTE 30 23 33.23	(110) DESIGNATED NATIONAL NETWORK - on national network for trucks 0
(99) BORDER BRIDGE STRUCTURE NUMBER	(20) TOLL On Free Road 3
	(21) MAINT - 01
ACCOUNT OF A CONTRACT OF	(22) OWNED 01
	(37) HISTORICAL SIGNIFICANCE - 5
	CONDITION CODE
ITPE CODE	(58) DECK 6
(45) NUMBER OF SPANS IN MAIN UNIT 3	(59) SUPERSTRUCTURE 6
(46) NUMBER OF SPANS IN APPROACH 0	(60) SUBSTRUCTURE 5
(107) DECK STRUCTURE TYPE CODE 2	(61) CHANNEL & CHANNEL PROTECTION 7
(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 H 20 + Mod 6
(C) TYPE OF DECK PROTECTION CODE 0	(63) OPERATING RATING METHOD - Load Factor 1
AGE AND SERVICE	(64) OPERATING RATING - HS-55 99
(27) YEAR BUILT 1982	(65) INVENTORY RATING METHOD - 1
(106) YEAR RECONSTRUCTED 0	(66) INVENTORY RATING HS-36 64
(42) TYPE OF SERVICE ON - Highway	(70) BRIDGE POSTING No Posting Required 5
OFF - Waterway CODE 15	(41) STRUCTURE OPEN, POSTED, OR CLOSED A
(28) LANES ON STRUCTURE 2 LANES UNDER STRUCTURE 0	DESCRIPTION Open, no restriction
(29) AVERAGE DAILY TRAFFIC 17000	APPRAISAL CODE
(30) YEAR OF ADT 2016 (109) TRUCK ADT PCT 7	(67) STRUCTURAL EVALUATION 5
(19) BYPASS OR DETOUR LENGTH 2.0	(68) DECK GEOMETRY 2
GEOMETRIC DATA	(69) UNDERCLEARANCES, VERT & HORIZ
(48) LENGTH OF MAXIMUM SPAN 29.0	(71) WATERWAY ADEQUACY 5
(49) STRUCTURE LENGTH 92.0	(72) APPROACH ROADWAY ALIGNMENT
(50) CURB OR SIDEWALK: LEFT 0.0 RIGHT 0.0	(36) TRAFFIC SAFETY FEATURES 1000
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB 30.9	
(52) DECK WIDTH OUT TO OUT 33.2 (32) APPROACH ROADWAY WITH (W/ SHOULDERS) 25.0	
(32) ARTHONORIAN WITH (W SHOULDER(G) 20.0 (33) BRIDGE MEDIAN No median CODE 0	
(34) SKEW 30 (35) STRUCTURE FLARED 0	
(10) INVENTORY ROUTE MIN VERT CLEAR 999.9	
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 29.3	
(53) MIN VERT CLEAR OVER BRIDGE RDWY 999.9	(95) ROADWAY IMPROVEMENT COST
(54) MIN VERT UNDERCLEAR. REFERENCE 0.0	(96) TOTAL PROJECT COST
(56) MIN LAT UNDERCLEARANCE LT: 0.0	(97) YEAR OF IMPROVEMENT COST ESTIMATE
	(114) FUTURE ADT 34,000 YEAR OF FUTURE ADT 2040
(39) NAVIGATION VERTICAL CLEARANCE 0.0	
(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

Skew 60.0000

Span Length <u>31.1670</u>

Span Number 1

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
2	Steel Rail	Metal Bridge Railing	64	Feet	Galvanized Protective System	282
1	Asphalt Wearing Surface	Wearing Surface	964	Square Feet		
1	Standard Joint	Pourable Joint Seal	33	Feet		
24	Elastomeric Bearing Pad	Elastomeric Bearing	24	Each		
12	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	360	Feet		
12	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	984	Square Feet		
Span Nu	imber <u>2</u> Spa	an Length <u>30.0830</u>	1	Sk	ew 60.0000	1

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	931	Square Feet		
12	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	360	Feet		
2	Steel Rail	Metal Bridge Railing	62	Feet	Galvanized Protective System	372
1	Standard Joint	Pourable Joint Seal	33	Feet		
12	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	960	Square Feet		
24	Elastomeric Bearing Pad	Elastomeric Bearing	24	Each		
Span Nu	imber <u>3</u> Spai	Length <u>31.1670</u>	•	Sk	ew 60.0000	

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
2	Steel Rail	Metal Bridge Railing	64	Feet	Galvanized Protective System	376
12	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	360	Feet		
1	Asphalt Wearing Surface	Wearing Surface	964	Square Feet		
12	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	984	Square Feet		
24	Elastomeric Bearing Pad	Elastomeric Bearing	24	Each		

Superstructure Build Details

Standard Joint	Pourable Joint Seal	66	Feet	Feet
		1		

Structure Element Scoring

Structure Number: 790201

Inspection Date 9/13/2021

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	2928	2928	0	0	0
104	0	Prestressed Concrete Closed Web/Box Gir	Beam	1080	575	195	310	0
215	0	Reinforced Concrete Abutment	Abutments	108	92	15	1	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	164	154	10	0	0
225	0	Steel Pile	Piles and Columns	26	0	13	13	0
515	225	Steel Protective Coating	Piles and Columns	488	416	0	5	67
233	0	Prestressed Concrete Pier Cap	Caps	164	100	24	40	0
301	0	Pourable Joint Seal	Expansion Joints	132	92	40	0	0
310	0	Elastomeric Bearing	Bearing Device	72	72	0	0	0
330	0	Metal Bridge Railing	Bridge Rail	190	183	7	0	0
515	330	Steel Protective Coating	Bridge Rail	1030	970	60	0	0
510	0	Wearing Surface	Wearing Surfaces	2859	2704	8	147	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 790201

Inspection Date: 09/13/2021

MMS Code	Element Name	Defect Name	Recommended Quantity
3306	Prestressed Concrete Closed Web/Box	Delamination/Spall	8 Feet
3306	Prestressed Concrete Closed Web/Box	Efflorescence/Rust Staining	304 Feet
3306	Prestressed Concrete Closed Web/Box	Cracking (PSC)	1 Feet
3306	Prestressed Concrete Closed Web/Box	Patched Area	3 Feet
3306	Prestressed Concrete Closed Web/Box	Exposed Rebar	1 Feet
3350	Reinforced Concrete Abutment	Delamination/Spall	1 Feet
3354	Steel Pile	Corrosion	10 Each
3348	Prestressed Concrete Pier Cap	Delamination/Spall	7 Feet
3348	Prestressed Concrete Pier Cap	Exposed Rebar	1 Feet
3348	Prestressed Concrete Pier Cap	Cracking (PSC)	55 Feet
3348	Prestressed Concrete Pier Cap	Patched Area	1 Feet
3322	Metal Bridge Railing	Damage	7 Feet
2816	Wearing Surface	Delamination/Spall (Wearing Surfaces)	2 Square Feet
2816	Wearing Surface	Patched Area/Pothole (Wearing Surface)	4 Square Feet
2816	Wearing Surface	Crack (Wearing Surface)	149 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	48 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	72 Square Feet

Element Structure Maintenance Quantities

Structure Number: 7	<u>90201</u>				Ir	spection D)ate <u>09/13/</u> 2	<u>2021</u>
Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	1	108	0	1	15	92
Beam	3306	Maintenance Concrete Superstructure Components	317	1080	0	310	195	575
Beam	3326	Maintenance of Concrete Deck	0	2928	0	0	0	2928
Bearing Device	3334	Bridge Bearing	0	72	0	0	0	72
Bridge Rail	3322	Maintenance of Steel Bridge Rail	7	190	0	0	7	183
Bridge Rail	3342	Clean and Paint Steel	48	1030	0	0	60	970
Caps	3348	Maintenance of Concrete Substructure	64	164	0	40	24	100
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	132	0	0	40	92
Footing	3348	Maintenance of Concrete Substructure	0	164	0	0	10	154
Piles and Columns	3342	Dean and Paint Steel 72		488	67	5	0	416
Piles and Columns	3354	Maintenance of Steel Substructure Components	10	26	0	13	13	0
Wearing Surfaces	2816	sphalt Surface Repair 155 2859 0 147		147	8	2704		
						1		

Priority Actions Request

Structure Nur	mber 790201		
Bent 1			
3354	Pile 1	Steel Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	End Bent 1 Pile 1: RUST SCALE WITH STEEL DOWN TO KNIFE EDGE EAST SIDE OF FRONT FLANGE ABOVE FOOTING 46" HIGH x 2" WIDE/ PAR
3354	Pile 2	Steel Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	End Bent 1 Pile 2: 1/4" STEEL REMAINING ON FRONT WEST EDGE 3" HIGH X 1" WIDE/PAR
3354	Pile 6	Steel Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	End Bent 1 Pile 6: RUST SCALE WITH REMAINING STEEL DOWN TO KNIFE EDGE ON EAST SIDE FRONT FLANGE UP 5" HIGH ABOVE FOOTING X 2" WIDE WITH EDGE BREAKING OFF/ PAR
3354	Pile 1	Steel Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	0	Bent 1 Pile 1: 1/4" STEEL REMAINING ON BOTTOM WEST SPAN 2 FLANGE UP 3" x 2" WIDE/PAR
3354	Pile 3	Steel Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	0	Bent 1 Pile 3: 1/8" STEEL REMAINING ON BACK EAST FLANGE AT BOTTOM UP 3"/PAR
3354	Pile 4	Steel Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	0	Bent 1 Pile 4: RUST SCALE ON PILE PLATE WITH SURFACE RUST ON TOP AND RUST SCALE ON BOTTOM OF FLANGE ON EAST SIDE ON SOUTH FACE UP 3" X 2" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR
Bent 2			
3354	Pile 1	Steel Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	End Bent 2 Pile 1: RUST SCALE ON TOP OF SOUTH FLANGE ON WEST END 3"
? Priority A	Action Request (PAR)	1 Assigned Routine	e Maintenance 2 Assigned Priority Maintenance 3 Assigned Critical Find

Priority Actions Request

Structure Number 790201 3354 Pile 5 Steel Pile Priority Level **Defect Type** Quantity Defect Description (2) End Bent 2 Pile 5: RUST SCALE ON BOTTOM FRONT FLANGE ON ACROSS Corrosion 1 WIDTH WITH 1/4" SECTION LOSS AND COMPLETE SECTION LOSS ON BOTTOM EAST SIDE 2" X 1" AREA ON 1/2" FLANGE/PAR 3354 Pile 1 Steel Pile Priority Level **Defect Type** Quantity **Defect Description** Bent 2 Pile 1: RUST SCALE ON TOP OF PLATE WITH SURFACE RUST ON TOP (2) Corrosion 0 OF PILE, RUST SCALE ON BOTTOM WEST NORTH FLANGE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE AREA STARTING AT BOTTOM 4" HIGH X 3" WIDF/PM (2) Corrosion 0 Bent 2 Pile 1: 1/4" STEEL REMAINING ON BOTTOM EAST NORTH FLANGE UP 2" FROM BOTTOM X 2" WIDE/PAR Steel Pile 3354 Pile 2 Priority Level Defect Type Quantity **Defect Description** (2) 0 Bent 2 Pile 2: RUST SCALE ON BOTTOM EAST FLANGE ON SOUTH SIDE UP 3" Corrosion HIGH X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR 2 Bent 2 Pile 2: RUST SCALE ON BOTTOM WEST FLANGE ON SOUTH SIDE UP 3" Corrosion 1 HIGH X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR 3354 Pile 3 Steel Pile Priority Level Defect Type Quantity **Defect Description** Bent 2 Pile 3: RUST SCALE ON BOTTOM EAST FLANGE ON SOUTH SIDE UP 3" (2) Corrosion 0 HIGH X 2" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR (2) Corrosion Bent 2 Pile 3: RUST SCALE ON BOTTOM WEST FLANGE ON SOUTH SIDE UP 3" 1 HIGH X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR Pile 4 Steel Pile 3354 Priority **Defect Type** Level Quantity **Defect Description** (2) Bent 2 Pile 4: RUST SCALE ON BOTTOM OF NORTH FLANGE ON WEST SIDE Corrosion 0 UP 4" WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/ PAR 2 Bent 2 Pile 4: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON EAST SIDE Corrosion 0 UP 4" WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR 2 Bent 2 Pile 4: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON WEST SIDE Corrosion 1 UP 4" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR 3354 Pile 5 Steel Pile Priority Quantity Level **Defect Description** Defect Type 2 Corrosion 0 Bent 2 Pile 5: RUST SCALE ON BOTTOM OF NORTH FLANGE ON EAST SIDE UP 4" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR Priority Action Request (PAR) Assigned Routine Maintenance 2 Assigned Priority Maintenance 3 Assigned Critical Find

Priority Actions Request

Structure Num	ber 790201		
2	Corrosion	0	Bent 2 Pile 5: RUST SCALE ON BOTTOM OF NORTH FLANGE ON WEST SIDE UP 2" X 1" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR
2	Corrosion	0	Bent 2 Pile 5: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON EAST SIDE UP 3" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR
2	Corrosion	1	Bent 2 Pile 5: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON WEST SIDE UP 2" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR

3354	Pile 6	Steel Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	0	Bent 2 Pile 6: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON EAST SIDE UP 3" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR

? Priority Action Request (PAR) 1 Assigned Routine Maintenance

2 Assigned Priority Maintenance 3 Assigned Critical Find

Element Condition and Maintenance Data

Structure	Numb	er: <u>790201</u>						Ins	spection Date: 09/13/2021	
Spa	an 1			Wearing Surface						
Asp	ohalt	Wearing Surfa	ace							
Eler Nur 510	ment mber	Wearing	Element Name Surface		Total Qty 964	CS1 Qty 919	CS2 Qty 0	CS3 Qty 45	CS4 Qty 0 Square Feet	
Elemen	nt	Defect Type		Defect Description			cs	CS Qtv	Maint	-
510	er Crac	ck (Wearing	LONGITUDINAL C	RACK 1/16" WIDE IN SE	3L		3	15	uty 15 Square Feet	
510	Surf Crac Surf	ace) ck (Wearing ace)	TRANSVERSE CRA	ACKING OVER END BE	NT 1 UP 1	TO 1"	3	30	30 Square Feet	
	Gene	al Comments 30 Square Feet of Cracking over end B	Crack (Wearing Surfa pent 1	ce): Width of more than	0.05 in. or	spacing of	less thai	n 1.0 ft. Tra	ansverse	
Spa	an 1			Left Bridge Rail						
Stee	el Ra	il								
Eler Nur 330	ment mber	Metal Bri	Element Name		Total Qty 32	CS1 Qty 25	CS2 Qty 7	CS3 Qty 0	CS4 Qty 0 Feet	
515		Steel Pro	tective Coating		94	82	12	0	0 Square Feet	
Elemer Numbe 330 515	nt Er Dam Effe Prot	Defect Type hage ctiveness (Steel ective Coatings)	RAIL BENT AT PO SUBSTANTIALLY I	Defect Description ST 1 GOING TO SOUTH EFFECTIVE ON TOP	I END		CS 2 2	CS Qty 7 12	Maint Qty 7 Feet Square Feet	-
	Gene	ral Comments	off on south and							
<u>C</u> ro				Disché Drides Dail						
Spa		.,		Right Bridge Rail						
Stee	еі ка	11								
Elei Nur 330	ment mber	Metal Bri	Element Name dge Railing		Total Qty 32	CS1 Qty 32	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0 Feet	
515		Steel Pro	tective Coating		188	173	15	0	0 Square Feet	
Elemer Numbe 515	nt er Effe Prot Gene	Defect Type ctiveness (Steel ective Coatings) ral Comments	SUBSTANTIALLY I	Defect Description EFFECTIVE ON TOP			CS 2	CS Qty 15	Maint Qty 15 Square Feet	_
	١	Wheel guard crack	ing on south end at jo	int						
Spa	an 1			Expansion Joint						
Sta	ndar	d Joint								
Eler Nur 301	ment mber	Pourable	Element Name Joint Seal		Total Qty 33	CS1 Qty 23	CS2 Qty 10	CS3 Qty 0	CS4 Qty 0 Feet	
Elemen	nt er	Defect Type		Defect Description			CS	CS Qty	Maint Qtv	-
301	Leal	kage	OLD SEEPAGE ST	AIN ON END BENT 1 C	AP		2	10	Feet	
	Gene	ral Comments								

Covered with asphalt 30 Feet of Leakage: None. Old seepage stain Span 1

Qty

Prestressed Concrete Cored Slab

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	82	82	0	0	0	Square Feet
104	Prestres	sed Concrete Closed Web/Box Girder	30	0	1	29	0	Feet
Element Number	Defect Type	Defect Description	1		CS	CS Qty	Maint Qty	
104	Efflorescence/Rust Staining	EFFLO BUILT UP ON BOTTOM FROM E	BETWEEN SI	ABS	3	29	29	9 Feet
104	Delamination/Spall	4" DIAMETER DELAM AREA ON BOTT	OM AT END	BENT 1	2	1	1	Feet

General Comments

30 Feet of Efflorescence/Rust Staining: Heavy buildup with rust staining.

Slab 1

Spa	n 1	Slab 2						
Pres	stressed Concrete	Cored Slab						
Elen Num 15	nent Iber Prestres	Element Name sed Concrete Top Flange	Total Qty 82	CS1 Qty 82	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0 Square Feet	
104	Prestres	sed Concrete Closed Web/Box Girder	30	0	0	30	0 Feet	
Element Number 104	Efflorescence/Rust	Defect Description EFFLO BUILT UP ON BOTTOM FROM B	ETWEEN SL	ABS	CS 3	CS Qty 30	Maint Qty 30 Feet	
Ī	General Comments							

30 Feet of Efflorescence/Rust Staining: Heavy buildup with rust staining.

Span	1	Slab 3					
Prest	ressed Concrete	e Cored Slab					
Eleme Numb	ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
15	Prestres	sed Concrete Top Flange	82	82	0	0	0 Square Feet
104	Prestres	sed Concrete Closed Web/Box Girder	30	0	0	30	0 Feet
Element Number	Defect Type	Defect Description	ı		CS	CS Qty	Maint Qty
104 E S	Efflorescence/Rust Staining	EFFLO BUILT UP ON BOTTOM FROM I	BETWEEN SI	ABS	3	30	30 Feet
-	anaral Commonto						

General Comments

30 Feet of Efflorescence/Rust Staining: Heavy buildup with rust staining.

Span 1

Slab 4

Prestressed Concrete Cored Slab

Element Number	Elem	ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concre	ete Top Flange	82	82	0	0	0	Square Feet
104	Prestressed Concre	ete Closed Web/Box Girder	30	22	8	0	0	Feet
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint	

104

2

Efflorescence/Rust Staining

General Comments

Span 1		Slab 10						
Prestre	essed Concret	e Cored Slab						
Elemen Numbe	t r	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestre	ssed Concrete Top Flange	82	82	0	0	0	Square Feet
104	Prestre	ssed Concrete Closed Web/Box Girder	30	29	0	1	0	Feet
lement lumber	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
104 Pa	tched Area	PATCH AREA HAS CRACK ON BOTTO	M NEAR PIER		3	1		1 Feet
Ger	neral Comments							

2 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. Patch area cracking near pier

Spa	n 1	Slab 11						
Pres	stressed Concrete	e Cored Slab						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	82	82	0	0	0 S	quare Feet
104	Prestres	sed Concrete Closed Web/Box Girder	30	1	2	27	0 F	eet
Elemen Number	t Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
104	Efflorescence/Rust Staining	EFFLO BUILT UP AND STAIN ON BOT BETWEEN SLABS	TOM FROM		3	25	25	Feet
104	Patched Area	PATCH AREA CRACKING ON BOTTOM	I NEAR PIER		3	2	2	Feet
104	Delamination/Spall	POPOUT SPALL ON BOTTOM AT PIER DEEP STEEL TO CLOSE TO SURFACE	3" DIAMETER	X 1/4"	2	1	1	Feet
104	Exposed Rebar	STEEL TO CLOSE TO SURFACE			2	1	1	Feet
-	General Comments							

28 Feet of Efflorescence/Rust Staining: Heavy buildup with rust stainin

2 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. Patch area cracking near pier

Spa	n 1	Slab 12						
Pres	stressed Concrete	e Cored Slab						
Elen Num	nent hber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	82	82	0	0	0	Square Feet
104	Prestres	sed Concrete Closed Web/Box Girder	30	0	0	30	0	Feet
Elemen Number	t Defect Type	Defect Description	ı		CS	CS Qty	Maint Qty	
104	Efflorescence/Rust Staining	EFFLO BUILT UP AND STAIN ON BOTT BETWEEN SLABS	FOM FROM		3	30	30) Feet
-	General Comments							

30 Feet of Efflorescence/Rust Staining: Heavy buildup with rust staining.

Span 2

Wearing Surface

Asphalt Wearing Surface

Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	g Surface	931	865	0	66	0 Square Feet	
Elemen Numbe	t r Defect Type	Defect Description			CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	LONGITUDINAL CRACK 1/16" WIDE IN S	BL		3	6	6 Square Fe	et
510	Crack (Wearing Surface)	TRANSVERSE CRACKING OVER PIERS	UP TO 1" \	WIDE	3	60	60 Square Fe	et
-	General Comments							

60 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. Transverse cracking over piers

Spa	n 2	Right Bridge Rail						
Stee	el Rail							
Eler Nur 330	nent nber Metal Bri	Element Name dge Railing	Total Qty 31	CS1 Qty 31	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0	Feet
515	Steel Pro	tective Coating	186	181	5	0	0	Square Feet
Elemen Numbe	t r Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Effectiveness (Steel Protective Coatings)	SUBSTANTIALLY EFFECTIVE ON TOP			2	5		5 Square Feet
	General Comments							
Spa	in 2	Slab 1						
Pres	stressed Concrete	Cored Slab						

Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
15	Prestres	ssed Concrete Top Flange	80	80	0	0	0 Square Feet
104	Prestre	ssed Concrete Closed Web/Box Girder	30	0	0	30	0 Feet
Elemen Numbe	t r Defect Type	Defect Description	l		CS	CS Qty	Maint Qty
104	Efflorescence/Rust Staining	EFFLO BUILT UP WITH STAIN ON BOT BETWEEN SLABS	TOM FROM		3	30	30 Feet
-	General Comments						

30 Feet of Efflorescence/Rust Staining: Heavy buildup with rust staining.

Spa	n 2	Slab 2						
Pres	stressed Concrete	e Cored Slab						
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	80	80	0	0	0 Square Feet	
104	Prestres	sed Concrete Closed Web/Box Girder	30	0	0	30	0 Feet	
Elemen Number	t Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
104	Efflorescence/Rust Staining	EFFLO BUILT UP WITH STAIN ON BOT BETWEEN SLABS	TOM FROM		3	30	30 Feet	
-	General Comments							

30 Feet of Efflorescence/Rust Staining: Heavy buildup with rust staining.

Spar	n 2	Slab 3						
Pres	tressed Concrete	Cored Slab						
Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Ļ ,
15	Prestres	sed Concrete Top Flange	80	80	0	0	0	Square Feet
104	Prestres	sed Concrete Closed Web/Box Girder	30	0	30	0	0	Feet
lement lumber	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
104	Efflorescence/Rust Staining	EFFLO ON BOTTOM FROM BETWEEN	SLABS		2	30	•	Feet
ī	General Comments							

30 Feet of Efflorescence/Rust Staining: Surface white without buildup or leaching without rust staining.

104 F	Patched Area	PATCH AREA ON BOTTOM AT MID SP	AN AND NEA	R PIER 1	2	2		Feet
lement lumber	Defect Type	Defect Description	ı		CS	CS Qty	Maint Qty	
104	Prestre	ssed Concrete Closed Web/Box Girder	30	28	2	0	0	Feet
15	Prestre	ssed Concrete Top Flange	80	80	0	0	0	Square Feet
Eleme Numb	ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	L ,
Prest	ressed Concret	e Cored Slab						
Span	2	Slab 4						

General Comments

Span 2

Slab 5

Prestressed Concrete Cored Slab

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	80	80	0	0	0	Square Feet
104	Prestres	sed Concrete Closed Web/Box Girder	30	21	8	1	0	Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
104	Delamination/Spall	SPALL ON LEFT BOTTOM CORNER MII 5" WIDE X 1" DEEP	O SPAN 10"	LONG X	3	1		1 Feet
104	Efflorescence/Rust Staining	EFFLO ON BOTTOM FROM BETWEEN	SLABS		2	8		Feet

General Comments

1 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. Left edge spall mid span 10" long x 5" wide x 1" deep

Span 2

Prestressed Concrete Cored Slab

Elen Num	nent 1ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	80	80	0	0	0	Square Feet
104	Prestres	sed Concrete Closed Web/Box Girder	30	24	6	0	0	Feet
Element Number	t Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
104	Efflorescence/Rust Staining	EFFLO ON BOTTOM FROM BETWEEN	SLABS		2	6	Ē	Feet
Ī	General Comments							

6 Feet of Efflorescence/Rust Staining: Surface white without buildup or leaching without rust staining.

Slab 6

Spa	n 2	Slab 7						
Pres	stressed Concrete	e Cored Slab						
Elen Num	nent hber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	80	80	0	0	0	Square Feet
104	Prestres	sed Concrete Closed Web/Box Girder	30	23	7	0	0	Feet
lemen lumbei	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
1 0 4	Delamination/Spall	2" HONEYCOMB AREA ON BOTTOM N	IID SPAN		2	1		1 Feet
104	Efflorescence/Rust Staining	EFFLO ON BOTTOM FROM BETWEEN	SLABS		2	6		Feet
	General Comments							

6 Feet of Efflorescence/Rust Staining: Surface white without buildup or leaching without rust staining.

Spa	n 2	Slab 8						
Pres	stressed Concrete	e Cored Slab						
Elen Num 15	nent nber Prestres	Element Name sed Concrete Top Flange	Total Qty 80	CS1 Qty 80	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0	Square Feet
104	Prestres	sed Concrete Closed Web/Box Girder	30	20	10	0	0	Feet
Element Number	t Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
104	Efflorescence/Rust Staining	EFFLO ON BOTTOM FROM BETWEEN	SLABS		2	10		Feet
(General Comments							

6 Feet of Efflorescence/Rust Staining: Surface white without buildup or leaching without rust staining.

Span 2

Slab 10

Prestressed Concrete Cored Slab

lement	5 / / -					00.04	Maint	
104	Prestressed Concrete Close	d Web/Box Girder	30	19	11	0	0	Feet
15	Prestressed Concrete Top F	lange	80	80	0	0	0	Square Feet
Element Number	Element Name	9	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	

Qty

Structure	Number: <u>790201</u>			Inspe	ction Date: 09/13/2021
104	Delamination/Spall	4" X 2" HONEYCOMB AREA ON BOTTOM NEAR PIER 2	2	1	1 Feet
104	Efflorescence/Rust	EFFLO ON BOTTOM FROM BETWEEN SLABS	2	10	Feet

ming **General Comments**

Spai	n 2	Slab 11						
Pres	tressed Concrete	e Cored Slab						
Elem Num 15	nent Iber Prestres	Element Name seed Concrete Top Flange	Total Qty 80	CS1 Qty 80	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0 5	Square Feet
104	Prestres	sed Concrete Closed Web/Box Girder	30	0	20	10	0 F	Feet
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
104	Efflorescence/Rust Staining	EFFLO BUILT UP ON BOTTOM FROM	BETWEEN SI	ABS	3	10	10	Feet
104	Efflorescence/Rust Staining	EFFLO ON BOTTOM FROM BETWEEN	SLABS		2	20		Feet
ī	General Comments							

10 Feet of Efflorescence/Rust Staining: Heavy buildup with rust staining.

10 Feet of Efflorescence/Rust Staining: Surface white without buildup or leaching without rust staining.

2	Slab 12						
ressed Concrete	Cored Slab						
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Prestres	sed Concrete Top Flange	80	80	0	0	0	Square Feet
Prestres	sed Concrete Closed Web/Box Girder	30	0	20	10	0	Feet
Defect Type	Defect Description	ı		CS	CS Qty	Maint Qty	
Efflorescence/Rust Staining	EFFLO BUILT UP ON BOTTOM FROM E	BETWEEN SI	ABS	3	10	1(0 Feet
Efflorescence/Rust Staining	EFFLO ON BOTTOM FROM BETWEEN	SLABS		2	20		Feet
	2 :ressed Concrete ent ber Prestres Prestres Defect Type Efflorescence/Rust Staining Efflorescence/Rust Staining	2 Slab 12 :ressed Concrete Cored Slab ent ber Element Name Prestressed Concrete Top Flange Prestressed Concrete Closed Web/Box Girder Defect Type Defect Description Efflorescence/Rust EFFLO BUILT UP ON BOTTOM FROM B Staining Efflorescence/Rust EFFLO ON BOTTOM FROM BETWEEN Staining	2 Slab 12 ressed Concrete Cored Slab ent Total per Element Name Qty Prestressed Concrete Top Flange 80 Prestressed Concrete Closed Web/Box Girder 30 Defect Type Defect Description Efflorescence/Rust EFFLO BUILT UP ON BOTTOM FROM BETWEEN SI Staining Efflorescence/Rust EFFLO ON BOTTOM FROM BETWEEN SLABS Staining	2 Slab 12 :ressed Concrete Cored Slab ent Total CS1 ber Element Name Qty Qty Prestressed Concrete Top Flange 80 80 Prestressed Concrete Closed Web/Box Girder 30 0 Defect Description Efflorescence/Rust EFFLO BUILT UP ON BOTTOM FROM BETWEEN SLABS Staining Efflorescence/Rust EFFLO ON BOTTOM FROM BETWEEN SLABS Staining EFFLO ON BOTTOM FROM BETWEEN SLABS	2 Slab 12 :ressed Concrete Cored Slab ent Total CS1 CS2 per Element Name Qty Qty Qty Prestressed Concrete Top Flange 80 80 0 Prestressed Concrete Closed Web/Box Girder 30 0 20 Defect Type Defect Description CS Efflorescence/Rust EFFLO BUILT UP ON BOTTOM FROM BETWEEN SLABS 3 Staining EFFLO ON BOTTOM FROM BETWEEN SLABS 2	2 Slab 12 ressed Concrete Cored Slab ent Total Qty CS1 Qty CS2 Qty CS3 Qty Prestressed Concrete Top Flange 80 80 0 0 Prestressed Concrete Closed Web/Box Girder 30 0 20 10 Defect Description CS CS Qty Efflorescence/Rust EFFLO BUILT UP ON BOTTOM FROM BETWEEN SLABS 3 10 Staining EFFLO ON BOTTOM FROM BETWEEN SLABS 2 20	2 Slab 12 ressed Concrete Cored Slab ent Total Qty CS1 Qty CS2 Qty CS3 Qty CS4 Qty Prestressed Concrete Top Flange 80 80 0 0 0 Prestressed Concrete Top Flange 80 80 0 0 0 Defect Type Defect Description CS CS Qty Maint Qty Efflorescence/Rust EFFLO BUILT UP ON BOTTOM FROM BETWEEN SLABS 3 10 10 Staining EFFLO ON BOTTOM FROM BETWEEN SLABS 2 20 20

Feet of Efflorescence/Rust Staining: Heavy buildup with rust staining.
 Feet of Efflorescence/Rust Staining: Surface white without buildup or leaching without rust staining.

Spa	Span 2		Expansion Joint							
Star	ndard Joi	nt								
Ele: Nur	ment nber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301		Pourab	le Joint Seal		33	3	30	0	0	Feet
Elemen Numbe	nt er Defec	t Type		Defect Description			CS	CS Qty	Maint Qty	
301	Leakage		OLD MOISTURE S	TAIN ON PIER 1 CAP			2	30	-	Feet
	General Co	mments								

Covered with asphalt

30 Feet of Leakage: None. Old moisture seepage stain on pier cap

Span 3

Asphalt Wearing Surface

Elen Num	nent Iber	Element Name		CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing S	Surface	964	920	8	36	0 S	quare Feet
Element Number	Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	TRANSVERSE CRACKING OVER END WIDE	BENT 2 UP 1	0 1"	3	30	30	Square Feet
510	Delamination/Spall (Wearing Surfaces)	ASPHALT BUSTING UP OVER END BE WHITE LINE 18" x 5"	ENT 2 IN SBL	NEAR	3	2	2	Square Feet
510	Patched Area/Pothole (Wearing Surface)	Patched Area/Pothole ASPHALT SEPARATED IN CENTER N Wearing Surface) WIDE		NT 2 x 4"	3	4	4	Square Feet
510	Crack (Wearing Surface)	LONGITUDINAL CRACKS 1/16" WIDE	NEAR END B	ENT 2	2	8	8	Square Feet
ī	General Comments							

30 Square Feet of Crack (Wearing Surface): Width of more than 0.05 in. or spacing of less than 1.0 ft. Transverse cracking over end bent 2

Span 3

Left Bridge Rail

Steel Rail

Elem Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bri	dge Railing	32	32	0	0	0	Feet
515	Steel Pro	tective Coating	188	180	8	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Effectiveness (Steel Protective Coatings)	SUBSTANTIALLY EFFECTIVE ON TOP			2	8		8 Square Feet

General Comments

Wheel guard cracking on north end

Span 3

Right Bridge Rail

Steel Rail

Elerr Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
330	Metal Br	idge Railing	32	32	0	0	0 Feet
515	Steel Pro	ptective Coating	188	168	20	0	0 Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
515	Effectiveness (Steel Protective Coatings)	SUBSTANTIALLY EFFECTIVE ON TOP			2	20	20 Square Feet

General Comments

End section spalled off at joint on north end

Span 3

Expansion Joint

Standard Joint

otan								
Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourab	le Joint Seal	33	33	0	0	0 Feet	
Element	t Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
301	Leakage	OLD MOISTURE STAIN ON END	BENT 2 CAP		1	30	Feet	

General Comments

Covered with asphalt

30 Feet of Leakage: None. Old seepage stain on cap

Spa	n 3	Slab 1						
Pres	stressed Concrete	e Cored Slab						
Element Number 15 Prestress		Element Name sed Concrete Top Flange	Total Qty 82	CS1 Qty 82	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0 S	quare Feet
104	Prestres	sed Concrete Closed Web/Box Girder	30	0	19	11	0 F	eet
Elemen Number	t r Defect Type	Defect Description	1		CS	CS Qty	Maint Qty	
104	Cracking (PSC)	CRACK ON END AT PIER 2 UP TO 1/8"	WIDE X 6" L	ONG	3	1	1	Feet
104	Efflorescence/Rust Staining	fflorescence/Rust EFFLO BUILT UP ON BOTTOM FROM taining		ABS	3	10	10	Feet
104	Efflorescence/Rust Staining	EFFLO ON BOTTOM FROM BETWEEN	SLABS		2	19		Feet
-	General Comments							

20 Feet of Efflorescence/Rust Staining: Surface white without buildup or leaching without rust staining. 10 Feet of Efflorescence/Rust Staining: Surface white without buildup or leaching without rust staining.

Spar	n 3	Slab 2						
Pres	tressed Concrete	e Cored Slab						
Elen Num 15	nent hber Prestres	Element Name sed Concrete Top Flange	Total Qty 82	CS1 Qty 82	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0 5	Square Feet
104	Prestres	sed Concrete Closed Web/Box Girder	30	0	20	10	0 F	eet
Element Number	t Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
104	Efflorescence/Rust Staining	EFFLO BUILT UP ON BOTTOM FROM I	BETWEEN SL	ABS	3	10	10	Feet
104	Delamination/Spall	lamination/Spall TWO CHIP SPALLS ON RIGHT EDGE 4" X 2" X 1/2" DEEP AND OTHER 3" X		2, ONE P	2	1	1	Feet
104	Efflorescence/Rust Staining	EFFLO ON BOTTOM FROM BETWEEN	SLABS		2	19		Feet
(General Comments							

20 Feet of Efflorescence/Rust Staining: Heavy buildup with rust staining.

9 Feet of Efflorescence/Rust Staining: Surface white without buildup or leaching without rust staining.
1 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched

area that is sound. Two chip spalls on edge 5' from pier, one 3" x 2" and other 4" x 2" x 1/2" deep

Spa	n 3	Slab 3						
Pres	stressed Concrete	e Cored Slab						
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	sed Concrete Top Flange	82	82	0	0	0 S	quare Feet
104	Prestres	sed Concrete Closed Web/Box Girder	30	0	30	0	0 F	eet
Element Number	t Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
104	Delamination/Spall	umination/Spall SPALL ON RIGHT BOTTOM EDGE 4" 1 1/4" DEEP 6' FROM PIER 2		IDE X	2	1	1	Feet
104	Efflorescence/Rust Staining	EFFLO ON BOTTOM FROM BETWEEN	SLABS		2	29		Feet
Ī	General Comments							

30 Feet of Efflorescence/Rust Staining: Surface white without buildup or leaching without rust staining.

Spa	an 3	Slab 5					
Pre	estressed Concrete	e Cored Slab					
Ele Nu	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
15	Prestres	sed Concrete Top Flange	82	82	0	0	0 Square Feet
104	Prestres	sed Concrete Closed Web/Box Girder	30	28	1	1	0 Feet
Elemer Numbe	nt er Defect Type	Defect Description	n		CS	CS Qty	Maint Qty
104	Delamination/Spall	SPALL ON RIGHT BOTTOM EDGE 10" 1/2" DEEP NEAR MID SPAN	LONG X 2" W	IDE X	3	1	1 Feet
104	Delamination/Spall	SPALL ON RIGHT BOTTOM EDGE 5" L 1/2" DEEP NEAR MID SPAN	ONG X 2" WI	DE X	2	1	Feet
	General Comments						
Spa	General Comments	Slab 11					
Spa Pre	General Comments an 3 estressed Concrete	Slab 11 e Cored Slab					
Spa Pre Eler Nur	General Comments an 3 estressed Concrete ement mber	Slab 11 e Cored Slab Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Spa Pre Ele Nui 15	General Comments an 3 estressed Concrete ement mber Prestres	Slab 11 e Cored Slab Element Name ssed Concrete Top Flange	Total Qty 82	CS1 Qty 82	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0 Square Feet
Spa Pre Eler Nur 15 104	General Comments an 3 estressed Concrete ement mber Prestres Prestres	Slab 11 e Cored Slab Element Name ssed Concrete Top Flange ssed Concrete Closed Web/Box Girder	Total Qty 82 30	CS1 Qty 82 0	CS2 Qty 0 0	CS3 Qty 0 30	CS4 Qty 0 Square Feet 0 Feet
Spa Pre Elei Nui 15 104 Elemer Numbe	General Comments an 3 estressed Concrete ement mber Prestres Prestres Prestres	Slab 11 e Cored Slab Element Name ssed Concrete Top Flange ssed Concrete Closed Web/Box Girder Defect Descriptior	Total Qty 82 30	CS1 Qty 82 0	CS2 Qty 0 0 CS	CS3 Qty 0 30 CS Qty	CS4 Qty 0 Square Feet 0 Feet Maint Qty
Spa Pre Elei Nui 15 104 Elemer Numbe 104	General Comments an 3 estressed Concrete ement mber Prestres Prestres nt er Defect Type Efflorescence/Rust Staining	Slab 11 Element Name ssed Concrete Top Flange ssed Concrete Closed Web/Box Girder Defect Description EFFLO BUILT UP AND STAIN ON BOTT BETWEEN SLABS	Total Qty 82 30 n TOM FROM	CS1 Qty 82 0	CS2 Qty 0 0 0 CS 3	CS3 Qty 0 30 CS Qty 30	CS4 Qty 0 Square Feet 0 Feet Maint Qty 30 Feet

30 Feet of Efflorescence/Rust Staining: Heavy buildup with rust staining.

Span 3

Slab 12

Prestressed Concrete Cored Slab

			Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
	F	Prestress	sed Concrete Top Flange	82	82	0	0	0	Square Feet
	F	Prestress	sed Concrete Closed Web/Box Girder	30	0	0	30	0	Feet
	Defect Ty	уре	Defect Description	n		CS	CS Qty	Maint Qty	
or ni	rescence ning	/Rust	EFFLO BUILT UP AND STAIN ON BOTT BETWEEN SLABS	FOM FROM		3	30	3	0 Feet
or ni	rescence ning	/Rust	EFFLO BUILT UP AND STAIN ON BOT BETWEEN SLABS	FOM FROM		_	3	3 30	3 30 3

General Comments

30 Feet of Efflorescence/Rust Staining: Heavy buildup with rust staining.

Span 3 **Expansion Joint Standard Joint** Element Total CS1 CS2 CS3 CS4 **Element Name** Qty Qty Qty Number Qty Qty 301 Pourable Joint Seal 33 33 0 0 0 Feet Element Maint Defect Type **Defect Description** CS CS Qty Number Qty 301 OLD MOISTURE SEEPAGE STAIN ON PIER 2 CAP 1 30 Leakage Feet

Covered with asphalt

30 Feet of Leakage: None. Old moisture seepage stain on pier cap

End Bent 1

E

Cap 1

Prestressed Concrete Pier Cap

Elem Num 233	nent hber Prestre	Element Name ssed Concrete Pier Cap	Total Qty 41	CS1 Qty 34	CS2 Qty 1	CS3 Qty 6	CS4 Qty 0 F	eet
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
233	Cracking (PSC)	CRACKING ON BOTTOM AROUN 1/64" WIDE UP TO 6" LONG	ID CORNERS OF PI	LES	3	6	6	Feet
233	Cracking (PSC)	HAIRLINE LONGITUDINAL CRAC PILES 1-2	K ON FACE BETW	EEN	2	1	1	Feet

General Comments

6 Feet of Cracking (PSC): Width greater than 0.009 in. or spacing less than 1 ft. Cracking on bottom around corners of piles

End Bent 1	Pile 1						
Steel Pile							
Flement		Total	CS1	CS2	CS 3	CS4	

Elem Num	ber	Element Name	l otal Qty	Qty	Qty	Qty	Qty	,
225	Steel Pile	9	1	0	0	1	0	Each
515	Steel Pro	tective Coating	8	5	0	0	3	Square Feet
Element Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
225	Corrosion	RUST SCALE WITH STEEL DOWN SIDE OF FRONT FLANGE ABOVE WIDE/ PAR	I TO KNIFE EDGE FOOTING 46" HIG	EAST GH x 2"	3	1	-	1 Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION			4	3		3 Square Feet

General Comments

1 Each of Corrosion: Freckled Rust. Corrosion of the steel has initiated

3 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

End	Bent 1	Pile 2						
Stee	el Pile							
Elen Num	nent 1ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	9	1	0	0	1	0	Each
515	Steel Pro	tective Coating	8	6	0	0	2	Square Feet
Element Number	t Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
225	Corrosion	1/4" STEEL REMAINING ON FR 1" WIDE/PAR	ONT WEST EDGE 3"	HIGH X	3	1		1 Each
225	Corrosion	SURFACE RUST ON PLATE AN	D TOP OF PILE		2			Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION			4	2	:	2 Square Feet
	General Comments							

1 Each of Corrosion: Freckled Rust. Corrosion of the steel has initiated on top

2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

End Bent 1

Steel	Pil	е
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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	ptective Coating	8	6	0	0	2	Square Feet
Element Number	t Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
225	Corrosion	SURFACE RUST ON PLATE AN	ID TOP OF PILE		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION			4	2		2 Square Feet

General Comments

1 Each of Corrosion: Freckled Rust. Corrosion of the steel has initiated on top

2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Pile 3

End	Bent 1		Pile 4						
Stee	el Pile								
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	Each
515	Steel Pro	tective Coating		8	6	0	0	2	Square Feet
Elemen Number	t r Defect Type		Defect Description			CS	CS Qty	Maint Qty	
225	Corrosion	SURFACE RUST O	N PLATE AND TOP OF	PILE		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION				4	2	;	2 Square Feet
_	Concrel Commente							-	

General Comments

1 Each of Corrosion: Freckled Rust. Corrosion of the steel has initiated on top 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

End	Bent 1		Pile 5						
Stee	el 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	otective Coating		8	6	0	0	2	Square Feet
Element	Defect Type		Defect Description			CS	CS Qty	Maint Qty	
225	Corrosion	SURFACE RUST O	N PLATE AND TOP OF	PILE		2	1		Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION				4	2		2 Square Feet

General Comments

1 Each of Corrosion: Freckled Rust. Corrosion of the steel has initiated on top 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

End Ber	nt 1	Pile 6						
Steel Pil	e							
Element Number	Element Nan	ıe	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	L 7
225	Steel Pile		1	0	0	1	0	Each
515	Steel Protective Coating		8	5	0	0	3	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure Number: 790201

225 Corrosion

RUST SCALE WITH REMAINING STEEL DOWN TO KNIFE EDGE ON EAST SIDE FRONT FLANGE UP 5" HIGH ABOVE FOOTING X 2" WIDE WITH EDGE BREAKING OFF/ PAR NO PROTECTION

3 Square Feet

3

4

3

515 Effectiveness (Steel NO P Protective Coatings)

General Comments

1 Each of Corrosion: Freckled Rust. Corrosion of the steel has initiated on top 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Bent 1

Cap 1

Prestressed Concrete Pier Cap

Elerr Num 233	ent ber Prestres	Element Name sed Concrete Pier Cap	Total Qty 41	CS1 Qty 16	CS2 Qty 10	CS3 Qty 15	CS4 Qty 0 Fe	eet
Element Number	Defect Type	Defect Description	า		CS	CS Qty	Maint Qty	
233	Cracking (PSC)	CRACKING ON BOTTOM AROUND CO PLATES 1/64" WIDE UP TO 7" LONG	RNERS OF PIL	LE	3	10	10	Feet
233	Cracking (PSC)	LONGITUDINAL CRACK ON BOTTOM BETWEEN PILES 1-3	1/64" WIDE		3	5	5	Feet
233	Cracking (PSC)	HAIRLINE LONGITUDINAL CRACKS O OVER PILES	N BOTH FACE	S	2	8	8	Feet
233	Delamination/Spall	SPALLS ON BOTTOM AT EAST END A BETWEEN PILES 6 -7 UP TO 4" DIAME WITH STEEL EXPOSED	ND ON BOTTO TER X 1/2" DE	OM EEP	2	1	1	Feet
233	Exposed Rebar	STEEL EXPOSED			2	1	1	Feet

General Comments

1 Feet of Delamination/Spall/Patched Area: Delaminated. Spall 1 in. or less deep or 6 in. or less in diameter. Patched are that is sound. 3" diameter spalls on bottom at east end and between piles 6 and 7 with rebar exposed between piles 6 and 7

1 Feet of Exposed Rebar: Present without measurable section loss.

10 Feet of Cracking (PSC): Width greater than 0.009 in. or spacing less than 1 ft. Cracking on bottom around corners of pile plates

В	ent	1

Pile 1

Steel Pile

Elem Num	ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	2	1	0	1	0	0 1	Each
515	Steel Pro	tective Coating	28	26	0	0	2 \$	Square Feet
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
225	Corrosion	1/4" STEEL REMAINING ON BOT FLANGE UP 3" x 2" WIDE/PAR	TOM WEST SPAN 2	2	3		-	Each
225	Corrosion	RUST SCALE ON PILE PLATE W	ITH SURFACE RUS	TON	2	1		Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION			4	2	2	Square Feet

General Comments

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile

2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Ben	t 1	Pile 2						
Stee	el Pile							
Eler 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	28	25	0	0	3	Square Feet
Elemen Numbe	t r Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
225	Corrosion	RUST SCALE ON PILE PLATE WIT TOP AND BOTTOM OF PILE	H SURFACE RUS	ST ON	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION			4	3	3	3 Square Feet
-	Protective Coatings)							

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Ben	t 1	Pile 3						
Stee	el Pile							
Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	9	1	0	0	1	0	Each
515	Steel Pro	tective Coating	28	25	0	0	3	Square Feet
Element Number	t Defect Type	Defect Desci	ription		CS	CS Qty	Maint Qty	
225	Corrosion	1/8" STEEL REMAINING ON BAC BOTTOM UP 3"/PAR	K EAST FLANGE AT	г	3			Each
225	Corrosion	RUST SCALE ON PILE PLATE WI TOP AND RUST SCALE ON BOTT WEST SIDE WITH 1/4" STEEL RE 3" HIGH X 2" WIDE/PM	TH SURFACE RUST OM OF FLANGE OI MAINING ON 1/2" F	「ON N LANGE	3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION			4	3	:	3 Square Feet
Ī	General Comments							

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Ben	t 1	Pile 4						
Stee	el Pile							
Elen Num 225	nent nber Steel Pile	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0	Each
515	Steel Pro	tective Coating	28	25	0	0	3	Square Feet
Element	t Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
225	Corrosion	RUST SCALE ON PILE PLATE V TOP AND RUST SCALE ON BO SIDE ON SOUTH FACE UP 3" X REMAINING ON 1/2" FLANGE/P	VITH SURFACE RUS ITOM OF FLANGE O 2" WIDE WITH 1/4" \$ AR	ST ON ON EAST STEEL	3	1	·	Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION			4	3	;	3 Square Feet
Ī	General Comments							

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile

nt 1	Pil	5					
el Pile							
ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Pile)	1	0	1	0	0	Each
Steel Pro	tective Coating	28	25	0	0	3	Square Feet
nt Defect Type	D	ct Description		CS	CS Qty	Maint Qty	
Corrosion	RUST SCALE ON PILE TOP OF PILE	ATE WITH SURFACE RU	ST ON	2	1	-	Each
Effectiveness (Steel Protective Coatings)	NO PROTECTION			4	3		3 Square Feet
	nt 1 el Pile ment nber Steel Pile Steel Pro tr Defect Type Corrosion Effectiveness (Steel Protective Coatings)	at 1 Pile 5	t 1 Pile 5 el Pile ment Element Name Qty Steel Pile 1 Steel Protective Coating 28 t r Defect Type Defect Description Corrosion RUST SCALE ON PILE PLATE WITH SURFACE RU TOP OF PILE Effectiveness (Steel NO PROTECTION Protective Coatings)	Pile 5 el Pile ment mber Element Name Steel Pile Total Qty Qty Qty Qty Qty Qty Qty Qty Qty Qty	Pile 5 el Pile ment mber Element Name Steel Pile Total Qty Qty Qty Qty Qty Qty Qty Qty Qty 1 CS1 Qty Qty Qty Qty Qty 0 Steel Pile 1 0 1 Steel Protective Coating 28 25 0 tr r Defect Type Defect Description CS Corrosion RUST SCALE ON PILE PLATE WITH SURFACE RUST ON TOP OF PILE 2 Effectiveness (Steel Protective Coatings) NO PROTECTION 4	Pile 5 el Pile ment mber Element Name Steel Pile Total Qty CS1 Qty CS2 Qty CS3 Qty Steel Pile 1 0 1 0 Steel Protective Coating 28 25 0 0 tr Defect Type Defect Description CS CS Qty Corrosion RUST SCALE ON PILE PLATE WITH SURFACE RUST ON TOP OF PILE 2 1 Effectiveness (Steel Protective Coatings) NO PROTECTION 4 3	Pile 5el Pilement mberElement NameTotal QtyCS1 QtyCS2 QtyCS3 QtyCS4 QtySteel Pile10100Steel Protective Coating2825003tr rDefect TypeDefect DescriptionCS CS QtyCS Qty QtyMaint QtyCorrosionRUST SCALE ON PILE PLATE WITH SURFACE RUST ON TOP OF PILE21133Effectiveness (Steel Protective Coatings)NO PROTECTION4333

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Ben	t 1	Pile	6					
Stee	el Pile							
Elen Nun 225	nent nber Steel Pile	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	Each
515	Steel Pro	tective Coating	28	25	0	0	3	Square Feet
Elemen Number	t r Defect Type	Def	ect Description		CS	CS Qty	Maint Qty	
225	Corrosion	RUST SCALE ON PILE F TOP AND RUST SCALE EAST SIDES WITH 7/16" FLANGE	PLATE WITH SURFACE R ON BOTTOM OF FLANG STEEL REMAINING ON	RUST ON E ON BOTH 1/2"	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION			4	3	3	3 Square Feet
	General Comments							

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Ben	t 1		Pile 7						
Stee	el Pile								
Elen Num	nent 1ber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	e		1	0	1	0	0	Each
515	Steel Pro	otective Coating		28	26	0	0	2	Square Feet
Elemen Numbei	t Defect Type		Defect Description			CS	CS Qty	Maint Qty	
225	Corrosion	RUST SCALE ON P TOP OF PILE	ILE PLATE WITH SURF	ACE RUS	ΓΟΝ	2	1		Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION				4	2	2	2 Square Feet
(General Comments								

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile

End Bent 1

Abutment

Reinforced Concrete Abutment

nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinford	ed Concrete Abutment	54	38	15	1	0 Feet	
t r Defect Type	Defect Description			CS	CS Qty	Maint Qty	
Delamination/Spall	SPALL AT SOUTHWEST CORNER 12" L DEEP	.ONG X 4" W	/IDE X 1"	3	1	1 Feet	
Abrasion/Wear (PSC/RC)	CONCRETE VOIDS IN TOP WHERE CON POURED BETWEEN PILES 1-4	NCRETE WA	S	2	15	Feet	
	nent nber Reinford t Defect Type Delamination/Spall Abrasion/Wear (PSC/RC)	nent nber Element Name Reinforced Concrete Abutment t r Defect Type Defect Description Delamination/Spall SPALL AT SOUTHWEST CORNER 12" L DEEP Abrasion/Wear CONCRETE VOIDS IN TOP WHERE COM (PSC/RC) POURED BETWEEN PILES 1-4	nent nber Total Qty Reinforced Concrete Abutment \$4 It r Defect Type Defect Description Delamination/Spall SPALL AT SOUTHWEST CORNER 12" LONG X 4" W DEEP Abrasion/Wear (PSC/RC) CONCRETE VOIDS IN TOP WHERE CONCRETE WA POURED BETWEEN PILES 1-4	nent nber Element Name Qty Total Qty CS1 Qty Reinforced Concrete Abutment 54 38 it r Defect Type Defect Description Delamination/Spall SPALL AT SOUTHWEST CORNER 12" LONG X 4" WIDE X 1" DEEP Abrasion/Wear (PSC/RC) CONCRETE VOIDS IN TOP WHERE CONCRETE WAS POURED BETWEEN PILES 1-4	nent nber Element Name Reinforced Concrete Abutment Total Qty CS1 Qty CS2 Qty	ment nber Element Name Reinforced Concrete Abutment Total Qty CS1 Qty CS2 Qty CS3 Qty r Defect Concrete Abutment 54 38 15 1 it r Defect Type Defect Description CS CS Qty Delamination/Spall SPALL AT SOUTHWEST CORNER 12" LONG X 4" WIDE X 1" 3 1 Abrasion/Wear (PSC/RC) CONCRETE VOIDS IN TOP WHERE CONCRETE WAS POURED BETWEEN PILES 1-4 2 15	nent nber Element Name Reinforced Concrete Abutment Total Qty CS1 Qty CS2 Qty CS3 Qty CS4 Qty

General Comments

1 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. Spall on southwest corner, 12" long x 4" wide x 1" deep

15 Feet of Abrasion/Wear (PSC/RAIL CONNECTION): Abrasion or wearing has exposed coarse aggregate but the aggregate remains secure in the concrete. Concrete voids with exposed aggregate on top of abutment

Ben	t 1	Footing						
Reir	forced Concrete	Footing						
Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
220	Reinfor	ced Concrete Pile Cap/Footing	41	31	10	0	0 Feet	
Elemen Number	t Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
220	Abrasion/Wear (PSC/RC)	SCALE ALONG BOTTOM			2	10	Feet	
	General Comments							_

End Bent 2

Cap 1

Prestressed Concrete Pier Cap

Elem Num	lent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
233	Prestres	sed Concrete Pier Cap	41	28	7	6	0	Feet
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
233	Cracking (PSC)	CRACKING ON BOTTOM AROUN 1/64" WIDE UP TO 6" LONG	D CORNERS OF PI	ILES	3	6	6	Feet
233	Cracking (PSC)	HAIRLINE LONGITUDINAL AND M	IAP CRACKING O	N ENDS	2	6	e	Feet
233	Delamination/Spall	SPALL ON TOP UNDER SLAB 1,	4" X 2" X 1/2" DEE!	Р	2	1	1	Feet

General Comments

6 Feet of Cracking (PSC): Width 0.004-0.009 in. or spacing 1.0-3.0 ft. Cracking on ends of cap 6 Feet of Cracking (PSC): Width 0.004-0.009 in. or spacing 1.0-3.0 ft. Cracking on bottom around corners of pile plates

End Bent 2	Pile 1	

Steel Pi	le							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	1 /
225	Steel Pile		1	0	0	1	0	Each
515	Steel Protective Coating		8	5	0	0	3	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qtv	

Structure	Number: 790201			Inspe	ction Date: 09/13/2021
225	Corrosion	RUST SCALE ON TOP OF SOUTH FLANGE ON WEST END 3" LONG X 2" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR	3	1	1 Each
225	Corrosion	RUST SCALE ON TOP AND BOTTOM	2		Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION	4	3	3 Square Feet

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

End	Bent 2	Pile 2	2					
Stee	el Pile							
Elen Nun	nent 1ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	e	1	0	1	0	0 E	ach
515	Steel Pro	otective Coating	8	6	0	1	1 S	quare Feet
Elemen Number	t Defect Type	Defe	ct Description		CS	CS Qty	Maint Qty	
225	Corrosion	RUST SCALE ON TOP AT RUST ON TOP OF PILE	PILE PLATE WITH SUR	FACE	2	1		Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION			4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)		6		3	1	1	Square Feet

General Comments

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

End	Bent 2	Pile 3						
Stee	l Pile							
Elem Num 225	nent Iber Steel Pile	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	Each
515	Steel Pro	tective Coating	8	6	0	1	1	Square Feet
Element Number	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
225	Corrosion	RUST SCALE ON TOP AT PILE RUST ON TOP OF PILE	PLATE WITH SURFA	CE	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION			4	1		1 Square Feet
515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1		1 Square Feet
C	General Comments							

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

End Ber	End Bent 2		Pile 4						
Steel Pi	le								
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
225	Steel F	lie		1	0	1	0	0	Each
515	Steel F	Protective Coating		8	6	0	1	1	Square Feet
Element Number	Defect Type		Defect Description	ı		CS	CS Qty	Maint Qty	
225 Cor	rosion	RUST SCALE ON T RUST ON TOP OF	OP AT PILE PLATE	WITH SURFA	CE	2	1		Each

Structure	Number: <u>790201</u>			Inspec	tion Date: 09/13/2021
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION	4	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

End	Bent 2	Pile 5						
Stee	el Pile							
Eler Nun 225	nent nber Steel Pile	Element Name	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	=ach
515	Steel Pro	tective Coating	8	5	0	1	2 \$	Square Feet
Elemen Numbe	t r Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
225	Corrosion	RUST SCALE ON BOTTOM FROM WIDTH WITH 1/4" SECTION LOSS SECTION LOSS ON BOTTOM EAS 1/2" FLANGE/PAR	IT FLANGE ON ACI S AND COMPLETE ST SIDE 2" X 1" AR	ROSS EA ON	3	1	1	Each
515 Effectiveness (Steel Protective Coatings)		NO PROTECTION			4	2	2	Square Feet
515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1	Square Feet
-	General Comments							

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top and side of pile

3 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

End	Bent 2	F	Pile 6						
Stee	l Pile								
Elerr Num	nent Iber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pil	e		1	0	1	0	0	Each
515	Steel Pro	otective Coating		8	6	0	1	1	Square Feet
Element Number	Defect Type		Defect Descriptio	'n		CS	CS Qty	Maint Qty	
225	Corrosion	RUST SCALE ON TO ON TOP OF PILE	P AT PILE PLATE	WITH SURFAC	CE RUST	2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION				4	1		1 Square Feet
515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVE	INESS			3	1		1 Square Feet
ī	General Comments								

1 Each of Corrosion: Freckled Rust. Corrosion of the steel has initiated on top of pile 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Bent 2

Cap 1

Prestressed Concrete Pier Cap

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
233	Prestres	Prestressed Concrete Pier Cap		22	6	13	0 Feet	
Element Number	Defect Type	Defect Descr	ription		CS	CS Qty	Maint Qty	
233	Cracking (PSC)	CRACKING ON BOTTOM AROUN PLATES 1/64" WIDE UP TO 8" LO	D CORNERS OF PII NG	E	3	7	7 Fee	et
233	Delamination/Spall	DELAM AREA 3' LONG X 5" WIDE FACE	OVER PILE 3 ON S	SOUTH	3	3	3 Fee	et

Structure	Number: 790201			Inspe	ction Date: 09/13/2021
233	Delamination/Spall	DELAM AREA ON NORTH FACE OVER PILE 2, 18" LONG X 5" WIDE	3	2	2 Feet
233	Patched Area	PATCH HAS CRACK ON TOP AT NORTHWEST CORNER	3	1	1 Feet
233	Cracking (PSC)	HAIRLINE DIAGONAL ON SOUTH FACE OVER PILE 2	2	2	2 Feet
233	Cracking (PSC)	HAIRLINE LONGITUDINAL CRACK ON BOTH FACES ON EAST END AND OVER PILE 3	2	4	4 Feet

515

Effectiveness (Steel

Protective Coatings) General Comments NO PROTECTION

3 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. Delam area over pile 3 on south face, 30" long x 5" wide

2 Feet of Delamination/Spall/Patched Area: Spall greater than 1 in. deep or greater than 6 in. diameter. Patched area that is unsound or showing distress. Does not warrant structural review. Delam area over pile 2 on north face 18" long x 5" wide

7 Feet of Cracking (PSC): Width greater than 0.009 in. or spacing less than 1 ft. Cracking on bottom around pile plate corners

Ben	t 2			Pile 1							
Stee	el Pile										
Elen Num 225	nent iber	Steel Pile	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0	Each	
515		Steel Prot	ective Coating		28	24	0	0	4	Square Feet	
Element Number	t Defect	Туре		Defect Description			CS	CS Qty	Maint Qty		
225	Corrosion		RUST SCALE ON TOP OF PLATE WITH SURFACE RUST ON TOP OF PILE, RUST SCALE ON BOTTOM WEST NORTH FLANGE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE AREA STARTING AT BOTTOM 4" HIGH X 3" WIDE/PM			3	1		Each		
225	Corrosion		1/4" STEEL REMAINING ON BOTTOM EAST NORTH FLANGE UP 2" FROM BOTTOM X 2" WIDE/PAR			2			Each		
225	Corrosion		RUST SCALE ON TOP PLATE WITH SURFACE RUST ON TOP OF PILE		2			Each			

4 Square Feet

4

4

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Ben	t 2	Pile 2						
Stee	el Pile	1 110 2						
Elen Nun 225	nent nber Steel	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty	Each
515	Steel	Protective Coating	28	24	0	0	4 3	Square Feet
Elemen Number	t Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
225	Corrosion	RUST SCALE ON BOTTOM EAST UP 3" HIGH X 2" WIDE WITH 1/8" \$ 1/2" FLANGE/PAR	FLANGE ON SOU	TH SIDE G ON	3			Each
225	Corrosion	RUST SCALE ON BOTTOM WEST SIDE UP 3" HIGH X 2" WIDE WITH ON 1/2" FLANGE/PAR	FLANGE ON SOU 1/8" STEEL REM/	TH Aining	3	1	1	Each
225	Corrosion	SURFACE AND RUST SCALE ON	TOP OF PILE AND	PLATE	2			Each
515	Effectiveness (Ste	el NO PROTECTION			4	4	4	Square Fee

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile

2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Bent 2

Stee	l Pile							
Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	9	1	0	0	1	0	Each
515	Steel Pro	tective Coating	28	24	0	0	4	Square Feet
Element Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
225	Corrosion	RUST SCALE ON BOTTOM EAST UP 3" HIGH X 2" WIDE WITH 1/4" 1/2" FLANGE/PAR	UST SCALE ON BOTTOM EAST FLANGE ON SOUTH SIDE P 3" HIGH X 2" WIDE WITH 1/4" STEEL REMAINING ON /2" FLANGE/PAR				-	Each
225	Corrosion	RUST SCALE ON BOTTOM WEST SIDE UP 3" HIGH X 2" WIDE WITH ON 1/2" FLANGE/PAR	UST SCALE ON BOTTOM WEST FLANGE ON SOUTH DE UP 3" HIGH X 2" WIDE WITH 1/8" STEEL REMAINING J 1/2" FLANGE/PAR			1		1 Each
225	Corrosion RUST SCALE ON TOP PLATE WITH TOP OF PILE		TH SURFACE RUS	TON	2			Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION			4	4		4 Square Feet
ī	General Comments							

Pile 3

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Ben	t 2		Pile 4						
Stee	el Pile								
Elen Num	nent nber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225		Steel P	ile	1	0	0	1	0	Each
515		Steel P	rotective Coating	28	24	0	0	4	Square Feet
Elemen Numbei	t Defect	Туре	Defect Des	scription		CS	CS Qty	Maint Qty	
225	Corrosion		RUST SCALE ON BOTTOM OF NORTH FLANGE ON WEST SIDE UP 4" WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/ PAR			3			Each
225	Corrosion		RUST SCALE ON BOTTOM OF SOUTH FLANGE ON EAST		EAST	3			Each

		SIDE UP 4" WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR			
225	Corrosion	RUST SCALE ON BOTTOM OF SOUTH FLANGE ON WEST SIDE UP 4" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR	3	1	1 Each
225	Corrosion	RUST SCALE ON TOP PLATE WITH SURFACE RUST ON TOP OF PILE	2		Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION	4	4	4 Square Feet
	General Comments				

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Ben	Bent 2			Pile 5							
Stee	l Pile										
Elen Num	nent Iber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
225		Steel Pil	e		1	0	0	1	0	Each	
515		Steel Pro	otective Coating		28	24	0	0	4	Square Feet	
Element Number	Defect	Туре		Defect Description			CS	CS Qty	Maint Qty		
225	Corrosion		RUST SCALE ON SIDE UP 4" X 2" W 1/2" FLANGE/PAR	BOTTOM OF NORTH FL VIDE WITH 1/8" STEEL	ANGE ON	I EAST IG ON	3		-	Each	

Structure	Number: <u>790201</u>			Inspec	ction Date: 09/13/2021
225	Corrosion	RUST SCALE ON BOTTOM OF NORTH FLANGE ON WEST SIDE UP 2" X 1" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR	3		Each
225	Corrosion	RUST SCALE ON BOTTOM OF SOUTH FLANGE ON EAST SIDE UP 3" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR	3		Each
225	Corrosion	RUST SCALE ON BOTTOM OF SOUTH FLANGE ON WEST SIDE UP 2" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR	3	1	1 Each
225	Corrosion	RUST SCALE ON TOP PLATE WITH SURFACE RUST ON TOP OF PILE	2		Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION	4	4	4 Square Feet
	General Comments				

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Bent 2		Pile 6						
Stee	el Pile							
Elem Num	nent iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel P	ile	1	0	0	1	0	Each
515	Steel P	rotective Coating	28	25	0	0	3	Square Feet
Element Number	t Defect Type	Defect Descr	ption		CS	CS Qty	Maint Qty	
225	Corrosion	RUST SCALE ON BOTTOM OF SO SIDE UP 3" X 2" WIDE WITH 1/8" 1/2" FLANGE/PAR	UTH FLANGE ON STEEL REMAININ	EAST IG ON	3	1		Each
225	Corrosion	RUST SCALE ON BOTTOM OF SO SIDE UP 3" X 2" WIDE WITH 1/4" 1/2" FLANGE/PAR	UTH FLANGE ON STEEL REMAININ	WEST IG ON	3			Each
225	Corrosion	RUST SCALE ON TOP PLATE WIT TOP OF PILE	H SURFACE RUS	TON	2			Each
515	Effectiveness (Steel	NO PROTECTION			4	3	3	3 Square Feet

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Ben	it 2		Pile 7						
Stee	el Pile								
Eler Nun 225	nent nber Steel Pile	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	Each
515	Steel Pro	tective Coating		28	26	0	0	2	Square Feet
Elemen Numbe	t r Defect Type		Defect Description			CS	CS Qty	Maint Qty	
225	Corrosion	RUST SCALE ON T TOP OF PILE	TOP PLATE WITH SURF	ACE RUS	TON	2	1		Each
515	Effectiveness (Steel Protective Coatings)	NO PROTECTION				4	2	2	2 Square Feet
-	General Comments								

1 Each of Corrosion: Section loss is evident or pack rust is present but does not warrant structural review on top of pile 2 Square Feet of Effectiveness (Steel Protective Coatings): Limited effectiveness.

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 1	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	82
Span 1	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 1	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	82
Span 1	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 1	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	82
Span 1	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 1	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	82
Span 1	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 1	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	82
Span 1	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 1	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	82
Span 1	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 1	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	82
Span 1	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 1	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	82
Span 1	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 1	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	82
Span 1	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 1	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	82
Span 1	Slab 11	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 1	Slab 11	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	82
Span 1	Slab 12	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 1	Slab 12	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	82
Span 1	Left Bridge Rail	Steel Rail	Metal Bridge Railing	32
Span 1	Right Bridge Rail	Steel Rail	Metal Bridge Railing	32
Span 1	Expansion Joint	Standard Joint	Pourable Joint Seal	33
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	964
Span 2	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 2	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	80
Span 2	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 2	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	80
Span 2	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 2	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	80
Span 2	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 2	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	80
Span 2	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 2	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	80
Span 2	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 2	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	80
Span 2	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 2	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	80
Span 2	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 2	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	80
Span 2	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
		1	1	1

Elements Verfied

Span 2 Stab 10 Prestressed Concrute Cored Stab Prestressed Concrute Top Flange 80 Span 2 Stab 10 Prestressed Concrute Cored Stab Prestressed Concrute Cor	Location	Name	Component	Element Name	Amount
Span 2 Slab 10 Prestressed Concrete Cored Slab Prestressed Concrete Top Filange 30 Span 2 Slab 10 Prestressed Concrete Cored Slab Prestressed Concrete Top Filange 80 Span 2 Slab 11 Prestressed Concrete Cored Slab Prestressed Concrete Top Filange 80 Span 2 Slab 12 Prestressed Concrete Cored Slab Prestressed Concrete Top Filange 80 Span 2 Slab 12 Prestressed Concrete Cored Slab Prestressed Concrete Top Filange 80 Span 2 Left Bridge Rail Steel Rail Metal Bridge Railing 31 Span 2 Right Bridge Rail Steel Rail Metal Bridge Railing 33 Span 3 Slab 1 Prestressed Concrete Cored Slab Prestressed Concrete Cored	Span 2	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	80
Span 2Sibo 10Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlap Slap Slap Slap Slap Slap Slap Slap	Span 2	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 2 Sibb 11 Prestressed Concrete Cored Sibb Prestressed Concrete Top Filenge 30 Span 2 Sibb 12 Prestressed Concrete Cored Sibb Prestressed Concrete Top Filenge 80 Span 2 Sibb 12 Prestressed Concrete Cored Sibb Prestressed Concrete Top Filenge 80 Span 2 Left Bridge Rail Steel Rail Metal Bridge Railing 31 Span 2 Left Bridge Rail Steel Rail Metal Bridge Railing 33 Span 2 Expansion Joint Standard Joint Pourable Joint Seal 33 Span 3 Sibb 1 Prestressed Concrete Cored Sibb	Span 2	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	80
Span 2 Slab 11 Prestressed Concrete Cored Slab Prestressed Concrete Top Flange 80 Span 2 Slab 12 Prestressed Concrete Cored Slab Prestressed Concrete Top Flange 80 Span 2 Left Bridge Rail Steel Rail Metal Bridge Railing 31 Span 2 Right Bridge Rail Steel Rail Metal Bridge Railing 31 Span 2 Wearing Surface Wearing Surface Steal Rail Metal Bridge Railing 33 Span 3 Slab 1 Prestressed Concrete Cored Slab Pre	Span 2	Slab 11	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 2Slab 12Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 2Left Bridge RailSteel RailMetal Bridge Railing31Span 2Left Bridge RailSteel RailMetal Bridge Railing31Span 2Right Bridge RailSteel RailMetal Bridge Railing31Span 2Expansion JointStandard JointPrestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 1Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 2Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 2Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 2Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 2Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 5Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder	Span 2	Slab 11	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	80
Span 2Siab 12Prestressed Concrete Cored SlabPrestressed Concrete Top Flange80Span 2Left Bridge RailSteel RailMetal Bridge Railing31Span 2Right Bridge RailSteel RailMetal Bridge Railing31Span 2Expansion JointStandard JointPourable Joint Saal33Span 3Slab 1Prestressed Concrete Cored SlabPrestressed Concrete Coled Web/Box Girder30Span 3Slab 1Prestressed Concrete Cored SlabPrestressed Concrete Coled Web/Box Girder30Span 3Slab 2Prestressed Concrete Cored SlabPrestressed Concrete Coled Web/Box Girder30Span 3Slab 2Prestressed Concrete Cored SlabPrestressed Concrete Coled Web/Box Girder30Span 3Slab 2Prestressed Concrete Cored SlabPrestressed Concrete Coled Web/Box Girder30Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Coled Web/Box Girder30Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Coled Web/Box Girder30Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Coled Web/Box Girder30Span 3Slab 5Prestressed Concrete Cored SlabPrestressed Concrete Coled Web/Box Girder30Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Coled Web/Box Girder30Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Coled Web/Box Girder30Span 3Slab 6Pr	Span 2	Slab 12	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 2Left Bridge RailSteel RailMetal Bridge Railing31Span 2Right Bridge RailSteel RailMetal Bridge Railing31Span 2Expansion JointStandard JointPourable Joint Seal33Span 3Stab 1Prestressed Concrete Cored StabPrestressed Concrete Cored StabPrestressed Concrete Cored StabPrestressed Concrete Cored StabSpan 3Stab 1Prestressed Concrete Cored StabPrestressed Concrete Cored StabPrestressed Concrete Cored StabStab 2Span 3Stab 2Prestressed Concrete Cored StabPrestressed Concrete Cored StabPrestressed Concrete Cored StabStab 3Span 3Stab 3Prestressed Concrete Cored StabPrestressed Concrete Cored StabPrestressed Concrete Cored StabStab 3Span 3Stab 4Prestressed Concrete Cored StabPrestressed Concrete Cored StabPrestressed Concrete Cored StabStab 3Span 3Stab 4Prestressed Concrete Cored StabPrestressed Concrete Cored StabPrestressed Concrete Cored StabStab 3Span 3Stab 5Prestressed Concrete Cored StabPrestressed Concrete Cored StabPrestressed Concrete Cored StabPrestressed Concrete Cored StabSpan 3Stab 6Prestressed Concrete Cored StabPrestressed Concrete Cored StabPrestressed Concrete Cored StabPrestressed Concrete Cored StabSpan 3Stab 6Prestressed Concrete Cored StabPrestressed Concrete Cored StabPrestressed Concrete Cored StabPrestressed Concrete Cored StabSpan 3Stab 6Prestre	Span 2	Slab 12	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	80
Span 2 Right Bridge Rail Steel Rail Metal Bridge Railing 31 Span 2 Expansion Joint Standard Joint Pourable Joint Scal 33 Span 2 Wearing Surface Asphalt Wearing Surface Wearing Surface 931 Span 3 Slab 1 Prestressed Concrete Cored Slab Prest	Span 2	Left Bridge Rail	Steel Rail	Metal Bridge Railing	31
Span 2Expansion JointStandard JointPourable Joint Seal33Span 2Wearing SurfaceAsphalt Wearing SurfaceWearing Surface931Span 3Slab 1Prestressed Concrete Cored SlabPrestressed Concrete Cosed Web/Box Girder30Span 3Slab 1Prestressed Concrete Cored SlabPrestressed Concrete Cosed Web/Box Girder30Span 3Slab 2Prestressed Concrete Cored SlabPrestressed Concrete Cosed Web/Box Girder30Span 3Slab 2Prestressed Concrete Cored SlabPrestressed Concrete Cosed Web/Box Girder30Span 3Slab 3Prestressed Concrete Cored SlabPrestressed Concrete Cosed Web/Box Girder30Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Cored Slab30Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 5Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 5Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 5Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 5Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 5Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 5Span 3Slab 7Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 5Span 3Slab 7Prestresse	Span 2	Right Bridge Rail	Steel Rail	Metal Bridge Railing	31
Span 2Wearing SurfaceAsphalt Wearing SurfaceWearing Surface931Span 3Slab 1Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 1Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 2Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 3Span 3Slab 3Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 3Span 3Slab 3Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 3Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 3Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 3Span 3Slab 5Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 3Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 3Span 3Slab 5Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 3Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 3Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 3Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 3Span 3Slab 7Prestressed Concrete Cored SlabPrestressed Concrete Cored SlabSlab 3Span 3Slab 8Prestressed Conc	Span 2	Expansion Joint	Standard Joint	Pourable Joint Seal	33
Span 3Slab 1Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 1Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 2Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 3Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 3Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 3Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 5Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 7Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 8Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girde	Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	931
Span 3Slab 1Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 2Prestressed Concrete Cored SlabPrestressed Concrete Concet Rode Web/Box Girder30Span 3Slab 2Prestressed Concrete Cored SlabPrestressed Concrete Cored Web/Box Girder30Span 3Slab 3Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Cored Web/Box Girder30Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 5Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 7Prestressed Concrete Cored SlabPrestressed Concrete Cored Meb/Box Girder30Span 3Slab 7Prestressed Concrete Cored SlabPrestressed Concrete Cored Meb/Box Girder30Span 3Slab 7Prestressed Concrete Cored SlabPrestressed Concrete Cored Meb/Box Girder30Span 3Slab 8Prestressed Concrete Cored SlabPrestressed Concrete Cored Meb/Box Girder30Span	Span 3	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	30
Span 3Slab 2Prestressed Concrete Cored SlabPrestressed Concrete Closed Web/Box Girder30Span 3Slab 2Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 3Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 4Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 5Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 5Prestressed Concrete Cored SlabPrestressed Concrete Cored Veb/Box Girder30Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 6Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 7Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 8Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 8Prestressed Concrete Cored SlabPrestressed Concrete Top Flange82Span 3Slab 8Prestressed Concrete Cored SlabPrestressed Concrete Cored Veb/Box Girder30Span 3Slab 8Prestressed Concret	Span 3	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	82
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Span 3Right Bridge RailSteel RailMetal Bridge Railing32Span 3Expansion JointStandard JointPourable Joint Seal33Span 3Wearing SurfaceAsphalt Wearing SurfaceWearing Surface964Bent 1Cap 1Prestressed Concrete Pier CapPrestressed Concrete Pier Cap41Bent 1Pile 1Steel PileSteel Pile1	Span 3	Left Bridge Rail	Steel Rail	Metal Bridge Railing	32
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Span 3 Wearing Surface Asphalt Wearing Surface Wearing Surface 964 Bent 1 Cap 1 Prestressed Concrete Pier Cap Prestressed Concrete Pier Cap 41 Bent 1 Pile 1 Steel Pile Steel Pile 1	Span 3	Expansion Joint	Standard Joint	Pourable Joint Seal	33
Bent 1 Cap 1 Prestressed Concrete Pier Cap Prestressed Concrete Pier Cap 41 Bent 1 Bile 1 Steel Pile Steel Pile 1	Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	964
Bent 1 Pile 1 Steel Pile Steel Pile 1	Bent 1	Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	41
	Bent 1	Pile 1	Steel Pile	Steel Pile	1
Bent 1 Pile 2 Steel Pile Steel Pile 1	Bent 1	Pile 2	Steel Pile	Steel Pile	1
Bent 1 Pile 3 Steel Pile 1	Bent 1	Pile 3	Steel Pile	Steel Pile	1
Bent 1 Pile 4 Steel Pile 1	Bent 1	Pile 4	Steel Pile	Steel Pile	1
Bent 1 Pile 5 Steel Pile Steel Pile 1	Bent 1	Pile 5	Steel Pile	Steel Pile	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Bent 1	Pile 6	Steel Pile	Steel Pile	1
Bent 1	Pile 7	Steel Pile	Steel Pile	1
Bent 1	Footing	Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	41
End Bent 1	Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	41
End Bent 1	Pile 1	Steel Pile	Steel Pile	1
End Bent 1	Pile 2	Steel Pile	Steel Pile	1
End Bent 1	Pile 3	Steel Pile	Steel Pile	1
End Bent 1	Pile 4	Steel Pile	Steel Pile	1
End Bent 1	Pile 5	Steel Pile	Steel Pile	1
End Bent 1	Pile 6	Steel Pile	Steel Pile	1
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	54
End Bent 1	Footing	Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	41
Bent 2	Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	41
Bent 2	Pile 1	Steel Pile	Steel Pile	1
Bent 2	Pile 2	Steel Pile	Steel Pile	1
Bent 2	Pile 3	Steel Pile	Steel Pile	1
Bent 2	Pile 4	Steel Pile	Steel Pile	1
Bent 2	Pile 5	Steel Pile	Steel Pile	1
Bent 2	Pile 6	Steel Pile	Steel Pile	1
Bent 2	Pile 7	Steel Pile	Steel Pile	1
Bent 2	Footing	Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	41
End Bent 2	Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	41
End Bent 2	Pile 1	Steel Pile	Steel Pile	1
End Bent 2	Pile 2	Steel Pile	Steel Pile	1
End Bent 2	Pile 3	Steel Pile	Steel Pile	1
End Bent 2	Pile 4	Steel Pile	Steel Pile	1
End Bent 2	Pile 5	Steel Pile	Steel Pile	1
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	54
End Bent 2	Footing	Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	41

General Inspection Notes

Span 1	Right Bridge Rail				
Wheel guard cracking o	n south end at joint				
Span 3	Expansion Joint				
Covered with asphalt 30 Feet of Leakage: No	ne. Old moisture seepage stain on pier cap				
Span 3	Expansion Joint				
Covered with asphalt 30 Feet of Leakage: No	ne. Old seepage stain on cap				
Span 3	Left Bridge Rail				
Wheel guard cracking o	n north end				
Span 3	Right Bridge Rail				
End section spalled off	at joint on north end				

National Bridge and NC Inspection Items

Structure Number: 790201

Inspection Date: 09/13/2021

National Bridge Inventory Items

Item	Grade Scale	Grade	
Item 58: Deck	0-9, N	6	Note:
Item 59: Superstructure	0 - 9 , N	6	Items !
Item 60: Substructure	0 - 9 , N	5	- inspec
Item 61: Channel and Channel Protection	0 - 9 , N	7	see co
Item 62: Culvert	0 - 9 , N	Ν	
Item 71: Waterway Adequacy	0 - 9 , N	7	
Item 72: Approach Roadway Alignment	0 - 9 , N	8]

tems 58,59,60,62 reflect this nspection only.

or overall NBI coding grade, ee cover sheet.

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	2858	3376
Drainage System	G, F, P, or C	F	200	3332
Utilities	G, F, P, or C	G		
Slope Protection	G, F, P, or C	G	0	3352
Scour	G, F, P, or C	G		
Wingwall	G, F, P, or C		0	3350
Field Scour Evaluation		0		
Drift	G, F, P, or C	G	0	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Superstructure Paint Code				

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	NO
Priority Maintenance Request Submitted	YES/NO	YES
Inspection Time	Hours	4
Traffic Control Time	Hours	0
Snooper Time	Hours	0
Ladder Used	YES/NO	NO
Bucket Truck Used	YES/NO	NO
Boat Used	YES/NO	NO
Other Equipment Used	YES/NO	NO
Portion of Structure in > 3' of water	YES/NO	NO
National Bridge and NC SMU Inspection Item Details

ure Numb	ber: 790201				Inspectio	on Date:	09/13/202 [,]
Item	Deck - Item 58	Grade	6	Maint Code	Qty.	0	
Details	SEE ITEM 59/ TOP COVERED WITH ASPHALT WEARI	NG SUR	FACE				
Item	Substructure - Item 60	Grade	5	Maint Code	Qty.	0	
Details	PILES NOT CENTERED ON PLATES ARE MISALIGNED	0					
Item	Priority Maintenance Issued	Grade	YES	Maint Code	Qty.	0	
Details	PAR ISSUED ON PILES 1, 2 AND 6 AT END BENT 1, PI AND 5 AT END BENT 2	LES 1 3	AND 4 AT	PIER 1, PILES 1-6	AT PIER 2	AND PILES	5 1
Item	Deck Debris	Grade	F	Maint Code 3376	Qty.	2858	
Details	DEBRIS AND VEGETATION GROWING ALONG RAILS THICK BRUSH GROWING ON EAST SIDE OF BRIDGE						
Item	Drainage System	Grade	F	Maint Code 3332	Qty.	200	
Details	DEBRIS AND VEGETATION GROWING ALONG RAILS						
Item	Utilities	Grade	G	Maint Code	Qty.	0	
Details	3" UTILITY CONNECTED TO BACK OF LEFT RAIL						
Item	Wingwalls	Grade		Maint Code 3350	Qty.	0	
Details	GRADED WITH ABUTMENTS						

County: ROWAN

Date: 09/13/2021

Condition Photos



DEBRIS AND VEGETATION GROWING ALONG RAILS



THICK BRUSH GROWING ON EAST SIDE OF BRIDGE

Date: 09/13/2021



Span 1 Right Bridge Rail - Protective System: SUBSTANTIALLY EFFECTIVE ON TOP



Span 1 Left Bridge Rail - Protective System: SUBSTANTIALLY EFFECTIVE ON TOP

County: ROWAN

Date: 09/13/2021



Span 1 Left Bridge Rail: RAIL BENT AT POST 1 GOING TO SOUTH END



Span 1 Wearing Surface: TRANSVERSE CRACKING OVER END BENT 1 UP TO 1" WIDE

Date: 09/13/2021



Span 1 Wearing Surface: LONGITUDINAL CRACK 1/16" WIDE IN SBL



Span 2 Wearing Surface: LONGITUDINAL CRACK 1/16" WIDE IN SBL

Date: 09/13/2021



Span 3 Left Bridge Rail - Protective System: SUBSTANTIALLY EFFECTIVE ON TOP



Span 3 Right Bridge Rail - Protective System: SUBSTANTIALLY EFFECTIVE ON TOP

Date: 09/13/2021



Span 3 Wearing Surface: TRANSVERSE CRACKING OVER END BENT 2 UP TO 1" WIDE



Span 3 Wearing Surface: ASPHALT BUSTING UP OVER END BENT 2 IN SBL NEAR WHITE LINE 18" x 5"

County: ROWAN

Date: 09/13/2021



Span 3 Wearing Surface: ASPHALT SEPARATED IN CENTER NEAR END BENT 2 x 4" WIDE



Span 3 Wearing Surface: LONGITUDINAL CRACKS 1/16" WIDE NEAR END BENT 2

County: ROWAN

Date: 09/13/2021



End Bent 1 Abutment: SPALL AT SOUTHWEST CORNER 12" LONG X 4" WIDE X 1" DEEP



End Bent 1 Abutment: CONCRETE VOIDS IN TOP WHERE CONCRETE WAS POURED BETWEEN PILES 1-4

Date: 09/13/2021

Condition Photos



End Bent 1 Abutment: CONCRETE VOIDS IN TOP WHERE CONCRETE WAS POURED BETWEEN PILES 1-4



End Bent 1 Cap 1: HAIRLINE LONGITUDINAL CRACK ON FACE BETWEEN PILES 1-2

Date: 09/13/2021

Condition Photos



End Bent 1 Pile 1: RUST SCALE WITH STEEL DOWN TO KNIFE EDGE EAST SIDE OF FRONT FLANGE ABOVE FOOTING 46" HIGH x 2" WIDE/ PAR



End Bent 1 Pile 1: RUST SCALE WITH STEEL DOWN TO KNIFE EDGE EAST SIDE OF FRONT FLANGE ABOVE FOOTING 46" HIGH x 2" WIDE/ PAR

County: ROWAN

Date: 09/13/2021

Condition Photos



End Bent 1 Pile 2: SURFACE RUST ON PLATE AND TOP OF PILE



End Bent 1 Pile 2: 1/4" STEEL REMAINING ON FRONT WEST EDGE 3" HIGH X 1" WIDE/PAR

County: ROWAN

Date: 09/13/2021

Condition Photos



End Bent 1 Pile 6: RUST SCALE WITH REMAINING STEEL DOWN TO KNIFE EDGE ON EAST SIDE FRONT FLANGE UP 5" HIGH ABOVE FOOTING X 2" WIDE WITH EDGE BREAKING OFF/ PAR



End Bent 1 Pile 6: RUST SCALE WITH REMAINING STEEL DOWN TO KNIFE EDGE ON EAST SIDE FRONT FLANGE UP 5" HIGH ABOVE FOOTING X 2" WIDE WITH EDGE BREAKING OFF/ PAR



Date: 09/13/2021

Condition Photos



End Bent 1 Cap 1: CRACKING ON BOTTOM AROUND CORNERS OF PILES 1/64" WIDE UP TO 6" LONG



Span 1 Expansion Joint: OLD SEEPAGE STAIN ON END BENT 1 CAP

County: ROWAN

Date: 09/13/2021



Span 1 Slab 1: EFFLO BUILT UP ON BOTTOM FROM BETWEEN SLABS



Span 1 Slab 1: 4" DIAMETER DELAM AREA ON BOTTOM AT END BENT 1

County: ROWAN

Date: 09/13/2021



Span 1 Slab 4: EFFLO AND STAIN ON BOTTOM FROM BETWEEN SLABS



Span 1 Slab 10: PATCH AREA HAS CRACK ON BOTTOM NEAR PIER

Date: 09/13/2021

Condition Photos



Span 1 Slab 11: PATCH AREA CRACKING ON BOTTOM NEAR PIER



Span 1 Slab 11: POPOUT SPALL ON BOTTOM AT PIER 3" DIAMETER X 1/4" DEEP STEEL TO CLOSE TO SURFACE

Date: 09/13/2021



Span 1 Slab 11: EFFLO BUILT UP AND STAIN ON BOTTOM FROM BETWEEN SLABS



Bent 1 Cap 1: SPALLS ON BOTTOM AT EAST END AND ON BOTTOM BETWEEN PILES 6 -7 UP TO 4" DIAMETER X 1/2" DEEP WITH STEEL EXPOSED

Date: 09/13/2021



Bent 1 Cap 1: SPALLS ON BOTTOM AT EAST END AND ON BOTTOM BETWEEN PILES 6 -7 UP TO 4" DIAMETER X 1/2" DEEP WITH STEEL EXPOSED



Bent 1 Cap 1: HAIRLINE LONGITUDINAL CRACKS ON BOTH FACES OVER PILES

County: ROWAN

Date: 09/13/2021

Condition Photos



Bent 1 Cap 1: CRACKING ON BOTTOM AROUND CORNERS OF PILE PLATES 1/64" WIDE UP TO 7" LONG



Bent 1 Cap 1: LONGITUDINAL CRACK ON BOTTOM 1/64" WIDE BETWEEN PILES 1-3

Date: 09/13/2021



Bent 1 Footing: SCALE ALONG BOTTOM



Bent 1 Pile 1: RUST SCALE ON PILE PLATE WITH SURFACE RUST ON TOP

County: ROWAN

Date: 09/13/2021

Condition Photos



Bent 1 Pile 1: 1/4" STEEL REMAINING ON BOTTOM WEST SPAN 2 FLANGE UP 3" x 2" WIDE/PAR



Bent 1 Pile 3: 1/8" STEEL REMAINING ON BACK EAST FLANGE AT BOTTOM UP 3"/PAR

Date: 09/13/2021

Condition Photos



Bent 1 Pile 4: RUST SCALE ON PILE PLATE WITH SURFACE RUST ON TOP AND RUST SCALE ON BOTTOM OF FLANGE ON EAST SIDE ON SOUTH FACE UP 3" X 2" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR



Bent 1 Pile 4: RUST SCALE ON PILE PLATE WITH SURFACE RUST ON TOP AND RUST SCALE ON BOTTOM OF FLANGE ON EAST SIDE ON SOUTH FACE UP 3" X 2" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR

Date: 09/13/2021

Condition Photos



Bent 1 Pile 6: RUST SCALE ON PILE PLATE WITH SURFACE RUST ON TOP AND RUST SCALE ON BOTTOM OF FLANGE ON BOTH EAST SIDES WITH 7/16" STEEL REMAINING ON 1/2" FLANGE



Bent 1 Pile 7: RUST SCALE ON PILE PLATE WITH SURFACE RUST ON TOP OF PILE

County: ROWAN

Date: 09/13/2021



Span 2 Expansion Joint: OLD MOISTURE STAIN ON PIER 1 CAP



Span 2 Slab 12: EFFLO BUILT UP ON BOTTOM FROM BETWEEN SLABS

Date: 09/13/2021



Span 2 Slab 11: EFFLO ON BOTTOM FROM BETWEEN SLABS



Span 2 Slab 10: 4" X 2" HONEYCOMB AREA ON BOTTOM NEAR PIER 2

County: ROWAN

Date: 09/13/2021



Span 2 Slab 1: EFFLO BUILT UP WITH STAIN ON BOTTOM FROM BETWEEN SLABS



Span 2 Slab 4: PATCH AREA ON BOTTOM AT MID SPAN AND NEAR PIER 1

Date: 09/13/2021



Span 2 Slab 5: SPALL ON LEFT BOTTOM CORNER MID SPAN 10" LONG X 5" WIDE X 1" DEEP



Span 2 Slab 7: 2" HONEYCOMB AREA ON BOTTOM MID SPAN

County: ROWAN

Date: 09/13/2021



Span 3 Expansion Joint: OLD MOISTURE SEEPAGE STAIN ON PIER 2 CAP



Bent 2 Cap 1: DELAM AREA 3' LONG X 5" WIDE OVER PILE 3 ON SOUTH FACE

Date: 09/13/2021

Condition Photos



Bent 2 Cap 1: CRACKING ON BOTTOM AROUND CORNERS OF PILE PLATES 1/64" WIDE UP TO 8" LONG



Bent 2 Cap 1: HAIRLINE DIAGONAL ON SOUTH FACE OVER PILE 2

County: ROWAN

Date: 09/13/2021



Bent 2 Cap 1: DELAM AREA ON NORTH FACE OVER PILE 2, 18" LONG X 5" WIDE



Bent 2 Cap 1: HAIRLINE LONGITUDINAL CRACK ON BOTH FACES ON EAST END AND OVER PILE 3

County: ROWAN

Date: 09/13/2021

Condition Photos



Bent 2 Cap 1: PATCH HAS CRACK ON TOP AT NORTHWEST CORNER



Bent 2 Pile 1: 1/4" STEEL REMAINING ON BOTTOM EAST NORTH FLANGE UP 2" FROM BOTTOM X 2" WIDE/PAR

County: ROWAN

Date: 09/13/2021

Condition Photos



Bent 2 Pile 1: RUST SCALE ON TOP OF PLATE WITH SURFACE RUST ON TOP OF PILE, RUST SCALE ON BOTTOM WEST NORTH FLANGE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE AREA STARTING AT BOTTOM 4" HIGH X 3" WIDE/PM

County: ROWAN

Date: 09/13/2021

Condition Photos



Bent 2 Pile 2: SURFACE AND RUST SCALE ON TOP OF PILE AND PLATE



Bent 2 Pile 2: RUST SCALE ON BOTTOM WEST FLANGE ON SOUTH SIDE UP 3" HIGH X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR

Date: 09/13/2021



Bent 2 Pile 2: RUST SCALE ON BOTTOM WEST FLANGE ON SOUTH SIDE UP 3" HIGH X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR



Bent 2 Pile 2: RUST SCALE ON BOTTOM EAST FLANGE ON SOUTH SIDE UP 3" HIGH X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR

County: ROWAN

Date: 09/13/2021



Bent 2 Pile 3: RUST SCALE ON BOTTOM WEST FLANGE ON SOUTH SIDE UP 3" HIGH X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR



Bent 2 Pile 3: RUST SCALE ON BOTTOM EAST FLANGE ON SOUTH SIDE UP 3" HIGH X 2" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR
County: ROWAN

Date: 09/13/2021



Bent 2 Pile 4: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON WEST SIDE UP 4" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR



Bent 2 Pile 4: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON WEST SIDE UP 4" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR

County: ROWAN

Date: 09/13/2021



Bent 2 Pile 4: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON EAST SIDE UP 4" WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR



Bent 2 Pile 4: RUST SCALE ON BOTTOM OF NORTH FLANGE ON WEST SIDE UP 4" WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/ PAR

County: ROWAN

Date: 09/13/2021

Condition Photos



Bent 2 Pile 5: RUST SCALE ON TOP PLATE WITH SURFACE RUST ON TOP OF PILE



Bent 2 Pile 5: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON WEST SIDE UP 2" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR

County: ROWAN

Date: 09/13/2021

Condition Photos



Bent 2 Pile 5: RUST SCALE ON BOTTOM OF NORTH FLANGE ON WEST SIDE UP 2" X 1" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR



Bent 2 Pile 5: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON EAST SIDE UP 3" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR

County: ROWAN

Date: 09/13/2021



Bent 2 Pile 5: RUST SCALE ON BOTTOM OF NORTH FLANGE ON EAST SIDE UP 4" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR



Bent 2 Pile 6: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON WEST SIDE UP 3" X 2" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR

County: ROWAN

Date: 09/13/2021



Bent 2 Pile 6: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON EAST SIDE UP 3" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR



Span 3 Slab 1: CRACK ON END AT PIER 2 UP TO 1/8" WIDE X 6" LONG

Date: 09/13/2021



Span 3 Slab 1: EFFLO BUILT UP ON BOTTOM FROM BETWEEN SLABS



Span 3 Slab 2: EFFLO ON BOTTOM FROM BETWEEN SLABS

County: ROWAN

Date: 09/13/2021

Condition Photos



Span 3 Slab 2: TWO CHIP SPALLS ON RIGHT EDGE 5' FROM PIER 2, ONE 4" X 2" X 1/2" DEEP AND OTHER 3" X 2" X 1/2" DEEP



Span 3 Slab 2: TWO CHIP SPALLS ON RIGHT EDGE 5' FROM PIER 2, ONE 4" X 2" X 1/2" DEEP AND OTHER 3" X 2" X 1/2" DEEP

County: ROWAN

Date: 09/13/2021

Condition Photos



Span 3 Slab 3: SPALL ON RIGHT BOTTOM EDGE 4" LONG X 2" WIDE X 1/4" DEEP 6' FROM PIER 2



Span 3 Slab 5: SPALL ON RIGHT BOTTOM EDGE 10" LONG X 2" WIDE X 1/2" DEEP NEAR MID SPAN

County: ROWAN

Date: 09/13/2021

Condition Photos



Span 3 Slab 5: SPALL ON RIGHT BOTTOM EDGE 5" LONG X 2" WIDE X 1/2" DEEP NEAR MID SPAN



Span 3 Expansion Joint: OLD MOISTURE STAIN ON END BENT 2 CAP

County: ROWAN

Date: 09/13/2021



End Bent 2 Cap 1: SPALL ON TOP UNDER SLAB 1, 4" X 2" X 1/2" DEEP



End Bent 2 Cap 1: HAIRLINE LONGITUDINAL AND MAP CRACKING ON ENDS

County: ROWAN

Date: 09/13/2021



End Bent 2 Pile 1: RUST SCALE ON TOP OF SOUTH FLANGE ON WEST END 3" LONG X 2" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR



End Bent 2 Pile 1: RUST SCALE ON TOP OF SOUTH FLANGE ON WEST END 3" LONG X 2" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR

County: ROWAN

Date: 09/13/2021

Condition Photos



End Bent 2 Pile 2: RUST SCALE ON TOP AT PILE PLATE WITH SURFACE RUST ON TOP OF PILE



End Bent 2 Pile 5: RUST SCALE ON BOTTOM FRONT FLANGE ON ACROSS WIDTH WITH 1/4" SECTION LOSS AND COMPLETE SECTION LOSS ON BOTTOM EAST SIDE 2" X 1" AREA ON 1/2" FLANGE/PAR

County: ROWAN

Date: 09/13/2021

Condition Photos



End Bent 2 Pile 5: RUST SCALE ON BOTTOM FRONT FLANGE ON ACROSS WIDTH WITH 1/4" SECTION LOSS AND COMPLETE SECTION LOSS ON BOTTOM EAST SIDE 2" X 1" AREA ON 1/2" FLANGE/PAR



End Bent 2 Cap 1: CRACKING ON BOTTOM AROUND CORNERS OF PILES 1/64" WIDE UP TO 6" LONG

County: ROWAN

Date: 09/13/2021



PILES NOT CENTERED ON PLATES ARE MISALIGNED

Stream Bed Soundings (Profile diagram on following sheet)

County ROWAN

Structure Number: 790201

Inspection Date 09/13/2021

Sounding recorded from: Top of Bridge Rail

Highwater Mark Distance 9

Location of Highwater Mark BEHIND PIERS AT BANK

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
1.000	4.500	0.000	TOP OF CAP
2.000	4.500	0.000	
2.100	7.000	7.000	GAC
8.000	8.000	0.000	
22.000	8.200	0.000	
32.000	13.000	11.170	PIER 1
40.000	13.830	0.000	WSWE
43.000	14.083	0.000	
48.000	14.083	0.000	
53.000	13.750	0.000	WSWE
56.000	12.000	0.000	
62.000	10.000	13.000	PIER 2
75.000	8.000	0.000	
88.000	7.000	0.000	
89.920	7.000	8.000	GAC
90.000	4.500	0.000	TOP OF CAP
91.000	4.500	0.000	



Structure Data Worksheet



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	31.167	29.160			
2	30.083	29.083			
3	31.167	29.160			

County: ROWAN

Date: 09/13/2021

Structure Photos



LOOKING NORTH



SOUTH APPROACH

County: ROWAN

Date: 09/13/2021

Structure Photos



LOOKING NORTH FROM DECK



LOOKING DOWNSTREAM EAST FROM TOP

County: ROWAN

Date: 09/13/2021

Structure Photos



LOOKING SOUTH FROM DECK



LOOKING UPSTREAM WEST FROM TOP

County: ROWAN

Date: 09/13/2021

Structure Photos



NORTH APPROACH



LOOKING SOUTH



3" UTILITY CONNECTED TO BACK OF LEFT RAIL



WEST PROFILE

County: ROWAN

Date: 09/13/2021

Structure Photos



END BENT 2 AND 1 SIMILAR



PIERS 2 AND 1 SIMILAR

County: ROWAN

Date: 09/13/2021

Structure Photos



LOOKING DOWNSTREAM PROFILE



SUPERSTRUCTURE

County: ROWAN

Date: 09/13/2021

Structure Photos



LOOKING UPSTREAM PROFILE



EAST PROFILE

Bridge: 790201

County ROWAN

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
3354	Maintain Steel Substructure Components	LF	1	End Bent 1 Pile 1: RUST SCALE WITH STEEL DOWN TO KNIFE EDGE EAST SIDE OF FRONT FLANGE ABOVE FOOTING 46" HIGH x 2" WIDE/ PAR	
戦 3354	Maintain Steel Substructure Components	LF	1	End Bent 1 Pile 2: 1/4" STEEL REMAINING ON FRONT WEST EDGE 3" HIGH X 1" WIDE/PAR	
3354	Maintain Steel Substructure Components	LF	1	End Bent 1 Pile 6: RUST SCALE WITH REMAINING STEEL DOWN TO KNIFE EDGE ON EAST SIDE FRONT FLANGE UP 5" HIGH ABOVE FOOTING X 2" WIDE WITH EDGE BREAKING OFF/ PAR	
戦 3354	Maintain Steel Substructure Components	LF	0	Bent 1 Pile 1: 1/4" STEEL REMAINING ON BOTTOM WEST SPAN 2 FLANGE UP 3" x 2" WIDE/PAR	
戦 3354	Maintain Steel Substructure Components	LF	0	Bent 1 Pile 3: 1/8" STEEL REMAINING ON BACK EAST FLANGE AT BOTTOM UP 3"/PAR	
3354	Maintain Steel Substructure Components	LF	0	Bent 1 Pile 4: RUST SCALE ON PILE PLATE WITH SURFACE RUST ON TOP AND RUST SCALE ON BOTTOM OF FLANGE ON EAST SIDE ON SOUTH FACE UP 3" X 2" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR	
戦 3354	Maintain Steel Substructure Components	LF	0	Bent 2 Pile 1: 1/4" STEEL REMAINING ON BOTTOM EAST NORTH FLANGE UP 2" FROM BOTTOM X 2" WIDE/PAR	
3354	Maintain Steel Substructure Components	LF	0	Bent 2 Pile 1: RUST SCALE ON TOP OF PLATE WITH SURFACE RUST ON TOP OF PILE, RUST SCALE ON BOTTOM WEST NORTH FLANGE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE AREA STARTING AT BOTTOM 4" HIGH X 3" WIDE/PM	
🔌 3354	Maintain Steel Substructure Components	LF	1	Bent 2 Pile 2: RUST SCALE ON BOTTOM WEST FLANGE ON SOUTH SIDE UP 3" HIGH X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR	
🔌 3354	Maintain Steel Substructure Components	LF	0	Bent 2 Pile 2: RUST SCALE ON BOTTOM EAST FLANGE ON SOUTH SIDE UP 3" HIGH X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR	
3354	Maintain Steel Substructure Components	LF	1	Bent 2 Pile 3: RUST SCALE ON BOTTOM WEST FLANGE ON SOUTH SIDE UP 3" HIGH X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR	

Key

Bridge: 790201

County ROWAN

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
3354	Maintain Steel Substructure Components	LF	0	Bent 2 Pile 3: RUST SCALE ON BOTTOM EAST FLANGE ON SOUTH SIDE UP 3" HIGH X 2" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR	
3354	Maintain Steel Substructure Components	LF	1	Bent 2 Pile 4: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON WEST SIDE UP 4" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR	
3354	Maintain Steel Substructure Components	LF	0	Bent 2 Pile 4: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON EAST SIDE UP 4" WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR	
3354	Maintain Steel Substructure Components	LF	0	Bent 2 Pile 4: RUST SCALE ON BOTTOM OF NORTH FLANGE ON WEST SIDE UP 4" WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/ PAR	
3354	Maintain Steel Substructure Components	LF	0	Bent 2 Pile 5: RUST SCALE ON BOTTOM OF NORTH FLANGE ON EAST SIDE UP 4" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR	
戦 3354	Maintain Steel Substructure Components	LF	0	Bent 2 Pile 6: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON EAST SIDE UP 3" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR	
戦 3354	Maintain Steel Substructure Components	LF	1	Bent 2 Pile 5: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON WEST SIDE UP 2" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR	
戦 3354	Maintain Steel Substructure Components	LF	0	Bent 2 Pile 5: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON EAST SIDE UP 3" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR	
戦 3354	Maintain Steel Substructure Components	LF	0	Bent 2 Pile 5: RUST SCALE ON BOTTOM OF NORTH FLANGE ON WEST SIDE UP 2" X 1" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR	
戦 3354	Maintain Steel Substructure Components	LF	1	End Bent 2 Pile 1: RUST SCALE ON TOP OF SOUTH FLANGE ON WEST END 3" LONG X 2" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR	
3354	Maintain Steel Substructure Components	LF	1	End Bent 2 Pile 5: RUST SCALE ON BOTTOM FRONT FLANGE ON ACROSS WIDTH WITH 1/4" SECTION LOSS AND COMPLETE SECTION LOSS ON BOTTOM EAST SIDE 2" X 1" AREA ON 1/2" FLANGE/PAR	

Key

Bridge: 790201

County ROWAN

MMS Code	MN	//S Descrip	otion		Quantity	
3354	Mai	ntain Stee	I Substructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Leve)		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
09/13/2021		DREW	HACKNEY			
Details						
End Bent 1 FOOTING 4	Pile 1: 6" HIC	RUST SC 3H x 2" WI	ALE WITH STEEL DOWN TO KNI DE/ PAR	FE EDGE EAST SIDE OF FRONT F	LANGE ABO	OVE

MMS Code	MM	AS Descrip	Description				
3354	Mai	ntain Stee	Substructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el l		Status				
	Request Awaiting Assignment						
Submitted D	ate:	Submitte	d By:	Assisted By:			
09/13/2021		DREW	HACKNEY				
Details							
End Bent 1	Pile 2:	1/4" STEE	EL REMAINING ON FRONT WEST	EDGE 3" HIGH X 1" WIDE/PAR			

Bridge: 790201

County ROWAN

MMS Code	MN	MMS Description						
3354	Mair	ntain Steel	I Substructure Components		1	LF		
Location:								
			Bent/Span No.					
Priority Level			Status	Status				
			Request Awaiting Assignment					
Submitted D	ate:	Submitte	d By:	Assisted By:				
09/13/2021		DREW I	HACKNEY					
Details								
End Bent 1 I FLANGE UF	Pile 6: ? 5" HI	RUST SC GH ABOV	ALE WITH REMAINING STEEL D E FOOTING X 2" WIDE WITH ED	OWN TO KNIFE EDGE ON EAST SI GE BREAKING OFF/ PAR	DE FRONT			

MMS Code	MN	/IS Descrip	Quantity					
3354	Mair	ntain Steel	I Substructure Components		0	LF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status	Status				
			Request Awaiting Assignment	equest Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:				
09/13/2021		DREW I	HACKNEY					
Details								
Bent 1 Pile ²	1: 1/4"	STEEL RI	EMAINING ON BOTTOM WEST S	PAN 2 FLANGE UP 3" x 2" WIDE/PA	٨R			

Bridge: 790201

County ROWAN

MMS Code	MN	IS Descrip	Quantity					
3354	Mai	ntain Stee	I Substructure Components		0	LF		
Location:								
			Bent/Span No.					
Priority Leve	əl		Status	Status				
			Request Awaiting Assignment					
Submitted D	ate:	Submitte	d By:	Assisted By:				
09/13/2021		DREW I	HACKNEY					
Details								
Bent 1 Pile 3	3: 1/8"	STEEL RI	EMAINING ON BACK EAST FLAN	GE AT BOTTOM UP 3"/PAR				

MMS Code	MN	MMS Description Quantity							
3354	Mair	ntain Steel	Substructure Components		0	LF			
Location:									
			Bent/Span No.						
Priority Leve	el		Status	Status					
			Request Awaiting Assignment						
Submitted D	oate:	Submitte	d By:	Assisted By:					
09/13/2021		DREW H	HACKNEY						
Details									
Bent 1 Pile 4 FLANGE ON FLANGE/PA	4: RUS N EAS AR	ST SCALE T SIDE ON	ON PILE PLATE WITH SURFACE N SOUTH FACE UP 3" X 2" WIDE	RUST ON TOP AND RUST SCALE WITH 1/4" STEEL REMAINING ON	ON BOTTC 1/2")M OF			

Bridge: 790201

County ROWAN

MMS Code	MN	//S Descrip		Quantity			
3354	Mair	ntain Steel	Substructure Components		0	LF	
Location:							
			Bent/Span No.				
Priority Leve	3J		Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
09/13/2021		DREW I	HACKNEY				
Details							
Bent 2 Pile 1: 1/4" STEEL REMAINING ON BOTTOM EAST NORTH FLANGE UP 2" FROM BOTTOM X 2" WIDE/PAR							

MMS Code	MN	MS Description Quantity						
3354	Maii	ntain Steel	Substructure Components		0	LF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
			Request Awaiting Assignment	Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:				
09/13/2021		DREW I	HACKNEY					
Details								
Bent 2 Pile 7 BOTTOM W 4" HIGH X 3	1: RUS /EST N 5" WID	ST SCALE NORTH FL E/PM	ON TOP OF PLATE WITH SURFA ANGE WITH 1/4" STEEL REMAIN	ACE RUST ON TOP OF PILE, RUST IING ON 1/2" FLANGE AREA STAR ⁻	SCALE ON TING AT BC	I DTTOM		

Bridge: 790201

County ROWAN

MMS Code	MN	MMS Description					
3354	Mair	Maintain Steel Substructure Components				LF	
Location:							
Bent/Span No.							
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
09/13/2021		DREW I	HACKNEY				
Details							
Bent 2 Pile 2: RUST SCALE ON BOTTOM WEST FLANGE ON SOUTH SIDE UP 3" HIGH X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR							

MMS Code	MN	//S Descrip	Quantity				
3354	Mai	ntain Stee ^r	Substructure Components	0	LF		
Location:	Location:						
			Bent/Span No.				
Priority Leve	el		Status				
			Request Awaiting Assignment				
Submitted D	oate:	Submitte	ed By: Assisted By:				
09/13/2021		DREW I	HACKNEY				
Details							
Bent 2 Pile 2: RUST SCALE ON BOTTOM EAST FLANGE ON SOUTH SIDE UP 3" HIGH X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR							

Bridge: 790201

County ROWAN

MMS Code	MN	MMS Description					
3354	Mair	ntain Stee	1	LF			
Location:	Location:						
Bent/Span No.							
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	oate:	Submitte	d By: Assisted By:				
09/13/2021		DREW I	HACKNEY				
Details							
Bent 2 Pile 3: RUST SCALE ON BOTTOM WEST FLANGE ON SOUTH SIDE UP 3" HIGH X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR							

MMS Code	MN	/IS Descrip	Quantity				
3354	Mair	ntain Stee	Substructure Components	0	LF		
Location:	Location:						
			Bent/Span No.				
Priority Leve	əl		Status				
			Request Awaiting Assignment				
Submitted D	oate:	Submitte	ed By: Assisted By:				
09/13/2021		DREW I	HACKNEY				
Details							
Bent 2 Pile 3: RUST SCALE ON BOTTOM EAST FLANGE ON SOUTH SIDE UP 3" HIGH X 2" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR							

Bridge: 790201

County ROWAN

MMS Code	MN	/IS Descrip	Quantity				
3354	Mai	ntain Stee		1	LF		
Location:							
Bent/Span No.							
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D)ate:	Submitte	d By:	Assisted By:			
09/13/2021		DREW I	HACKNEY				
Details							
Bent 2 Pile 4: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON WEST SIDE UP 4" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR							

MMS Code	MN	/IS Descrip	Quantity				
3354	Mai	ntain Steel	0	LF			
Location:	Location:						
			Bent/Span No.				
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	Date:	Submitte	d By: Assisted By:				
09/13/2021		DREW I	HACKNEY	Y			
Details							
Bent 2 Pile 4: RUST SCALE ON BOTTOM OF SOUTH FLANGE ON EAST SIDE UP 4" WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR							

Bridge: 790201

County ROWAN

MMS Code	MN	MMS Description				Quantity	
3354	Mair	ntain Stee		0	LF		
Location:							
Bent/Span No.							
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	oate:	Submitte	d By: Assisted By:				
09/13/2021		DREW I	HACKNEY				
Details							
Bent 2 Pile 4: RUST SCALE ON BOTTOM OF NORTH FLANGE ON WEST SIDE UP 4" WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/ PAR							

MMS Code	MN	MMS Description					
3354	Mair	ntain Stee	Substructure Components	0	LF		
Location:	Location:						
			Bent/Span No.				
Priority Leve	el		Status				
			Request Awaiting Assignment				
Submitted D	oate:	Submitte	d By: Assisted By:				
09/13/2021		DREW I	HACKNEY				
Details							
Bent 2 Pile 5: RUST SCALE ON BOTTOM OF NORTH FLANGE ON EAST SIDE UP 4" X 2" WIDE WITH 1/8" STEEL REMAINING ON 1/2" FLANGE/PAR							
BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 790201

County ROWAN

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

MMS Code	MMS Description			Quantity			
3354	Mair	ntain Steel	I Substructure Components		0	LF	
Location:							
			Bent/Span No.				
Priority Level S			Status				
	Request Awaiting Assignment						
Submitted D	Date:	Submitte	ed By: Assisted By:				
09/13/2021		DREW I	HACKNEY				
Details							
Bent 2 Pile 6 STEEL REN	3: RUS /AININ	ST SCALE IG ON 1/2	ON BOTTOM OF SOUTH FLANG FLANGE/PAR	E ON EAST SIDE UP 3" X 2" WIDE	WITH 1/8"		

MMS Code	MN	MMS Description			Quantity	
3354	Mair	ntain Steel	Substructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Leve	əl		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	ed By: Assisted By:			
09/13/2021		DREW I	HACKNEY			
Details						
Bent 2 Pile & STEEL REM	5: RUS /AININ	3T SCALE NG ON 1/2	ON BOTTOM OF SOUTH FLANG " FLANGE/PAR	E ON WEST SIDE UP 2" X 2" WIDE	WITH 1/8"	

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 790201

County ROWAN

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

MMS Code	MMS Description			Quantity		
3354	Mair	ntain Steel	I Substructure Components		0	LF
Location:						
			Bent/Span No.			
Priority Leve	Priority Level Status					
Request Awaiting Assignment						
Submitted D	Date:	Submitte	d By:	Assisted By:		
09/13/2021		DREW I	HACKNEY			
Details						
Bent 2 Pile 5 STEEL REM	5: RUS IAININ	ST SCALE	ON BOTTOM OF SOUTH FLANG " FLANGE/PAR	E ON EAST SIDE UP 3" X 2" WIDE	WITH 1/8"	

MMS Code	MN	/MS Description			Quantity	
3354	Mair	ntain Stee	I Substructure Components		0	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
	Request Awaiting Assignment					
Submitted D	oate:	Submitte	d By:	Assisted By:		
09/13/2021		DREW I	HACKNEY			
Details						
Bent 2 Pile 5: RUST SCALE ON BOTTOM OF NORTH FLANGE ON WEST SIDE UP 2" X 1" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR						

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 790201

County ROWAN

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

MMS Code	MN	MMS Description					
3354	Mai	ntain Stee	I Substructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Leve	3J		Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
09/13/2021		DREWI	HACKNEY				
Details							
End Bent 2 Pile 1: RUST SCALE ON TOP OF SOUTH FLANGE ON WEST END 3" LONG X 2" WIDE WITH 1/4" STEEL REMAINING ON 1/2" FLANGE/PAR							

MMS Code	MN	MMS Description				Quantity	
3354	Mair	ntain Steel	I Substructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Leve)		Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
09/13/2021		DREW I	HACKNEY				
Details							
End Bent 2 Pile 5: RUST SCALE ON BOTTOM FRONT FLANGE ON ACROSS WIDTH WITH 1/4" SECTION LOSS AND COMPLETE SECTION LOSS ON BOTTOM EAST SIDE 2" X 1" AREA ON 1/2" FLANGE/PAR							

Roadway	25ft Wide	2 Paved Lanes	Looking North
Left Shoulder	5ft Wide		5ft Unpaved
Right Shoulder	7ft Wide		7ft Unpaved
Left Guardrail			
Right Guardrail			

TAKEN 25' SOUTH FROM BRIDGE

Title		Description		
APPROACH ROADWAY S	КЕТСН	APPROACH ROADWAY SKETCH		
Bridge No: 790201	Drawn By: GDP	Date:09/08/09	File Name:S0066000433	

Deck Width/Out to Out 33ft			Between Rails			
Clear Roadway 29.33ft			Wearing Surface			
Median Width		Median	Median Height			
Curb Height		Left		Right		
Sidewalk Width	Left		Right			
Clear Roadway (Rail to Median)	Left		Right		
Guardrail Width	Left	1.167ft	Right	1.167ft		
Top of Rail to Deck/Wearing Su	Left	2.75ft	Right	2.75ft		
Bridge Rail	Left	Type 76	Right	Type 76		

	0 "		1		
Measurements to	1				
Deck Thickness		Left O	Left Overhang		
Top of Rail to Bot	4.5	Right Overhang		0	
Number of Slabs	Slab Width	Slab He	eight	Comments	
12	2.75ft	1.66ft	-		

CLEAR ROADWAY TAKEN BETWEEN WHEEL GUARDS

ALL SPANS SIMILAR

MEASUREMENTS VERIFIED BY DH 9/13/2021

Title		Description			
STRUCTURE DATA SKETCH			STRUCTURE DATA SKETCH		
Bridge No: 790201	Drawn By: GDP	-	Date: _{09/08/09}	File Name:S0066000434	

Cap In	formation		Material	PRE	CAST CO	VCRE	TE						
Length Width		Height	Left Overhang		Right Overhan		Left Beam to Er		nd of Cap. Rig		ht Beam to End of Cap.		
40.270	.270 ft. 2 ft. 1.5 ft.		3.000 ft. 2.		2.670 ft		2.8	375 ft.		2.375 ft.		·	
Subca	p Informatior		Material										
Length Width Height			Left Overhang Right Ove			rhang Left Pile to Splice.							
Sill Info	ormation		Material										
Lengt	h Width	Height											
10.270	ft. 1.500 ft	1.750 ft.											
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orie	ntation	Driven?	Replacem	ent?	Removed?	Collar?	
1	Steel	6.917 ft.	1 ft.					No	No		No	No	
2	Steel	6.917 ft.	1 ft.					No	No		No	No	
3	Steel	6.917 ft.	1 ft.					No	No		No	No	
4	Steel	6.917 ft.	1 ft.					No	No		No	No	
5	Steel	6.917 ft.	1 ft.					No	No		No	No	
6	Steel		1 ft.					No	No		No	No	
Γ	MEASUF	REMEN	TS VEF	RIFIE	D BY C	DH 9	9/13/2	2021					
3ent/A	butment #:	1	Similar E	Bents:	2								
							Description						
		Drower	By: (-1)P				Date			File Na	mo:o o o o o o		

Can In	formation		Material F	Precast	Concrete							
Lengt	h Width	Height	Left Overhang		Right Overh	ang Left B	Left Beam to End of Cap.			Right Beam to End of Cap.		
40.170	ft. 2 ft.	1.5 ft.	3.117 ft.		2.500 ft.	2.3	2.375 ft.			2.375 ft.		
Subca	p Informatio	on	Material									
Lengt	Length Width Height			Left Overhang		ang Left P	J Left Pile to Splice.					
Sill Info Lengt 40.170	ormation h Width ft. 3.000	Height ft. 2.500 ft.	Material									
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replaceme	ent?	Removed?	Collar?	
1	Steel	5.75 ft.	1 ft.			Battered	No	No		No	No	
2	Steel	5.75 ft.	1 ft.			Vertical	No	No		No	No	
3	Steel	5.75 ft.	1 ft.			Vertical	No	No		No	No	
4	Steel	5.75 ft.	1 π.			Vertical	No	No		NO	NO	
5 6	Steel	5.75 ft	1 IL. 1 ff			Vertical	No	No		No	NO	
7	Steel	5.75 ft.	1 IL. 1 ff			Battered	No	No		No	No	
М	EASUF	REMENT	S VERI	FIEC	BY DH	I 9/13/2	021				-	
Bent/A	butment #·	1	Similar P	Sents:	2			I				
itle		1		/onto.	<u>~</u> г	Description	1					
		DC	F	PILE DIAGRAM PIERS								
		къ Б										
age No:	790201	Drawr	IBY: ODP			Date	[:] 09/08/09	ŀ	rile Nar	" ^{e:} S00660(0436	