NC DEPARTMENT OF TRANSPORTATION

ATTENTION: LADDER USED FOR INSPECTION / "PAR"s ISSUED



DIVISION OF HIGHWAYS STRUCTURE MANAGEMENT UNIT

Structure Safety Report

Routine Element Inspection - Contract

STRUCTURE NUMBER: 810022	SAP STRUCTURE NO:	0820022	FHWA STRUCTURE NO:	00000001630022
DIVISION: 3 COUNTY: SAMPSON	INSPE	CTION DATE: 06/2	7/2022 FREQUENCY:	24 MONTHS
FACILITY CARRIED: US701				
LOCATION: 0.7 MI N SR1259				
FEATURE INTERSECTED: BILLS SWAMP				
LATITUDE: 34° 48' 51.31"	LONGITUDE:	78° 21' 56.84"		
SUPERSTRUCTURE: RC FLOOR ON CON	IT. I-BEAMS			
SUBSTRUCTURE: EBTS & INT.BTS:CONC	RETE CAP ON TIMBE	R PILES		
SPANS: 6 SPANS. SEE SPAN PROFILE	SHEET FOR SPAN DE	ETAILS		
FRACTURE CRITICAL		SCOUR CRITICAI		F ACTION
GRADES: (Inspector/NBI Coding) DECK 7/7		RE <u>6/6</u> SUI	BSTRUCTURE 6/6 CU	LVERT N/N
POSTED SV: Not Posted		POSTED TTST:	Not Posted	

OTHER SIGNS PRESENT: 4 DELINEATORS

			Sign notice issued for	d	Number Required
	No.		NO	WEIGHT LIMIT	0
		Bar all	NO	DELINEATORS	0
			NO	NARROW BRIDGE	0
			NO	ONE LANE BRIDGE	0
			NO	LOW CLEARANCE	0
		- The second			
			DIRE INSF	CTION OF S-N	
	and the		DIR MATCH	ECTION IES PLANS	
INSPECTED BY TIM EARP	SIGNATURE	Tim Early	ASSISTED B	WARREN HACKLE	R

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

IDENTIFICATION	
(1) STATE NAME NORTH CAROLINA BRIDGE 810022	SUFFICIENCY RATING 72.87
(8) STRUCTURE NUMBER (FEDERAL) 1630022	STATUS =
(5) INVENTORY ROUTE (ON/UNDER) ON 121007010	CLASSIFICATION CODE
(2) STATE HIGHWAY DEPARTMENT DISTRICT 3 (3) COLINITY CODE (FEDERAL) 163 (4) PLACE CODE 00000	(112) NBIS BRIDGE SYSTEM YES
(6) FEATURE INTERSECTED BILLS SWAMP	(104) HIGHWAY SYSTEM Inventory Route not on NHS 0
(7) FACILITY CARRIED US701	(26) FUNCTIONAL CLASS Rural Minor Arterial 06
(9) LOCATION 0.7 MI N SR1259	(100) STRAHNET HIGHWAY Not a STRAHNET Route 0
(11) MILEPOINT 0.0	(101) PARALLEL STRUCTURE No parallel structure exists N
(12) BASE HIGHWAY NE I WORK 1 (13) LRS INVENTORY ROLITE & SUBROLITE 20701	(102) DIRECTION OF TRAFFIC 2-way traffic 2
(16) LATITUDE 34° 48' 51.31" (17) LONGITUDE 78° 21' 56.84"	(103) TEMPORARY STRUCTURE Temporary Structure or Conditions T
(98) BORDER BRIDGE STATE CODE PERCENT SHARED	(110) DESIGNATED NATIONAL NETWORK - on natiional network for trucks 1
(99) BORDER BRIDGE STRUCTURE NUMBER	(20) TOLL On Free Road 3
	(21) MAINT - 01
(43) STRUCTURE TYPE MAIN Steel Continuous	- (22) OWNER - 01
TYPE Stringer/Multi-beam or girder CODE 402	(37) HISTORICAL SIGNIFICANCE - 5
(44) STRUCTURE TYPE APPROACH	
TYPE CODE	(58) DECK 7
(45) NUMBER OF SPANS IN MAIN UNIT	(59) SUPERSTRUCTURE 6
(46) NUMBER OF SPANS IN APPROACH	(60) SUBSTRUCTURE
(107) DECK STRUCTURE TYPE CODE 1	
(A) TYPE OF MEMBRANE CODE 0	(31) DESIGN LOAD RATING AND POSTING CODE (31) DESIGN LOAD HS 15 3
(C) TYPE OF DECK PROTECTION CODE 0	(63) OPERATING RATING METHOD - Load Factor 1
	(64) OPERATING RATING - HS-27 48
AGE AND SERVICE	(65) INVENTORY RATING METHOD - 1
	(65) INVENTORY PATING METHOD - HS-16 28
	(30) INVENTORY RATING
(42) TTPE OF SERVICE ON - Highway	(10) BRIDGE POSTING NO POSTING Required 5
	(41) STRUCTURE OPEN, POSTED, OR CLOSED D
(20) LANES ON STRUCTURE 2 LANES UNDER STRUCTURE 0	DESCRIPTION Open, would be psoted or closed escept for temporary shoring
(29) AVERAGE DAILY TRAFFIC 4100	APPRAISAL CODE
(30) YEAR OF ADT 2019 (109) TRUCK ADT PCT 8	(67) STRUCTURAL EVALUATION 6
(19) BYPASS OR DETOUR LENGTH 2.0	(68) DECK GEOMETRY 4
GEOMETRIC DATA	69) UNDERCLEARANCES, VERT & HORIZ N
(48) LENGTH OF MAXIMUM SPAN 20.0	(71) WATERWAY ADEQUACY 7
(49) STRUCTURE LENGTH 121.0	(72) APPROACH ROADWAY ALIGNMENT 8
(50) CURB OR SIDEWALK: LEFT 1.6 RIGHT 1.6	(36) TRAFFIC SAFETY FEATURES 0000
(51) BRIDGE ROADWAT WIDTH, CORB TO CORB 22.1 (52) DECK WIDTH OUT TO OUT 33.4	(113) SCOUR CRITICAL BRIDGES 8
(32) APPROACH ROADWAY WITH (W/ SHOULDERS) 26.0	PROPOSED IMPROVEMENTS
(33) BRIDGE MEDIAN No median CODE 0	(75) TYPE OF WORK CODE
(34) SKEW 0 (35) STRUCTURE FLARED 0	(76) LENGTH OF STRUCTURE IMPROVEMENT
(10) INVENTORY ROUTE MIN VERT CLEAR 999.9 (47) INVENTORY ROUTE TOTAL HORIZ CLEAR 28.1	(94) BRIDGE IMPROVEMENT COST
(53) MIN VERT CLEAR OVER BRIDGE RDWY 999.9	(95) ROADWAY IMPROVEMENT COST
(54) MIN VERT UNDERCLEAR: REFERENCE 0.0	(96) TOTAL PROJECT COST
(55) MIN LAT UNDERCLEARANCE RT: REFERENCE N 0.0	(97) YEAR OF IMPROVEMENT COST ESTIMATE
(56) MIN LAT UNDERCLEARANCE LT: 0.0	(114) FUTURE ADT 8.200 YEAR OF FUTURE ADT 2040
NAVIGATION DATA	INSPECTION
(38) NAVIGATION CONTROL - CODE N	(90) INSPECTION DATE 06/22 (91) FREQUENCY 24
(111) PIER PROTECTION CODE	(92) CRITICAL FEATURE INSPECTION (93) CFI DATE
(39) NAVIGATION VERTICAL CLEARANCE 0.0	A) FRACTURE CRIT DETAIL A)
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR 0.0	B) UNDERWATER INSP B)
(40) NAVIGATION HORIZONTAL CLEARANCE 0.0	C) OTHER SPECIAL INSP C)
	SCOUR

Superstructure Build Details

Skew 90.0000

Span Length 20.2500

Span Number <u>1</u>

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	635	Square Feet		
1	Standard Joint	Pourable Joint Seal	32	Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	42	Feet		
15	Other Bearing	Other Bearings	15	Each	Legacy Non Lead Primer System with various Topcoats	15
1	Asphalt Wearing Surface	Wearing Surface	569	Square Feet		
5	Plate Girder	Steel Open Girder/Beam	200	Feet	Legacy Red Lead Primer Systems with Various Topcoats	865
Span Number 2 Span Length 20.0000 Skew 90.0000						1

Number of Items	Type of Component	Element Name	Quantity		Quantity		Quantity		Quantity		Quantity		Quantity		Quantity		Protective System Applied	Quantity (Sq Ft)
2	Concrete Railing	Reinforced Concrete Bridge Railing	40	Feet														
1	Asphalt Wearing Surface	Wearing Surface	562	Square Feet														
1	Reinforced Concrete Deck	Reinforced Concrete Deck	627	Square Feet														
Span Number 3 Span Length 20.0000 Skew 90.0000																		

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
5	Plate Girder	Steel Open Girder/Beam	200	Feet	Legacy Red Lead Primer Systems with Various Topcoats	865
15	Other Bearing	Other Bearings	15	Each	Legacy Red Lead Primer Systems with Various Topcoats	15
1	Reinforced Concrete Deck	Reinforced Concrete Deck	627	Square Feet		
1	Asphalt Wearing Surface	Wearing Surface	562	Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	40	Feet		
Span Number 4 Span Length 20.0000				Sk	ew 90.0000	

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
2	Concrete Railing	Reinforced Concrete Bridge Railing	40	Feet		
1	Asphalt Wearing Surface	Wearing Surface	562	Square Feet		

Superstructure Build Details

1	Reinforced Concrete Deck	Reinforced Concrete Deck	627	Square Feet		
Span Number <u>5</u> Span		n Length 20.0000		Ske	ew 90.0000	

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	562 Square Feet			
5	Plate Girder	Steel Open Girder/Beam	200 Feet		Legacy Red Lead Primer Systems with Various Topcoats	865
15	Other Bearing	Other Bearings	15	Each	Legacy Red Lead Primer Systems with Various Topcoats	15
2	Concrete Railing	Reinforced Concrete Bridge Railing	40	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	627	Square Feet		
Span Number 6 Span Length 20.2500 Skew 90.0000						

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
2	Concrete Railing	Reinforced Concrete Bridge Railing	42	Feet		
1	Asphalt Wearing Surface	Wearing Surface	569	Square Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	635	Square Feet		
1	Standard Joint	Pourable Joint Seal	32	Feet		

Structure Element Scoring

Structure Number: 810022

Inspection Date 6/27/2022

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	0	Reinforced Concrete Deck	Deck	3778	1517	2235	26	0
107	0	Steel Open Girder/Beam	Beam	600	24	558	14	4
515	107	Steel Protective Coating	Beam	2595	1577	1	1013	4
215	0	Reinforced Concrete Abutment	Abutments	66	57	9	0	0
225	0	Steel Pile	Piles and Columns	15	0	15	0	0
515	225	Steel Protective Coating	Piles and Columns	2595	2255	24	316	0
228	0	Timber Pile	Piles and Columns	38	8	20	10	0
234	0	Reinforced Concrete Pier Cap	Caps	197	184	10	3	0
301	0	Pourable Joint Seal	Expansion Joints	64	64	0	0	0
316	0	Other Bearings	Bearing Device	45	0	38	1	6
515	316	Steel Protective Coating	Bearing Device	45	0	1	44	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	244	112	132	0	0
510	0	Wearing Surface	Wearing Surfaces	3386	3324	62	0	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 810022

Inspection Date: 06/27/2022

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Cracking (RC and Other)	2179 Square Feet
3326	Reinforced Concrete Deck	Patched Areas	8 Square Feet
3326	Reinforced Concrete Deck	Delamination/Spall	52 Square Feet
3314	Steel Open Girder/Beam	Corrosion	49 Feet
3314	Steel Open Girder/Beam	Damage	3 Feet
3344	Timber Pile	Decay/Section Loss	36 Each
3344	Timber Pile	Check/Shake	13 Each
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	2 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	9 Feet
3334	Other Bearings	Connection	15 Each
3334	Other Bearings	Corrosion	2 Each
3318	Reinforced Concrete Bridge Railing	Delamination/Spall	86 Feet
2816	Wearing Surface	Crack (Wearing Surface)	110 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	1754 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	349 Square Feet

Element Structure Maintenance Quantities

Structure Number: 810	0022				Ir	nspection D	06/27/	2022
Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	0	66	0	0	9	57
Beam	3314	Maintenance Steel Superstructure Components	18	600	4	14	558	24
Beam	3342	Clean and Paint Steel	1018	2595	4	1013	1	1577
Bearing Device	3334	Bridge Bearing	7	45	6	1	38	0
Bearing Device	3342	Clean and Paint Steel	45	45	0	44	1	0
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	84	244	0	0	132	112
Caps	3348	Maintenance of Concrete Substructure	7	197	0	3	10	184
Deck	3326	Maintenance of Concrete Deck	2212	3778	0	26	2235	1517
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	64	0	0	0	64
Piles and Columns	3342	Clean and Paint Steel	340	2595	0	316	24	2255
Piles and Columns	3344	Maintenance To Timber Substructure	35	38	0	10	20	8
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	15	0	0	15	0
Wearing Surfaces	2816	Asphalt Surface Repair	62	3386	0	0	62	3324

structure Nur	nber <u>810022</u>		
Span1			
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 1 Beam 1: LEFT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 18" LONG x 3" WIDE. AREA ALSO HAS 1 1/2" x 1 1/2" AREA OF 100% SECTION
2	Corrosion	1	Span 1 Beam 1: WEB OVER BENT 2 HAS (2) AREAS OF 100% SECTION LOSS
2	Corrosion	1	Span 1 Beam 1 - Far Bearing: SECTION LOSS WITH 3/4" REMAINING THRU-OU
2	Corrosion	1	Span 1 Beam 1: RIGHT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 11" LONG x 3" WIDE. "PAR" ISSUED
3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 1 Beam 2: BOTTOM FLANGE AND WEB OVER BENT 2 HAS AREAS OF SECTION LOSS. WEB AREA IS: 6" LONG x 1" TALL WITH 1/4" REMAINING. BOTTOM FLANGE AREA IS: 12" LONG x FULL WIDTH WITH DOWN TO 1/4" REMAINING. "PAR"
3314	Beam 3	Plate Girder	
Priority	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 3: BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"
3314	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 4: RIGHT BOTTOM FLANGE OVER BENT 2. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x 3 1/2" WIDE. "PAR"
Span 3			
3334	Beam 2	Plate Girder	
Priority		O	
Level 2	Defect Type Connection	Quantity 1	Defect Description Span 3 Beam 2 - Far Bearing: ANCHOR BOLT NUT MISSING ON BOTH SIDES.
•	Corrosion	1	"PAR" "PAR" Soan 3 Beam 2: RIGHT BOTTOM ELANCE OVER BENT 2 HAS A AREA OF
2	CUTUSIUII	1	SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x 3" WIDE. "PAR
3334	Beam 3	Plate Girder	
2 Priority A	Action Request (PAR)	Assigned Routine	e Maintenance 2 Assigned Priority Maintenance 3 Assigned Critical Find

Structure Number 810022

Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 3 Beam 3 - Far Bearing: RIGHT ANCHOR BOLT NUT MISSING. "PAR"
2	Corrosion	1	Span 3 Beam 3: BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 12" LONG x FULL WIDTH. AREA ALSO HAS A 2" x 2 1/2" AREA OF 100% SECTION LOSS. "PAR"
2	Corrosion	1	Span 3 Beam 3: RIGHT BOTTOM FLANGE OVER BENT 4. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 12" LONG x FULL WIDTH. "PAR"
2	Corrosion	2	Span 3 Beam 3: WEB OVER BENT 2 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 18" LONG x UP TO 5" HIGH. "PAR"

3334	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 3 Beam 4 - Far Bearing: LEFT ANCHOR BOLT NUT MISSING. "PAR"
2	Corrosion	1	Span 3 Beam 4: BOTTOM FLANGE OVER BENT 2. HAS A AREA OF SECTION LOSS WITH 5/16" REMAINING. AREA IS: 12" LONG x FULL WIDTH. "PAR" ISSUED
2	Corrosion	1	Span 3 Beam 4: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/8" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"

Span5

3326	Deck	Reinforced Co	ncrete Deck
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	4	Span 5 Deck: 4' x 12" x 2" DEEP SPALL WITH BROKEN REBAR EXPOSED. BOTTOM OF DECK BAY 1 NEAR MID-SPAN. "PAR"
3334	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 5 Beam 2 - Near Bearing: RIGHT ANCHOR BOLT NUT MISSING. "PAR"
3334	Beam 3	Plate Girder	
Priority			
Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 5 Beam 3 - Near Bearing: ANCHOR BOLT NUT MISSING ON BOTH SIDES. "PAR"
2	Corrosion	1	Span 5 Beam 3: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"
3334	Beam 4	Plate Girder	
Priority			
Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 5 Beam 4 - Near Bearing: BOTH ANCHOR BOLT NUTS MISSING. "PAR"
? Priority A	action Request (PAR)	Assigned Routine	e Maintenance 2 Assigned Priority Maintenance 3 Assigned Critical Find

structure Nur	nber 810022		
2	Corrosion	2	Span 5 Beam 4: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/8" REMAINING. AREA IS UP TO 20" LONG x FULL WIDTH. "PAR"
Bent 2			
3348	Cap 1	Reinforced Co	ncrete Pier Cap
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	2	Bent 2 Cap 1: BOTTOM SOUTHWEST CORNER HAS A 14" x 10" x UP TO 7" DEEP SPALL WITH (2) MAIN REBAR EXPOSED. "PAR" ISSUED
3344	Pile 4	Timber Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	2	Bent 2 Pile 4: 24" TALL x 8" WIDE x 3" DEEP AREA OF DECAY IN SOUTH FACE AT LOWER CROSS-BRACE. "PAR" ISSUED
3344	Pile 7	Timber Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	5	Bent 2 Pile 7: 5' HIGH x 1/2 CIRCUMFERENCE OF DELAMINATION WITH HOLLOW SOUND IN EAST FACE FROM TOP DOWN. "PAR" ISSUED
3344	Pile 9	Timber Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	2	Bent 2 Pile 9: 2' TALL x 1/2 CIRCUMFERENCE x 3" DEEP AREA OF HEAVY DECAY ON SOUTH FACE AT LOWER CROSS-BRACE. "PAR"
Bent 3			
3344	Pile 6	Timber Pile	
Priority	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	3	Bent 3 Pile 6: 28" x 5" x 4" DEEP AREA OF DECAY ON NORTH FACE OF LOWEF CROSS-BRACE. "PAR"
3344	Pile 9	Timber Pile	
Priority	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	2	Bent 3 Pile 9: 23" x 6" x 2" DEEP AREA OF DECAY IN SOUTH FACE AND LOWER
2	Decay/Section Loss	4	CROSS-BRACE. "PAR" Bent 3 Pile 9: 4' x 9" x 3" DEEP AREA OF DECAY NORTH FACE OF LOWER CROSS-BRACE. "PAR"

Structure Nun	nber <u>810022</u>	_	
Bent 4			
3344	Pile 4	Timber Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	6	Bent 4 Pile 4: SOUTH FACE HAS A AREA OF DECAY WITH ADJACENT HOLLOW SOUNDS. AREA IS: FROM BOTTOM OF CAP DOWN 6' x 10" x 3" DEEP. "PAR"
Bent 5			
3344	Pile 6	Timber Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	2	Bent 5 Pile 6: SOUTH AND NORTH FACE 4' BELOW CAP HAS AREAS OF DECAY UP TO 19" x 8" x 3" DEEP. "PAR"
3344	Pile 9	Timber Pile	
Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	1	Bent 5 Pile 9: 12" TALL x FULL CIRCUMFERENCE x 2" DEEP AREA OF DECAY. 16" ABOVE GROUNDLINE. "PAR"

Element Condition and Maintenance Data

Deck

Inspection Date: 06/27/2022

Structure Number: <u>810022</u> Span 1

Reinforced Concrete Deck

Reir	Reinforced Concrete Deck									
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Frank		
12	Reinford	ed Concrete Deck	635	6	623	6	0 50	quare Feet		
Elemen Numbe	t r Defect Type	Defect Description			CS	CS Qty	Maint Qty			
12	Delamination/Spall	1'-8" WIDE X 10" LONG X 1/2" DEEP SP/ DELAMINATED AREA IN THE UNDERS DECK IN BAY 1, 9' FROM END BENT 1	ALLED AND IDE OF THE		3	2	2	Square Feet		
√ 12	Delamination/Spall	2' LONG X 2'-8" WIDE X 2" DEEP SPALL WITH EXPOSED REINFORCEMENT IN UNDERSIDE OF THE DECK IN BAY 4, 3 END BENT 1	ED AREA THE FROM		3	6	6	Square Feet		
12	Patched Areas	9" WIDE X 3" LONG X 1 1/2" DEEP SPAL WITH EXPOSED REINFORCEMENT IN UNDERSIDE OF THE DECK IN BAY 1 A	LED AREA THE T BENT 1		3	1	1	Square Feet		
V 12	Cracking (RC and Other)	INTERMITTENT FULL WIDTH X 1/32" W TRANSVERSE CRACKS WITH EFFLOR IN THE UNDERSIDE OF THE DECK AT SPACING	IDE ESCENCE 1' TO 3'		2	620	620	Square Feet		
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED ARE STEEL PLATE IN BAY 1 AT BENT 1	A WITH A		2	2		Square Feet		
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED ARE STEEL PLATE IN BAY 3 AT BENT 1	A WITH A		2	2		Square Feet		
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED ARE STEEL PLATE IN BAY 4 AT BENT 1	A WITH A		2	2		Square Feet		
✓ 12	Patched Areas	METAL PLATE ATTACHED TO BOTTON IN BAYS 1, 3 AND 4 NEAR BENT 1	I OF DECK		2	3		Square Feet		

Spa	an 1	Wearing	Surface					
Asp	halt Wearing Surf	ace	,					
Ele Nur 510	ment mber Wearing	Element Name Surface	Total Qty 569	CS1 Qty 551	CS2 Qty 18	CS3 Qty 0	CS4 Qty 0 S	quare Feet
Elemer Numbe	nt Defect Type Crack (Wearing Surface)	Defect D INTERMITTENT 12' LONG X TRANSVERSE CRACK IN TH SURFACE IN THE SOUTHBO BENT 1	Description 1/16" WIDE HE ASPHALT WEARING DUND LANE AT END	i	CS 3	CS Qty 12	Maint Qty 12	Square Feet
√ 510	Crack (Wearing Surface)	SCATTERED TRANSVERSE WIDE OVER END BENT 1	CRACKS UP TO 1/8"		2	18	18	Square Feet
	General Comments							

Span 1		Left Bridge Rail						
Concret	e Railing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Co	oncrete Bridge Railing	21	0	21	0	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: <u>810022</u>			Inspe	ection Date: 06/27/20	022
√ 331	Cracking (RC and Other)	SCATTERED HAIRLINE CRACKS IN FACE AND TOP OF CURB	2	3	Feet	
√ 331	Delamination/Spall	3" x 1" x 1/4" DEEP SPALL IN FACE OF CURB WITH RUST STAINS VISIBLE.12' FROM END BENT 1	2	1	1 Feet	
√ 331	Delamination/Spall	EXPOSED SURFACE COARSE AGGREGATE THROUGHOUT THE BRIDGE RAIL	2	17	17 Feet	
	General Comments					

Span 1

Right Bridge Rail

Concrete Railing

Elem Num 331	nent nber Reinfor	Element Name ced Concrete Bridge Railing	Total Qty 21	CS1 Qty 17	CS2 Qty 4	CS3 Qty 0	CS4 Qty 0 Feet
Element Number	t Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty
√ 331	Cracking (RC and Other)	SCATTERED HAIRLINE CRACKS II FACE OF CURB	N TOP AND		2	4	Feet
331	Delamination/Spall	EXPOSED SURFACE COARSE AG THROUGHOUT THE BRIDGE RAIL	GREGATE		2	21	Feet

General Comments

Spa	an 1		Beam	1						
Plat	te Girder									
Eler Nur 107	Element Number 107		Element Name Girder/Beam		Total Qty 40	CS1 Qty 0	CS2 Qty 36	CS3 Qty 1	CS4 Qty 3	Feet
515		Steel Prote	ctive Coating		173	93	0	80	0	Square Feet
Elemer Numbe	nt Pr Defect	Туре	Defec	t Description			CS	CS Qty	Maint Qty	
107	Corrosion	C K C (1	DELAMINATED STEEL 2'- (NIFE EDGING AND (2) H DIAMETER IN THE WEB A PRIORITY ACTION REQU	1" LONG X 7" HIC OLES UP TO 1/2 AT BENT 2 IN SP JEST)	GH WITH " AN 2		4	3		3 Feet
107	Corrosion	F L 1 F F	ULL WIDTH DELAMINAT ONG WITH KNIFE EDGIN -1/2" LONG X 1-1/2" WIDI LANGE AT BENT 2 IN SF REQUEST)	ED STEEL UP TO NG AND (1) HOLE E IN THE BOTTO PAN 2 (PRIORITY	D 2'-1" E UP TO M ACTION		4	3	:	3 Feet
✓ 107	Corrosion	L 2 1 V 1	EFT BOTTOM FLANGE C REA OF SECTION LOSS EDGE REMAINING. ARE VIDE. AREA ALSO HAS 1 00% SECTION LOSS. "P	OVER BENT 2 HA WITH DOWN TO A IS: 18" LONG x 1 1/2" x 1 1/2" AR VAR" ISSUED	IS A D KNIFE'S 3" EA OF		4	2	2	2 Feet
√ 107	Corrosion	V	VEB OVER BENT 2 HAS (SECTION LOSS UP TO 1	(2) AREAS OF 10 1/2" x 1". "PAR"	0% ISSUED		4	1		l Feet
✓ 107	Corrosion	F A I V	RIGHT BOTTOM FLANGE REA OF SECTION LOSS EDGE REMAINING. ARE VIDE. "PAR" ISSUED	OVER BENT 2 H WITH DOWN TO A IS: 11" LONG x	IAS A D KNIFE'S 3"		3	1		I Feet
107	Corrosion	II F E	NTERMITTENT FULL LEN FULL HEIGHT SURFACE I PAINT WITH 25% PAINT L BOTTOM FLANGES AND	NGTH X FULL WI RUST AND PEEL .OSS IN THE TOI WEB	DTH X ING P AND		2	34		Feet

 ✓
 107
 Corrosion
 SCATTERED AREAS OF RUST AND FLAKING IN
 2
 36
 Feet

 BOTH FLANGES AND WEB

Structure	Number: <u>810022</u>	Inspection Date: 06/27/2022			
515	Effectiveness (Steel Protective Coatings)	DELAMINATED STEEL 2'-1" LONG X 7" HIGH WITH KNIFE EDGING AND (2) HOLES UP TO 1/2" DIAMETER IN THE WEB AT BENT 2 IN SPAN 2 (PRIORITY ACTION REQUEST)	4	3 3	Square Feet
515	Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 2'-1" LONG WITH KNIFE EDGING AND (1) HOLE UP TO 1-1/2" LONG X 1-1/2" WIDE IN THE BOTTOM FLANGE AT BENT 2 IN SPAN 2	4	3 3	Square Feet
515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 25% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	44 44	Square Feet
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	80 80	Square Feet
	General Comments				

Spa	Span 1		ing					
Othe	er Bearing							
Elen Nun 316	nent nber Othe	Element Name r Bearings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
515	Stee	Protective Coating	1	0	0	1	0 Square Fe	et
Elemen Number	t r Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
√ 316	Corrosion	RUST AND FLAKING			2	1	Each	
316	Corrosion	SURFACE RUST THROUGHOU BEARING ASSEMBLY	JT THE BEAM 1		2	1	Each	
✓ 515	Effectiveness (Stee Protective Coating	el LIMITED EFFECTIVENESS s)			3	1	1 Square	Feet
515	Effectiveness (Stee Protective Coating	el SURFACE RUST THROUGHOL s) BEARING ASSEMBLY	JT THE BEAM 1		3	1	1 Square	Feet
-	General Comments	3						

Spa	n 1		F	Far Bearing							
Othe	er Bearing										
Element Number 316		Element Name Other Bearings			Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0	Each	
515		Steel Prot	ective Coating		1	0	0	1	0	Square Feet	
Elemen Number	t r Defect T	уре		Defect Description			CS	CS Qty	Maint Qty		-
316	Corrosion		DELAMINATED STE (GREATER THAN 1, THAN 25% SECTIO GIRDER 1 BEARING ACTION REQUEST)	EL WITH 3/4" REMAI (16" SECTION LOSS, N LOSS) THROUGHO ASSEMBLY (PRIOR	INING GREATER DUT THE RITY		4	1		I Each	
√ 316	Corrosion		SECTION LOSS WI BEARING AND LEF MISSING. "PAR" IS	TH 3/4" REMAINING 1 T ANCHOR BOLT NU SUED	Thru-out It		3	1		I Each	
515	Effectiveness Protective Coa	(Steel atings)	DELAMINATED STE (GREATER THAN 1, THAN 25% SECTIO GIRDER 1 BEARING ACTION REQUEST)	EL WITH 3/4" REMAI (16" SECTION LOSS, N LOSS) THROUGHO ASSEMBLY (PRIOR	INING GREATER DUT THE RITY		4	1		I Square Feet	

Structure Number: 810022

Effectiveness (Steel ✓ 515

Protective Coatings)

General Comments

Span 1 Beam 2 Plate Girder CS2 Element Total CS1 CS3 CS4 Number Element Name Qty Qty Qty Qty Qty 107 Steel Open Girder/Beam 40 10 28 2 0 Feet 515 Steel Protective Coating 0 Square Feet 173 13 0 160 Element Maint Defect Type **Defect Description** CS CS Qty Number Qty FULL WIDTH 1' LONG DELAMINATED STEEL WITH 4 1 1 Feet 107 Corrosion 1/4" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 2 IN SPAN 2 (PRIORITY ACTION REQUEST) BOTTOM FLANGE AND WEB OVER BENT 2 HAS 2 ✓ 107 Corrosion 3 2 Feet AREAS OF SECTION LOSS. WEB AREA IS: 6" LONG x 1" TALL WITH 1/4" REMAINING. BOTTOM FLANGE AREA IS: 12" LONG x FULL WIDTH WITH DOWN TO 1/4" REMAINING. "PAR" 107 Damage 2'-9" LONG X 8" HIGH X 4" DEEP SPALLED AREA 3 3 Feet WITH EXPOSED REINFORCEMENT IN THE BAY 2 END DIAPHRAGM IN SPAN 2 AT BENT 2 107 INTERMITTENT FULL LENGTH X FULL WIDTH X 2 39 Feet Corrosion FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 25% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB ✓ 107 Corrosion SCATTERED AREAS OF RUST AND FLAKING IN 2 28 Feet BOTH FLANGES AND WEB FULL WIDTH 1' LONG DELAMINATED STEEL WITH 515 Effectiveness (Steel 4 1 1 Square Feet Protective Coatings) 1/4" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 2 IN SPAN 2 Effectiveness (Steel INTERMITTENT FULL LENGTH X FULL WIDTH X 3 44 515 44 Square Feet Protective Coatings) FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 25% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB **√** 515 LIMITED EFFECTIVENESS 80 Effectiveness (Steel 3 80 Square Feet Protective Coatings) **General Comments**

Span 1

Near Bearing

Other Bearing

	-								
Elerr Num	nent iber	Eleme	ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Bearings		1	0	1	0	0	Each
515		Steel Protective Co	ating	1	0	0	1	0	Square Feet
Element Number	Defect	Туре	Defect Desc	ription		CS	CS Qty	Maint Qty	
√ 316	Corrosion	RUST AN	ND FLAKING			2	1		Each
316	Corrosion	SURFAC BEARING	E RUST THROUGHOUT G ASSEMBLY	THE BEAM 2		2	1		Each

Inspection Date: 06/27/2022 1

1 Square Feet

3

LIMITED EFFECTIVENESS

Structure	Inspection D	ate: <u>06/27/2022</u>			
✓ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1 1	Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	3	1 1	Square Feet

Spa	n 1	Far Bearin	ng					
Oth	er Bearing							
Eler Nun 316	nent nber Othe	Element Name r Bearings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Ea	ach
515	Steel	Protective Coating	1	0	0	1	0 S	quare Feet
Elemen Numbe	t r Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
✓ 316	Corrosion	RUST AND FLAKING			2	1		Each
316	Corrosion	SURFACE RUST THROUGHOL BEARING ASSEMBLY	JT THE BEAM 2		2	1		Each
✓ 515	Effectiveness (Stee Protective Coatings	I LIMITED EFFECTIVENESS			3	1	1	Square Feet
515	Effectiveness (Stee Protective Coatings	SURFACE RUST THROUGHOU BEARING ASSEMBLY	JT THE BEAM 2		3	1	1	Square Feet
-	General Comments							

Span	1
Plate	Girder

Beam 3	3
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Fial	le Giruei							
Element Number 107		Element Name teel Open Girder/Beam	Total Qty 40	CS1 Qty 0	CS2 Qty 39	CS3 Qty 1	CS4 Qty 0 F	eet
515	S	teel Protective Coating	173	173	0	0	0 S	quare Feet
Elemen Numbe	nt Pr Defect Ty	pe Defect Descri	ption		CS	CS Qty	Maint Qty	
107	Corrosion	FULL WIDTH DELAMINATED STEE LONG WITH 3/8" REMAINING (GR 1/16" SECTION LOSS, 25% SECTION THE BOTTOM FLANGE AT BENT 2 (PRIORITY ACTION REQUEST)	EL UP TO 1' EATER THAN ON LOSS) IN 2 IN SPAN 2		4	1	1	Feet
107	Corrosion	2' LONG X 4" HIGH AREA OF DEL/ STEEL WITH 1/4" REMAINING (1/1 LOSS, LESS THAN 25% SECTION WEB IN SPAN 2 AT BENT 2	AMINATED 6" SECTION LOSS) IN THE		3	1	2	Feet
✓ 107	Corrosion	BOTTOM FLANGE OVER BENT 2 SECTION LOSS WITH DOWN TO 7 AREA IS: 10" LONG x FULL WIDTH	HAS A AREA OF 1/4" REMAINING. 1. "PAR"		3	1	1	Feet
107	Corrosion	INTERMITTENT FULL LENGTH X F FULL HEIGHT SURFACE RUST AN PAINT WITH 20% PAINT LOSS IN BOTTOM FLANGES AND WEB	FULL WIDTH X ND PEELING THE TOP AND		2	38		Feet
✓ 107	Corrosion	SCATTERED AREAS OF RUST AN BOTH FLANGES AND WEB	ID FLAKING IN		2	39		Feet
515	Effectiveness (Protective Coat	Steel 2' LONG X 4" HIGH AREA OF DEL/ sings) STEEL WITH 1/4" REMAINING (1/1 LOSS, LESS THAN 25% SECTION WEB IN SPAN 2 AT BENT 2	AMINATED 6" SECTION LOSS) IN THE		4	2	2	Square Feet

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515	Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 1' LONG WITH 3/8" REMAINING (GREATER THAN 1/16" SECTION LOSS, 25% SECTION LOSS) IN THE RIGHT BOTTOM FLANGE AT BENT 2 IN SPAN 2	4	1	1 Square Feet	
515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	35	35 Square Feet	

Span 1		Near Bearing							
Oth	er Bearing								
Elei Nur	ment nber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Each
310	Oli	ler bearings		I	0	1	0	0	Each
515	Ste	el Protective Coating		1	0	0	1	0	Square Feet
Elemer Numbe	nt Pr Defect Typ	e	Defect Description			CS	CS Qty	Maint Qty	
✓ 316	Corrosion	RUST AND FLAKIN	G			2	1	-	Each
316	Corrosion	SURFACE RUST T BEARING ASSEME	HROUGHOUT THE BE	AM 3		2	1		Each
✓ 515	Effectiveness (St Protective Coatir	eel LIMITED EFFECTI\ gs)	/ENESS			3	1	1	Square Feet
515	Effectiveness (St Protective Coatir	eel SURFACE RUST T gs) BEARING ASSEME	HROUGHOUT THE BE	AM 3		3	1	1	Square Feet
	General Commer	ts							

Spa	an 1	Far Beari	ing				
Oth	er Bearing						
Ele Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Oth	ner Bearings	1	0	1	0	0 Each
515	Ste	el Protective Coating	1	0	0	1	0 Square Feet
Eleme	nt er Defect Typ	e Defect De	escription		CS	CS Qty	Maint Qty
√ 316	Corrosion	RUST AND FLAKING			2	1	Each
316	Corrosion	SURFACE RUST THROUGHO BEARING ASSEMBLY	UT THE BEAM 3		2	1	Each
√ 515	Effectiveness (St Protective Coatin	eel LIMITED EFFECTIVENESS gs)			3	1	1 Square Feet
515	Effectiveness (St Protective Coatin	eel SURFACE RUST THROUGHO gs) BEARING ASSEMBLY	UT THE BEAM 3		3	1	1 Square Feet
	General Commen	ts					

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Beam 4

Span 1 Plate Girder

Tiat	e Onder							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Stee	el Open Girder/Beam	40	0	39	1	0 F	eet
515	Stee	el Protective Coating	173	171	1	0	1 S	quare Feet
Elemen Number	t r Defect Type	Defect Description			CS	CS Qty	Maint Qty	
107	Corrosion	DELAMINATED STEEL UP TO 6" LONG WIDE WITH 1/4" REMAINING (GREATER 1/16" SECTION LOSS, GREATER THAN SECTION LOSS) IN THE RIGHT BOTTO AT BENT 2 IN SPAN 2 (PRIORITY ACTIO REQUEST)	X 3-1/2" R THAN 25% M FLANGE DN		4	1	1	Feet
V 107	Corrosion	RIGHT BOTTOM FLANGE OVER BENT : AREA OF SECTION LOSS WITH 1/4" RE AREA IS: 10" LONG x 3 1/2" WIDE. "PAF	2. HAS A MAINING. R"		3	1	1	Feet
107	Corrosion	INTERMITTENT FULL LENGTH X FULL FULL HEIGHT SURFACE RUST AND PE PAINT WITH 30% PAINT LOSS IN THE 1 BOTTOM FLANGES AND WEB	WIDTH X Eling Top and		2	39		Feet
✓ 107	Corrosion	SCATTERED AREAS OF RUST AND FL/ BOTH FLANGES AND WEB	AKING IN		2	39		Feet
√ 515	Effectiveness (Ste Protective Coating	 DELAMINATED STEEL UP TO 10" LONG WIDE WITH 1/4" REMAINING (GREATER 1/16" SECTION LOSS, GREATER THAN SECTION LOSS) IN THE RIGHT BOTTO AT BENT 2 IN SPAN 2 	6 X 3-1/2" R THAN 25% M FLANGE		4	1	1	Square Feet
515	Effectiveness (Ste Protective Coating	INTERMITTENT FULL LENGTH X FULL S) FULL HEIGHT SURFACE RUST AND PE PAINT WITH 30% PAINT LOSS IN THE 1 BOTTOM FLANGES AND WEB	WIDTH X Eling Top and		3	52	52	Square Feet
✓ 515	Effectiveness (Ste Protective Coating	el LIMITED EFFECTIVENESS js)			2	1	1	Square Feet

Spa	ın 1	Near Bearir	ng					
Oth	er Bearing							
Elei Nur 316	nent nber Other B	Element Name	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Fach
515	Steel P	rotective Coating	1	0	0	1	0 5	Square Feet
Elemen Numbe	r Defect Type	Defect Desci	ription		CS	CS Qty	Maint Qty	
✓ 316	Corrosion	RUST AND FLAKING			2	1		Each
316	Corrosion	SURFACE RUST THROUGHOUT BEARING ASSEMBLY	THE BEAM 4		2	1		Each
✔ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT BEARING ASSEMBLY	THE BEAM 4		3	1	1	Square Feet
	General Comments							

Span 1

Other	Bearing
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Eler Nur 316	ment nber Other Bo	Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515	Steel Pr	otective Coating	1	0	0	1	0 Square Feet
Elemen Numbe	it r Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty
√ 316	Corrosion	RUST AND FLAKING			2	1	Each
316	Corrosion	SURFACE RUST THROUGHOUT TH BEARING ASSEMBLY	HE BEAM 4		2	1	Each
✔ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEARING ASSEMBLY	HE BEAM 4		3	1	1 Square Feet
	<u> </u>						

General Comments

Spa	n 1	Beam 5						
Plate	e Girder							
Elen Num 107	nent nber Steel Op	Element Name ben Girder/Beam	Total Qty 40	CS1 Qty 0	CS2 Qty 40	CS3 Qty 0	CS4 Qty 0 Feet	
515	Steel Pr	otective Coating	173	93	0	80	0 Square F	eet
Elemen Number	t Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
107	Corrosion	INTERMITTENT FULL LENGTH X FULL HEIGHT SURFACE RUST AI PAINT WITH 25% PAINT LOSS IN BOTTOM FLANGES AND WEB	FULL WIDTH X ND PEELING THE TOP AND		2	40	Feet	
v 107	Corrosion	SCATTERED AREAS OF RUST AN BOTH FLANGES AND WEB	ND FLAKING IN		2	40	Feet	
515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL HEIGHT SURFACE RUST A PAINT WITH 25% PAINT LOSS IN BOTTOM FLANGES AND WEB	FULL WIDTH X ND PEELING THE TOP AND		3	44	44 Square	e Feet
✓ 515	Effectiveness (Steel Protective Coatings)	SCATTERED AREAS OF RUST AN BOTH FLANGES AND WEB	ND FLAKING IN		3	80	80 Square	e Feet

General Comments

2'-6" LONG X 11" HIGH X FULL WIDTH X 1/2" THICK REPAIR PLATE IN THE WEB AND BOTTOM FLANGE OF BEAM 5 IN SPAN 2 AT BENT 2

Spa	n 1	Near Bea	aring					
Othe	er Bearing							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bo	earings	1	0	1	0	0 Each	
515	Steel Pr	otective Coating	1	0	0	1	0 Square Feet	
Element Number	t Defect Type	Defect D	escription		CS	CS Qty	Maint Qty	_
√ 316	Corrosion	RUST AND FLAKING			2	1	Each	
316	Corrosion	SURFACE RUST THROUGHO BEARING ASSEMBLY	OUT THE BEAM 5		2	1	Each	
✔ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet	

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515

Effectiveness (Steel Protective Coatings)

General Comments

SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY

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3

1 Square Feet

Spa	n 1	Far Bearing							
Othe	er Bearing								
Elen Nun 316	nent nber Other B	Element Name	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
515	Steel P	rotective Coating	1	0	0	1			
	Gleen								
Elemen Number	t r Defect Type	Defect Descrip	Maint Qty						
√ 316	Corrosion	RUST AND FLAKING			2	1	Each		
316	Corrosion	SURFACE RUST THROUGHOUT TI BEARING ASSEMBLY	HE BEAM 5		2	1	Each		
✓ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet		
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT TH BEARING ASSEMBLY	HE BEAM 5		3	1	1 Square Feet		
-	General Comments								
Spa	n 1	Bent 1 Interm	ediate Bearir	ng					
Othe	er Bearing								
Elen	nent	Element Name	Total	CS1	CS2	CS3	CS4		
316	Other B	earings	1	0	1	0	0 Each		
515	Steel P	rotective Coating	1	0	0	1	0 Square Feet		
Elemen	t r Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Otv	-	
316	Corrosion	RUST AND FLAKING			2	1	Each		
316	Corrosion	SURFACE RUST THROUGHOUT TI BEARING ASSEMBLY	HE BEAM 1		2	1	Each		
✓ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet		
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT TI BEARING ASSEMBLY	HE BEAM 1		3	1	1 Square Feet		

Protective Coatings) General Comments

Bent 1 Intermediate Bearing

Other Bearing

Span 1

Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Oth	er Bearings	1	0	1	0	0 Each
515	Ste	el Protective Coating	1	0	0	1	0 Square Feet
Elemen [:] Number	t r Defect Type	e Defect Des	scription		CS	CS Qty	Maint Qty
✓ 316	Corrosion	RUST AND FLAKING			2	1	Each
316	Corrosion	SURFACE RUST THROUGHOU BEARING ASSEMBLY	JT THE BEAM 2		2	1	Each
√ 515	Effectiveness (Sto Protective Coatin	eel LIMITED EFFECTIVENESS gs)			3	1	1 Square Feet

Effectiveness (Steel

515

3

General Comment

Protective Coatings)	BEARING ASSEMBLY
General Comments	

Spa	in 1	Bent 1 Intermediate Bearing					
Oth	er Bearing						
Eler Nur	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other E	Bearings	1	0	1	0	0 Each
515	Steel P	rotective Coating	1	0	0	1	0 Square Feet
Elemen Numbe	t r Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty
✓ 316	Corrosion	RUST AND FLAKING			2	1	Each
316	Corrosion	SURFACE RUST THROUGHOUT T BEARING ASSEMBLY	HE BEAM 3		2	1	Each
✓ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT T BEARING ASSEMBLY	HE BEAM 3		3	1	1 Square Feet
	General Comments						
Spa	in 1	Bent 1 Interm	ediate Bearin	ng			

Other	Rearing	1

✓

515

Effectiveness (Steel

Protective Coatings)

	-						
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other B	earings	1	0	1	0	0 Each
515	Steel Pr	otective Coating	1	0	0	1	0 Square Feet
Elemen Number	t n Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty
√ 316	Corrosion	RUST AND FLAKING			2	1	Each
316	Corrosion	SURFACE RUST THROUGHOU ⁻ BEARING ASSEMBLY	T THE BEAM 4		2	1	Each
✔ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT BEARING ASSEMBLY	T THE BEAM 4		3	1	1 Square Feet
-	General Comments						

Spa	Span 1			Bent 1 Intermediat	te Bearir	ng					
Oth	er Bearing										
Eler Nur	nent nber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
316		Other B	earings		1	0	1	0	0	Each	
515		Steel Pr	otective Coating		1	0	1	0	0	Square Feet	
Elemen Numbe	t r Defect	Туре		Defect Description			CS	CS Qty	Maint Qty		
∕ 316	Corrosion		RUST AND FLAKIN	NG			2	1		Each	
316	Corrosion		SURFACE RUST T BEARING ASSEM	THROUGHOUT THE BE BLY	AM 5		2	1		Each	

3

1

1 Square Feet

SURFACE RUST THROUGHOUT THE BEAM 5

BEARING ASSEMBLY

Structure Number: 810022

√ 515

Effectiveness (Steel Protective Coatings)

General Comments

LIMITED EFFECTIVENESS

Spa	an 2	Deck						
Re	inforced Concrete	Deck						
Ele Nu 12	ement mber Reinforc	Element Name ed Concrete Deck	Total Qty 627	CS1 Qty 0	CS2 Qty 625	CS3 Qty 2	CS4 Qty 0 S	quare Feet
Eleme Numb	nt er Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
12	Delamination/Spall	1' LONG X 1'-4" WIDE X 3/4" DE DELAMINATED AREA IN THE U EAST OVERHANG, 5' FROM BE	EP SPALLED AND NDERSIDE OF THE NT 2		3	2	2	Square Feet
✓ 12	Delamination/Spall	2' DIAMETER x UP TO 3" DEEP REBAR EXPOSED. BOTTOM C MID-SPAN. "PAR"	SPALL WITH (3) F DECK BAY 4 AT		3	2	2	Square Feet
√ 12	Cracking (RC and Other)	INTERMITTENT FULL WIDTH X TRANSVERSE CRACKS WITH I IN THE UNDERSIDE OF THE DI SPACING	1/32" WIDE EFFLORESCENCE ECK AT 1' TO 3'		2	611	611	Square Feet
✓ 12	Delamination/Spall	3' WIDE x 18" LONG CRACKED DELAMINATED AREA IN BOTTO OVERHANG. 5' FROM BENT 2	and Dm of Right		2	3	3	Square Feet
√ 12	Delamination/Spall	6" x 3" x 1/4" DEEP SPALL WITH IN BOTTOM OF LEFT OVERHA 2	I REBAR VISIBLE NG. 6' FROM BENT		2	1	1	Square Feet
✓ 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCH STEEL PLATE IN BAY 1 AT BEN BAYS 1, 3 AND 4 AT BENT 2	IED AREA WITH A IT 1 / SIMILAR IN		2	8		Square Feet
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCH STEEL PLATE IN BAY 1 AT BEN	IED AREA WITH A		2	2		Square Feet
✓ 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCH STEEL PLATE IN BAY 2 AT BEN BAY 4	IED AREA WITH A IT 1 / SIMILAR IN		2	2		Square Feet
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCH STEEL PLATE IN BAY 3 AT BEN	IED AREA WITH A IT 2		2	2		Square Feet
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCH STEEL PLATE IN BAY 4 AT BEN	IED AREA WITH A JT 1		2	2		Square Feet
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCH STEEL PLATE IN BAY 4 AT BEN	IED AREA WITH A NT 2		2	2		Square Feet
	General Comments							

Spa	in 2	Wea	ring Surface					
Asp	halt Wearing Sur	ace						
Eler Nur	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	surface	562	542	20	0	0 S	quare Feet
Elemen Numbe	t r Defect Type	Def	ect Description		CS	CS Qty	Maint Qty	
✓ 510	Crack (Wearing Surface)	SCATTERED TRANSVE WIDE OVER BENT 2	RSE CRACKS UP TO 1/8"		2	20	20	Square Feet
	Conorol Commonto							

General Comments

2

Structure	Number:	<u>810022</u>
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Left Bridge Rail

Span 2

Con	crete	Rai	ling

Eler Nun	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	20	19	1	0	0 Feet	
Elemen Numbe	it r Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
√ 331	Delamination/Spall	(2) SPALLS IN FACE OF CURB WI VISIBLE NEAR BENT 1. AREAS A DEEP	TH REBAR RE 3" x 1" x 1/4"		2	1	1 Feet	
331	Delamination/Spall	EXPOSED SURFACE COARSE AG THROUGHOUT THE BRIDGE RAIL	GREGATE		2	20	Feet	

General Comments

Spa	an 2	Right Bridge	Rail					
Cor	ncrete Railing							
Ele Nur	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinfor	ced Concrete Bridge Railing	20	16	4	0	0 Feet	
Elemer Numbe	nt Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
331	Delamination/Spall	EXPOSED SURFACE COARSE AG THROUGHOUT THE BRIDGE RAIL	GREGATE		2	20	Feet	
√ 331	Delamination/Spall	SCATTERED SPALLS UP TO 4" x 3 FACE OF RAIL AND POST	" x 1/2" DEEP IN		2	4	4 Feet	
	0 10							

General Comments

Span 3

Deck

Reinforced Concrete Deck

Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforc	ed Concrete Deck	627	590	34	3	0 So	quare Feet
Element	t Defect Type	Defect Description			CS	CS Qty	Maint Qty	
√ 12	Delamination/Spall	(3) SPALLED AREAS WITH REBAR VIS SCATTERED LOCATIONS. BOTTOM O OVERHANG. AREAS AREA UP TO: 10" x 2" DEEP	IBLE IN F LEFT DIAMETER		3	3	3	Square Feet
12	Delamination/Spall	9" WIDE X 8" LONG X 1" DEEP SPALLE WITH EXPOSED REINFORCEMENT IN UNDERSIDE OF THE WEST OVERHAN SPAN	D AREA THE G AT MID		3	1	1	Square Feet
12	Cracking (RC and Other)	INTERMITTENT FULL WIDTH X 1/32" W TRANSVERSE CRACKS WITH EFFLOR IN THE UNDERSIDE OF THE DECK AT SPACING	'IDE ESCENCE 1' TO 3'		2	612		Square Feet
√ 12	Cracking (RC and Other)	SCATTERED HAIRLINE TRANSVERSE TO FULL WIDTH WITH SOME EFFLO II OF DECK	CRACKS UP N BOTTOM		2	24	24	Square Feet
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED ARE STEEL PLATE IN BAY 1 AT BENT 2	EA WITH A		2	2		Square Feet
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED ARE STEEL PLATE IN BAY 1 AT BENT 3	EA WITH A		2	2		Square Feet
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED ARE STEEL PLATE IN BAY 2 AT BENT 2	EA WITH A		2	2		Square Feet

Structure N	sture Number: <u>810022</u> Ins								
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 3 AT BENT 3	2	2	Square Feet				
✓ 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 4 AT BENT 2 / SIMILAR AT BENT 3	2	2	Square Feet				
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 4 AT BENT 3	2	2	Square Feet				
✓ 12	Patched Areas	METAL PLATE BOLTED TO BOTTOM OF DECK IN BAYS 1 AND 3 AT BENTS 2 AND 3.	2	8	Square Feet				

Spa	an 3	Wearing	Surface					
As	ohalt Wearing	Surface						
Ele Nu 510	ement mber W	Element Name learing Surface	Total Qty 562	CS1 Qty 562	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0 Square F	eet
Eleme Numbo	nt Defect Typ crack (Wearing Surface) General Comme	Defect D FULL WIDTH X UP TO 1/8" W CRACK IN THE ASPHALT WE ALONG BENT 2	escription IDE TRANSVERSE EARING SURFACE		CS 3	CS Qty 29	Maint Qty 29 Square	e Feet
Spa Cor	an 3 ncrete Railing	Left Bric	lge Rail					
Ele Nu 331	ement mber Re	Element Name einforced Concrete Bridge Railing	Total Qty 20	CS1 Qty 0	CS2 Qty 20	CS3 Qty 0	CS4 Qty 0 Feet	
Eleme Numb	nt er Defect Ty	De Defect D	escription		CS	CS Qty	Maint Qty	
✓ 331	Delamination/Sp	EXPOSED SURFACE COARS THROUGHOUT THE BRIDGE	SE AGGREGATE RAIL		2	20	20 Feet	
	General Comme	nts						
Spa Co	an 3 ncrete Railing	Right Br	idge Rail					
Ele Nu 331	ement mber Ri	Element Name einforced Concrete Bridge Railing	Total Qty 20	CS1 Qty 0	CS2 Qty 20	CS3 Qty 0	CS4 Qty 0 Feet	
Eleme	nt er Defect Ty	De Defect D	escription		CS	CS Qty	Maint Otv	
331	Delamination/Sp	Dall EXPOSED SURFACE COARS THROUGHOUT THE BRIDGE	SE AGGREGATE		2	20	20 Feet	
	General Comme	nts						

Span 3

Beam 1

Plat	te Girder							
Elei Nur	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	40	4	36	0	0	Feet
515 Steel Protective Coating		173	101	0	72	0	Square Feet	
Elemer Numbe	nt er Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
107	Corrosion	INTERMITTENT FULL LENGTH X FU FULL HEIGHT SURFACE RUST AND PAINT WITH 20% PAINT LOSS IN TH BOTTOM FLANGES AND WEB	LL WIDTH X PEELING IE TOP AND		2	40		Feet
✓ 107	Corrosion	SCATTERED AREAS OF RUST AND BOTH FLANGES AND WEB	FLAKING IN		2	36		Feet
515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FU FULL HEIGHT SURFACE RUST AND PAINT WITH 20% PAINT LOSS IN TH BOTTOM FLANGES AND WEB	LL WIDTH X PEELING IE TOP AND		3	35	3	5 Square Feet
✓ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	72	7:	2 Square Feet
	General Comments							

1'-8" LONG X 10" HIGH X FULL WIDTH X 1/2" THICK REPAIR PLATE IN THE WEB AND BOTTOM FLANGE OF BEAM 1 IN SPAN 3 AT BENT 2; 1'-9" LONG X 8" HIGH X 8" WIDE X 1/2" THICK REPAIR PLATE IN THE WEB AND BOTTOM FLANGE OF BEAM 1 IN SPAN 4 AT BENT 4

Spa	an 3	Ν	lear Bearing						
Oth	er Bearing								
Ele Nui 316	ment mber Othe	Element Name r Bearings	Т	otal Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	Each
515	Stee	Protective Coating		1	0	0	1	0	Square Feet
Elemer Numbe	nt Br Defect Type		Defect Description			CS	CS Qty	Maint Qty	
√ 316	Corrosion	SURFACE RUST				2	1		Each
316	Corrosion	SURFACE RUST TH BEARING ASSEMBL	IROUGHOUT THE BEAN	/11		2	1		Each
✔ 515	Effectiveness (Stee Protective Coating	el LIMITED EFFECTIVI s)	ENESS			3	1		1 Square Feet
515	Effectiveness (Stee Protective Coating	el SURFACE RUST TH s) BEARING ASSEMBL	IROUGHOUT THE BEAN _Y	/11		3	1		1 Square Feet
	General Comments	6							

Spa	n 3			Far Bearing							
Othe	er Bearing										
Elen Num	nent nber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
316		Other Be	earings		1	0	1	0	0	Each	
515		Steel Pro	otective Coating		1	0	0	1	0	Square Feet	
Elemen Number	t r Defect	Туре		Defect Description			CS	CS Qty	Maint Qty		
√ 316	Corrosion		RUST AND FLAKIN	IG			2	1		Each	
316	Corrosion		SURFACE RUST T BEARING ASSEME	HROUGHOUT THE BI BLY	EAM 1		2	1		Each	

Structure I	Structure Number: 810022								
✓ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet			
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	3	1	1	Square Feet			

Spa	n 3			Bent 3 Intermed	iate Bearii	ng				
Othe	er Bearing									
Eler Nun 316	nent nber	Other Bea	Element Name rings		Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	Each
515		Steel Prote	ective Coating		1	0	0	1	0	Square Feet
Element Number Defect Type				Defect Description			CS	CS Qty	Maint Qty	
✓ 316	Corrosion		RUST AND FLAKIN	IG			2	1		Each
316	Corrosion		SURFACE RUST T BEARING ASSEME	HROUGHOUT THE B	BEAM 1		2	1		Each
✓ 515	Effectiveness Protective Coa	(Steel atings)		/ENESS			3	1		1 Square Feet
515	Effectiveness Protective Coa	(Steel atings)	SURFACE RUST T BEARING ASSEME	HROUGHOUT THE E	BEAM 1		3	1		1 Square Feet
-	General Comm	ients								

Span 3

Beam 2

P	late	Gi	rd	4

Plate	Gilder							
Elem Numl 107	ent ber Steel	Element Name Open Girder/Beam	Total Qty 40	CS1 Qty 0	CS2 Qty 39	CS3 Qty 1	CS4 Qty 0	Feet
515	Steel	Protective Coating	173	93	0	80	0	Square Feet
Element Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
107	Corrosion	FULL WIDTH DELAMINATED STE LONG WITH 1/4" REMAINING (G 1/16" SECTION LOSS, GREATER SECTION LOSS) IN THE BOTTOM BENT 2 IN SPAN 3 (PRIORITY AC	EEL UP TO 7" REATER THAN THAN 25% M FLANGE AT CTION REQUEST)		4	1		1 Feet
107	Corrosion	1' LONG X FULL WIDTH AREA OI STEEL WITH 7/16" REMAINING (LOSS, LESS THAN 25% SECTIOI BOTTOM FLANGE IN SPAN 4 AT	F DELAMINATED 1/16" SECTION N LOSS) IN THE BENT 4		3	1		1 Feet
✓ 107	Corrosion	RIGHT BOTTOM FLANGE OVER AREA OF SECTION LOSS WITH AREA IS: 10" LONG x 3" WIDE. "I	BENT 2 HAS A 1/4" REMAINING. PAR"		3	1		1 Feet
107	Corrosion	INTERMITTENT FULL LENGTH X FULL HEIGHT SURFACE RUST A PAINT WITH 20% PAINT LOSS IN BOTTOM FLANGES AND WEB	FULL WIDTH X ND PEELING I THE TOP AND		2	36		Feet
✓ 107	Corrosion	SCATTERED AREAS OF RUST A BOTH FLANGES AND WEB	ND FLAKING IN		2	39		Feet
515	Effectiveness (Steel Protective Coatings)	1' LONG X FULL WIDTH AREA OI STEEL WITH 7/16" REMAINING (LOSS, LESS THAN 25% SECTION BOTTOM FLANGE IN SPAN 4 AT	F DELAMINATED 1/16" SECTION N LOSS) IN THE BENT 4		4	1		1 Square Feet

Structure	Number: <u>810022</u>			Inspe	ection Date: 06/27/2022
515	Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 7" LONG WITH 1/4" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 2 IN SPAN 3	4	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	35	35 Square Feet
✓ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	80	80 Square Feet
	General Comments				

Span 3 Near Bearing Other Bearing CS4 Element Total CS1 CS2 CS3 Element Name Number Qty Qty Qty Qty Qty 316 Other Bearings 0 1 0 0 Each 1 515 Steel Protective Coating 1 0 0 1 0 Square Feet Element Maint CS Qty **Defect Description** CS Defect Type Number Qty FULL CIRCUMFERENCE DETERIORATION OF THE 316 Connection 3 1 1 Each LEFT ANCHOR BOLT NUT RUST AND FLAKING 2 Each Corrosion 1 316 Corrosion SURFACE RUST THROUGHOUT THE BEAM 2 316 2 Each BEARING ASSEMBLY LIMITED EFFECTIVENESS ✓ 515 Effectiveness (Steel 3 1 1 Square Feet Protective Coatings) Effectiveness (Steel Protective Coatings) SURFACE RUST THROUGHOUT THE BEAM 2 3 1 1 Square Feet 515 BEARING ASSEMBLY

General Comments

Far Bearing

Other Bearing

Span 3

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings		1	0	0	0	1 Each
515	Steel Protective Coating		1	0	0	1	0 Square Feet
Element	Defect Type	Defect Description			CS	CS Otv	Maint

Numbe	r Defect Type	Defect Description	CS	CS Qty	Qty	
√ 316	Connection	ANCHOR BOLT NUT MISSING ON BOTH SIDES. "PAR"	4	1	1	Each
316	Connection	MISSING ANCHOR BOLT NUT ON BOTH SIDES	3	1	2	Each
√ 316	Corrosion	RUST AND FLAKING	2			Each
316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	2			Each
✓ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	3	1	1	Square Feet
-	General Comments					

Bent 3 Intermediate Bearing

Span 3 Other Bearing

Our		eanny							
Ele Nur	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings	1	0	1	0	0	Each
515	515 Steel Pr		otective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	nt er	Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	
√ 316	Corr	osion	RUST AND FLAKING			2	1		Each
316	Corr	osion	SURFACE RUST THROUGHOUT T BEARING ASSEMBLY	HE BEAM 2		2	1		Each
✓ 515	Effec Prote	ctiveness (Steel ective Coatings)	LIMITED EFFECTIVENESS			3	1		1 Square Feet
515	Effec Prote	ctiveness (Steel ective Coatings)	SURFACE RUST THROUGHOUT T BEARING ASSEMBLY	HE BEAM 2		3	1		1 Square Feet
	~	10							

General Comments

Beam 3

Plate Girder

Span 3

Elem Num 107	nent nber	Steel Ope	Element Name en Girder/Beam	Total Qty 40	CS1 Qty 0	CS2 Qty 36	CS3 Qty 3	CS4 Qty 1 F	Feet
515		Steel Pro	tective Coating	173	91	0	80	2 \$	Square Feet
Element Number	t Defect	Туре	Defect Description			CS	CS Qty	Maint Qty	
√ 107	Corrosion		BOTTOM FLANGE OVER BENT 2 HAS A SECTION LOSS WITH DOWN TO KNIFE'S REMAINING. AREA IS: 12" LONG x FULL AREA ALSO HAS A 2" x 2 1/2" AREA OF 1 SECTION LOSS. "PAR"	AREA OF S EDGE . WIDTH. 100%		4	1	1	Feet
107	Corrosion		FULL WIDTH DELAMINATED STEEL UP T LONG WITH 3/8" REMAINING (GREATER 1/16" SECTION LOSS, GREATER THAN 2 SECTION LOSS) IN THE BOTTOM FLANG BENT 4 IN SPAN 4 (PRIORITY ACTION R	TO 1'-3" 2 THAN 25% GE AT EQUEST)		4	2	2	Feet
107	Corrosion		FULL WIDTH DELAMINATED STEEL UP T LONG WITH KNIFE EDGING AND (1) HOL 2" LONG X 2-1/2" WIDE IN THE BOTTOM AT BENT 2 IN SPAN 3 (PRIORITY ACTION REQUEST)	TO 1'-3" LE UP TO FLANGE N		4	2	2	Feet
107	Corrosion		1'-3" LONG X 5" HIGH AREA OF DELAMIN STEEL WITH 1/4" REMAINING (1/16" SEC LOSS, LESS THAN 25% SECTION LOSS) WEB IN SPAN 3 AT BENT 2	NATED CTION IN THE		3		2	Feet
✓ 107	Corrosion		RIGHT BOTTOM FLANGE OVER BENT 4. AREA OF SECTION LOSS WITH 1/4" REM AREA IS: 12" LONG x FULL WIDTH. "PAF	. HAS A /AINING. R"		3	1	1	Feet
✓ 107	Corrosion		WEB OVER BENT 2 HAS A AREA OF SEC LOSS WITH 1/4" REMAINING. AREA IS: 7 x UP TO 5" HIGH. "PAR"	CTION 18" LONG		3	2	2	Feet
107	Corrosion		INTERMITTENT FULL LENGTH X FULL W FULL HEIGHT SURFACE RUST AND PEE PAINT WITH 20% PAINT LOSS IN THE TO BOTTOM FLANGES AND WEB	/IDTH X Eling DP and		2	36		Feet
✓ 107	Corrosion		SCATTERED AREAS OF RUST AND FLAD BOTH FLANGES AND WEB	KING IN		2	36		Feet

Structure	Number: <u>810022</u>			Inspection	n D	ate: <u>06/27/2022</u>
√ 515	Effectiveness (Steel Protective Coatings)	1'-3" LONG X 5" HIGH AREA OF DELAMINATED STEEL WITH 1/4" REMAINING IN THE WEB IN SPAN 3 AT BENT 2	4	2	2	Square Feet
515	Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 1'-3" LONG WITH 3/8" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 4 IN SPAN 4	4	2	2	Square Feet
515	Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 1'-3" LONG WITH KNIFE EDGING AND (1) HOLE UP TO 2" LONG X 2-1/2" WIDE IN THE BOTTOM FLANGE AT BENT 2 IN SPAN 3	4	2	2	Square Feet
515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	35	35	Square Feet
✔ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	80	80	Square Feet
	General Comments					

Span	3

Near Bearing

Other Bearing

Eler Nun 316	nent nber Other B	Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515	Steel Pr	otective Coating	1	0	0	1	0 Square Feet
Elemen Numbe	t r Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty
✓ 316	Corrosion	RUST AND FLAKING			2	1	Each
316	Corrosion	SURFACE RUST THROUGHOUT BEARING ASSEMBLY	THE BEAM 3		2	1	Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT BEARING ASSEMBLY	THE BEAM 3		3	1	1 Square Feet
-	General Comments						

Span	3

Far Bearing

Other Bearing

Elen Num 316 515	nent hber Other Be Steel Pr	Element Name earings otective Coating	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0 1	CS4 Qty 1 E 0 S	Each Square Feet
Element Number	t Defect Type	Defect Description			CS	CS Qty	Maint Qty	
√ 316	Connection	RIGHT ANCHOR BOLT NUT MISSING.	"PAR"		4	1	1	Each
316	Corrosion	DELAMINATED STEEL WITH 1/32" SEC THROUGHOUT THE BEAM 3 BEARING	TION LOSS		2	1		Each
√ 316	Corrosion	RUST AND FLAKING			2			Each
515	Effectiveness (Steel Protective Coatings)	DELAMINATED STEEL WITH 1/32" SEC	TION LOSS		4	1	1	Square Feet
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1	Square Feet

-								
Spa	an 3	Bent 3	Intermediate Beari	ng				
Oth	er Bearing							
Ele Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	O	her Bearings	1	0	1	0	0 1	Each
515	St	eel Protective Coating	1	0	0	1	0 \$	Square Feet
Elemer Numbe	nt er Defect Typ	De Defect	Description		CS	CS Qty	Maint Qty	
√ 316	Corrosion	RUST AND FLAKING			2	1	-	Each
316	Corrosion	SURFACE RUST THROUGH BEARING ASSEMBLY	HOUT THE BEAM 3		2	1		Each
✓ 515	Effectiveness (S Protective Coati	teel LIMITED EFFECTIVENESS ngs)			3	1	1	Square Feet
515	Effectiveness (S Protective Coati	teel SURFACE RUST THROUGH ngs) BEARING ASSEMBLY	HOUT THE BEAM 3		3	1	1	Square Feet
	General Comme	nts						
Spa	an 3	Beam 4	4					

•								
Plat	e Girder							
Eler Nur 107	nent nber	Element Name Steel Open Girder/Beam	Total Qty 40	CS1 Qty 0	CS2 Qty 38	CS3 Qty 2	CS4 Qty 0	Feet
515	:	Steel Protective Coating	173	92	0	80	1	Square Feet
Elemen Numbe	t r Defect T	ype Defect Description	on		CS	CS Qty	Maint Qty	
107	Corrosion	FULL WIDTH DELAMINATED STEEL LONG WITH 1/8" REMAINING (GREA 1/16" SECTION LOSS, GREATER TH SECTION LOSS) IN THE BOTTOM FL BENT 4 IN SPAN 4 (PRIORITY ACTIO	UP TO 1' TER THAN AN 25% ANGE AT DN REQUEST)		4	2	2	2 Feet
107	Corrosion	FULL WIDTH DELAMINATED STEEL LONG WITH 3/8" REMAINING (GREA 1/16" SECTION LOSS, GREATER TH SECTION LOSS) IN THE BOTTOM FL BENT 2 IN SPAN 3 (PRIORITY ACTIO	UP TO 8" TER THAN AN 25% LANGE AT DN REQUEST)		4	1		1 Feet
✓ 107	Corrosion	BOTTOM FLANGE OVER BENT 2. H SECTION LOSS WITH 5/16" REMAIN 12" LONG x FULL WIDTH. "PAR" ISS	AS A AREA OF ING. AREA IS: SUED		3	1		1 Feet
✓ 107	Corrosion	BOTTOM FLANGE OVER BENT 4 HA SECTION LOSS WITH 1/8" REMAININ 10" LONG x FULL WIDTH. "PAR"	S A AREA OF NG. AREA IS:		3	1		1 Feet
107	Corrosion	INTERMITTENT FULL LENGTH X FU FULL HEIGHT SURFACE RUST AND PAINT WITH 25% PAINT LOSS IN TH BOTTOM FLANGES AND WEB	ll width X Peeling Ie top and		2	37		Feet
✓ 107	Corrosion	SCATTERED AREAS OF RUST AND BOTH FLANGES AND WEB	FLAKING IN		2	38		Feet
515	Effectiveness (Protective Coa	(Steel FULL WIDTH DELAMINATED STEEL LONG WITH 1/8" REMAINING (GREA 1/16" SECTION LOSS, GREATER TH. SECTION LOSS) IN THE BOTTOM FL BENT 4 IN SPAN 4	UP TO 1' TER THAN AN 25% _ANGE AT		4	1		1 Square Feet

Structure	Number: <u>810022</u>			Insp	ection Da	ate: <u>06/27/2022</u>
√ 515	Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 12" LONG WITH 5/16" REMAINING IN THE BOTTOM FLANGE AT BENT 2 IN SPAN 3	4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 25% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	44	44	Square Feet
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	80	80	Square Feet

Span	3

Near Bearing

Other Bearing

Eler Nur 316	ment nber Other B	Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515	Steel Pr	otective Coating	1	0	0	1	0 Square Feet
Elemer Numbe	nt Pr Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty
✓ 316	Corrosion	RUST AND FLAKING			2	1	Each
316	Corrosion	SURFACE RUST THROUGHOUT BEARING ASSEMBLY	THE BEAM 4		2	1	Each
✔ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT BEARING ASSEMBLY	THE BEAM 4		3	1	1 Square Feet
	General Comments						

Spa	an 3		Far Bearing						
Oth	ner Bearing								
Ele Nu	ment mber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Ot	her Bearings		1	0	0	0	1 E	ach
515	St	eel Protective Coating		1	0	0	1	0 5	Square Feet
Elemei Numbe	nt er Defect Typ	De	Defect Descriptio	n		CS	CS Qty	Maint Qty	
√ 316	Connection	LEFT ANCHOR BC	LT NUT MISSING.	"PAR"		4	1	1	Each
√ 316	Corrosion	RUST AND FLAKIN	IG			2			Each
316	Corrosion	SURFACE RUST T BEARING ASSEME	HROUGHOUT THE BLY	BEAM 4		2	1		Each
√ 515	Effectiveness (S Protective Coati	teel LIMITED EFFECTI ^N ngs)	/ENESS			3	1	1	Square Feet
515	Effectiveness (S Protective Coati	teel SURFACE RUST T ngs) BEARING ASSEME	HROUGHOUT THE	BEAM 4		3	1	1	Square Feet
	General Comme	nts							

Bent 3 Intermediate Bearing

Span 3 Other Bearing

inspection Date. 00/21/20	ispection	Date:	06/27/2022
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Ele Nur 316	ment nber Other Br	Element Name	Total Qty 1	CS1 Qty	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515				0		, ,	
515	Steel Pro	otective Coating	1	0	0	1	0 Square Feet
Elemer Numbe	nt Pr Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty
√ 316	Corrosion	RUST AND FLAKING			2	1	Each
316	Corrosion	SURFACE RUST THROUGHOUT	THE BEAM 4		2	1	Each
✔ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT	THE BEAM 4		3	1	1 Square Feet
	0 10						

General Comments

Beam 5

Plate Girder

Span 3

Eler Nur	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Toot
515	Steel Op Steel Pr	otective Coating	40 173	93	40 0	80	0 9	Square Feet
Elemen Numbe	it r Defect Type	Defect Description			CS	CS Qty	Maint Qty	
107	Corrosion	1'-6" LONG X FULL WIDTH DELAMINAT WITH 15/32" REMAINING ALONG THE LEFT FLANGE AND 1'-6" LONG X 6" HI 9/32" REMAINING ALONG THE WEB IN BENT 4	TED STEEL BOTTOM GH WITH I SPAN 4 AT		2	2		Feet
107	Corrosion	INTERMITTENT FULL LENGTH X FULL FULL HEIGHT SURFACE RUST AND PI PAINT WITH 30% PAINT LOSS IN THE BOTTOM FLANGES AND WEB	WIDTH X EELING TOP AND		2	38		Feet
✓ 107	Corrosion	SCATTERED AREAS OF RUST AND FL BOTH FLANGES AND WEB	AKING IN		2	40		Feet
107	Damage	1'-4" LONG X 9 1/2" HIGH X 5" WIDE DELAMINATED AREA IN THE END DIA THE EAST OVERHANG IN SPAN 4 AT I	PHRAGM IN BENT 4		2			Feet
515	Effectiveness (Steel Protective Coatings)	1'-6" LONG X FULL WIDTH DELAMINAT WITH 15/32" REMAINING ALONG THE LEFT FLANGE AND 1'-6" LONG X 6" HI 9/32" REMAINING ALONG THE WEB IN BENT 4	TED STEEL BOTTOM GH WITH I SPAN 4 AT		4	4	4	Square Feet
515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL FULL HEIGHT SURFACE RUST AND PI PAINT WITH 30% PAINT LOSS IN THE BOTTOM FLANGES AND WEB	WIDTH X EELING TOP AND		3	52	52	Square Feet
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	80	80	Square Feet

General Comments

2'-6" LONG X 11" HIGH X FULL WIDTH X 1/2" THICK REPAIR PLATE IN THE WEB AND BOTTOM FLANGE OF BEAM 5 IN SPAN 3 AT BENT 2; 2'-6" LONG X 11" HIGH X FULL WIDTH X 1/2" THICK REPAIR PLATE IN THE WEB AND BOTTOM FLANGE OF BEAM 5 IN SPAN 4 AT BENT 4

Near Bearing

Span 3

Other	Bearing
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Eler Nun 316	nent nber Other Be	Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515	Steel Pr	otective Coating	1	0	0	1	0 Square Feet
Elemen Numbe	t r Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty
√ 316	Corrosion	RUST AND FLAKING			2	1	Each
316	Corrosion	SURFACE RUST THROUGHOUT TH BEARING ASSEMBLY	IE BEAM 5		2	1	Each
✓ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT TH BEARING ASSEMBLY	IE BEAM 5		3	1	1 Square Feet
-	General Comments						

Span 3

Far Bearing

Other Bearing

Ele Nur 316	ment nber Other Bo	Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515	Steel Pr	otective Coating	1	0	0	1	0 Square Feet
Elemer Numbe	nt Pr Defect Type	Defect Descript	tion		CS	CS Qty	Maint Qty
316	Corrosion	DELAMINATED STEEL WITH 1/32" S THROUGHOUT THE BEAM 5 BEAR	SECTION LOSS		2	1	Each
√ 316	Corrosion	RUST AND FLAKING			2	1	Each
515	Effectiveness (Steel Protective Coatings)	DELAMINATED STEEL WITH 1/32" S THROUGHOUT THE BEAM 5 BEAR	SECTION LOSS		4	1	1 Square Feet
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet
	0 10 1						

General Comments

Spa	n 3	Bent 3 Interm	ediate Bear	ing				
Oth	er Bearing							
Eler Nun 316	nent nber Other Be	Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	Each
515	Steel Pro	ptective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	t r Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
√ 316	Corrosion	RUST AND FLAKING			2	1	-	Each
316	Corrosion	SURFACE RUST THROUGHOUT TH BEARING ASSEMBLY	IE BEAM 5		2	1		Each
✓ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1		1 Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT TH BEARING ASSEMBLY	IE BEAM 5		3	1		1 Square Feet

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Span 4

Deck

Reinforced Concrete Deck

Eler Nur	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ced Concrete Deck	627	594	33	0	0 S	quare Feet
Elemen Numbe	t r Defect Type	Defect Description			CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	INTERMITTENT FULL WIDTH X 1/32" WID TRANSVERSE CRACKS WITH EFFLORE IN THE UNDERSIDE OF THE DECK AT 1 SPACING	DE SCENCE ' TO 3'		2	615		Square Feet
√ 12	Cracking (RC and Other)	SCATTERED HAIRLINE TRANSVERSE C TO FULL WIDTH WITH SOME EFFLO IN OF DECK	RACKS UP BOTTOM		2	18	18	Square Feet
√ 12	Delamination/Spall	(3) SPALLS UP TO 3" DIAMETER x 1" DE REBAR VISIBLE AND ADJACENT 8" DIAM AREA OF DELAMINATION IN BOTTOM C OVERHANG 4' FROM BENT 3.	EP WITH METER NF LEFT		2	2	2	Square Feet
✓ 12	Delamination/Spall	12" x 8" AREA OF DELAMINATION BOTT RIGHT OVERHANG 4' FROM BENT 3	OM OF		2	1	1	Square Feet
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA STEEL PLATE IN BAY 1 AT BENT 3	A WITH A		2	2		Square Feet
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA STEEL PLATE IN BAY 1 AT BENT 4	A WITH A		2	2		Square Feet
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA STEEL PLATE IN BAY 2 AT BENT 3	A WITH A		2	2		Square Feet
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA STEEL PLATE IN BAY 4 AT BENT 4	A WITH A		2	2		Square Feet
✓ 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA STEEL PLATE IN BAY 4 AT BENTS 3 ANI	A WITH A D 4		2	4		Square Feet
✓ 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA STEEL PLATE IN BAYS 1 AND 3 AT BEN 4	A WITH A TS 3 AND		2	8		Square Feet

General Comments

Spa	in 4	Left Bridge R	ail					
Cor	ncrete Railing							
Elei Nur	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinfor	ced Concrete Bridge Railing	20	0	20	0	0 Feet	
Elemer Numbe	nt Defect Type	Defect Descript	tion		CS	CS Qty	Maint Qty	
✓ 331	Delamination/Spall	EXPOSED SURFACE COARSE AGO THROUGHOUT THE BRIDGE RAIL	GREGATE		2	20	Feet	

Span 4		Right Bridge	Rail					
Concrete	Railing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	20	20	0	0	0 Feet	
Element Number	Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
331 Delan	nination/Spall	EXPOSED SURFACE COARSE AGO THROUGHOUT THE BRIDGE RAIL	GREGATE		2	20	Feet	

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General Comments

Span 5 Deck								
Reir	nforced Concrete	Deck						
Elen Nun 12	nent hber Reinforc	Element Name ed Concrete Deck	Total Qty 627	CS1 Qty 0	CS2 Qty 618	CS3 Qty 9	CS4 Qty 0 Square Feet	
Elemen Number	t Defect Type	Defect Description			CS	CS Qty	Maint Qtv	-
✓ 12	Delamination/Spall	(2) SPALLED AREAS WITH REBAR EXI ADJACENT DELAMINATION. AREAS A x 8" x 2" DEEP	POSED AND IRE UP TO 2'		3	3	3 Square Feet	
12	Delamination/Spall	3'-3" WIDE X 1'-6" LONG X 2" DEEP SP AREA WITH EXPOSED REINFORCEME UNDERSIDE OF THE DECK IN BAY 1, 3 BENT 5	ALLED ENT IN THE 3' FROM		3	5	5 Square Feet	
√ 12	Delamination/Spall	4' x 12" x 2" DEEP SPALL WITH BROKE EXPOSED. BOTTOM OF DECK BAY 1 SPAN. "PAR"	N REBAR NEAR MID-		3	4	4 Square Feet	
√ 12	Delamination/Spall	7" LONG X 7" WIDE X 1 1/2" DEEP SPA WITH EXPOSED REINFORCEMENT IN UNDERSIDE OF THE DECK IN BAY 4, 7 BENT 5	LLED AREA THE 7' FROM		3	1	1 Square Feet	
√ 12	Delamination/Spall	8" x 6" x 1 1/2" DEEP SPALL WITH REB EXPOSED IN BOTTOM OF DECK IN BA FROM BENT 5	AR \Y 3, 4'		3	1	1 Square Feet	
V 12	Cracking (RC and Other)	INTERMITTENT FULL WIDTH X 1/32" W TRANSVERSE CRACKS WITH EFFLOR IN THE UNDERSIDE OF THE DECK AT SPACING	/IDE RESCENCE 1' TO 3'		2	606	606 Square Feet	
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AR STEEL PLATE IN BAY 1 AT BENT 4	EA WITH A		2	2	Square Feet	
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AR STEEL PLATE IN BAY 2 AT BENT 4	EA WITH A		2	2	Square Feet	
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AR STEEL PLATE IN BAY 3 AT BENT 5	EA WITH A		2	2	Square Feet	
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AR STEEL PLATE IN BAY 4 AT BENT 5	EA WITH A		2	2	Square Feet	
✓ 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AR STEEL PLATE IN BAY 4 AT BENTS 4 A	EA WITH A ND 5		2	2	Square Feet	
✓ 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AR STEEL PLATE IN BAYS 1 AND 2 AT BE	EA WITH A NT 4		2	8	Square Feet	
✓ 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AR STEEL PLATE IN BAYS 1 AND 3 AT BE	EA WITH A NT 5		2	2	Square Feet	

Spa	n 5	Wearing S	Surface					
Asp	halt Wearing Surf	ace						
Elen Num 510	nent hber Wearing	Element Name	Total Qty 562	CS1 Qty 544	CS2 Qty 18	CS3 Qty 0	CS4 Qty	Square Feet
Element	t Defect Type	Defect Des	scription		CS	CS Qty	Maint Qtv	
510	Crack (Wearing Surface)	5' LONG X 1/16" WIDE TRANS\ THE ASPHALT WEARING SUR SOUTHBOUND LANE AT BENT	/ERSE CRACK IN FACE IN THE 4		3	5	5	Square Feet

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✓ 510

SCATTERED TRANSVERSE CRACKS UP TO 1/8" WIDE OVER BENT 4

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18 Square Feet

18

2

Crack (Wearing Surface) General Comments

Spa	ın 5		L	eft Bridge Rail					Span 5 Left Bridge Rail								
Cor	ncrete Railin	ng															
Eler Nur 331	ment nber	Reinforce	Element Name d Concrete Bridge Ra	iling	Total Qty 20	CS1 Qty 20	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0 F	eet							
Elemen Numbe	nt Pr Defect	Туре		Defect Description			CS	CS Qty	Maint Qty								
331	Delamination	/Spall	EXPOSED SURFAC	E COARSE AGGREG BRIDGE RAIL	GATE		2	20		Feet							
	General Com	ments															
Spa	ın 5		F	Right Bridge Rail													
Cor	ncrete Railin	ng															
Elei Nur	ment nber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty								
331		Reinforce	d Concrete Bridge Ra	iling	20	0	20	0	0 F	eet							
Elemen	nt Pr Defect	Туре		Defect Description			CS	CS Qty	Maint Qtv								
✓ 331	Delamination	/Spall	EXPOSED SURFAC	E COARSE AGGREG BRIDGE RAIL	GATE		2	20	,	Feet							
	General Com	ments															
Spa	in 5		E	Beam 1													
Plat	e Girder																
Eler Nur 107	ment nber	Steel Ope	Element Name en Girder/Beam		Total Qty 40	CS1 Qty 10	CS2 Qty 30	CS3 Qty 0	CS4 Qty 0 F	eet							
515		Steel Pro	tective Coating		173	113	0	60	0 S	quare Feet							
Elemer Numbe	nt pr Defect	Туре		Defect Description			CS	CS Qty	Maint Qty								
107	Corrosion		INTERMITTENT FUI FULL HEIGHT SURI PAINT WITH 15% PA BOTTOM FLANGES	LL LENGTH X FULL V FACE RUST AND PE AINT LOSS IN THE T AND WEB	NIDTH X Eling 'Op and		2	40		Feet							
✓ 107	Corrosion		SCATTERED AREA BOTH FLANGES AN	S OF RUST AND FLA ID WEB	AKING IN		2	30		Feet							
515	Effectiveness Protective Co	s (Steel patings)	INTERMITTENT FUI FULL HEIGHT SURI PAINT WITH 15% PA BOTTOM FLANGES	LL LENGTH X FULL V FACE RUST AND PE AINT LOSS IN THE T AND WEB	NIDTH X Eling 'Op and		3	26	26	Square Feet							
√ 515	Effectiveness Protective Co	s (Steel batings)	LIMITED EFFECTIV	ENESS			3	60	60	Square Feet							

General Comments

1'-9" LONG X 8" HIGH X 8" WIDE X 1/2" THICK REPAIR PLATE IN THE WEB AND BOTTOM FLANGE OF BEAM 1 IN SPAN 5 AT BENT 4
Near Bearing

Span 5 Other Bearing

Ele Nui 316	ment mber Other B	Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515	Steel Pr	otective Coating	1	0	0	1	0 Square Feet
Elemer Numbe	nt er Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty
√ 316	Corrosion	RUST AND FLAKING			2	1	Each
316	Corrosion	SURFACE RUST THROUGHOUT BEARING ASSEMBLY	THE BEAM 1		2	1	Each
✓ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT BEARING ASSEMBLY	THE BEAM 1		3	1	1 Square Feet
	Concerned Community						

General Comments

Far Bearing

Other Bearing

Span 5

Ele Nur 316	ment nber Other Be	Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515	Steel Pr	otective Coating	1	0	0	1	0 Square Feet
Elemer Numbe	nt Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty
√ 316	Corrosion	RUST AND FLAKING			2	1	Each
316	Corrosion	SURFACE RUST THROUGHOUT BEARING ASSEMBLY	THE BEAM 1		2	1	Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT BEARING ASSEMBLY	THE BEAM 1		3	1	1 Square Feet

General Comments

Bent 5 Intermediate Bearing

Other Bearing

Span 5

Elei Nur 316	ment nber Other B	Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515	Steel Pr	otective Coating	1	0	0	1	0 Square Feet
Elemen Numbe	nt Pr Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty
✓ 316	Corrosion	RUST AND FLAKING			2	1	Each
316	Corrosion	SURFACE RUST THROUGHOUT T BEARING ASSEMBLY	THE BEAM 1		2	1	Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT T BEARING ASSEMBLY	THE BEAM 1		3	1	1 Square Feet
	Conorol Commonto						

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Beam 2

Span 5 Plate Girder

Ele Nur	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	40	0	40	0	0 F	eet
515	Steel Pro	otective Coating	173	93	0	80	0 S	quare Feet
Elemer Numbe	nt Pr Defect Type	Defect Description	1		CS	CS Qty	Maint Qty	
107	Corrosion	1' LONG X FULL WIDTH DELAMINATE WITH 7/16" REMAINING (1/16" SECTIO 25% SECTION LOSS) IN THE BOTTOM SPAN 5 AT BENT 4	D STEEL NN LOSS, < 1 FLANGE IN		3	1	1	Feet
107	Corrosion	INTERMITTENT FULL LENGTH X FULL FULL HEIGHT SURFACE RUST AND P PAINT WITH 25% PAINT LOSS IN THE BOTTOM FLANGES AND WEB	- WIDTH X EELING TOP AND		2	39		Feet
✓ 107	Corrosion	SCATTERED AREAS OF RUST AND FI BOTH FLANGES AND WEB	LAKING IN		2	40		Feet
515	Effectiveness (Steel Protective Coatings)	1' LONG X FULL WIDTH DELAMINATE WITH 7/16" REMAINING (1/16" SECTIO 25% SECTION LOSS) IN THE BOTTOM SPAN 5 AT BENT 4	D STEEL N LOSS, < 1 FLANGE IN		4	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL FULL HEIGHT SURFACE RUST AND P PAINT WITH 25% PAINT LOSS IN THE BOTTOM FLANGES AND WEB	- WIDTH X EELING TOP AND		3	44	44	Square Feet
✔ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	80	80	Square Feet
	General Comments							

Spa	Span 5 Nea								
Oth	er Bearing								
Ele Nu	ment mber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	0	ther Bearings		1	0	0	0	1	Each
515	S	teel Protective Coating		1	0	0	1	0	Square Feet
Elemer Numbe	nt Pr Defect Ty	ре	Defect Description	I		CS	CS Qty	Maint Qty	
√ 316	Connection	RIGHT ANCHOR B	OLT NUT MISSING.	"PAR"		4	1	1	Each
316	Connection	MISSING ANCHOR	BOLT NUT ON BOT	H SIDES		3	1	2	Each
316	Corrosion	DELAMINATED ST THROUGHOUT TH	EEL WITH 1/32" SEC E BEAM 2 BEARING	CTION LOSS		2			Each
√ 316	Corrosion	RUST AND FLAKIN	IG			2			Each
515	Effectiveness (S Protective Coat	Steel DELAMINATED ST ings) THROUGHOUT TH	EEL WITH 1/32" SEC E BEAM 2 BEARING	CTION LOSS ASSEMBLY		4	1	1	Square Feet
√ 515	Effectiveness (S Protective Coat	Steel LIMITED EFFECTIV	/ENESS			3	1	1	Square Feet
	General Comme	ents							

Span 5

Other Bearing

Eler Nur	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Fach
310	Other Be	anngs	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	r Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
316	Connection	FULL CIRCUMFERENCE DETERIOR BOTH ANCHOR BOLT NUTS	ATION OF		3	1		2 Each
✓ 316	Corrosion	RUST AND FLAKING			2	1		Each
316	Corrosion	SURFACE RUST THROUGHOUT THE BEARING ASSEMBLY	E BEAM 2		2			Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1		1 Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEARING ASSEMBLY	E BEAM 2		3	1		1 Square Feet
	General Comments							

Span 5

Bent 5 Intermediate Bearing

Other Bearing

Eler Nur	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	nt Pr Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
316	Connection	FULL CIRCUMFERENCE DETERIOR BOTH ANCHOR BOLT NUTS	ATION OF		3	1	:	2 Each
√ 316	Corrosion	RUST AND FLAKING			2	1		Each
316	Corrosion	SURFACE RUST THROUGHOUT TH BEARING ASSEMBLY	E BEAM 2		2			Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1		1 Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT TH BEARING ASSEMBLY	E BEAM 2		3	1		1 Square Feet
	General Comments							

Span 5 Beam 3 **Plate Girder** Element Total CS1 CS2 CS3 CS4 Element Name Qty Number Qty Qty Qty Qty 107 Steel Open Girder/Beam 40 0 39 1 0 Feet 515 Steel Protective Coating 0 Square Feet 173 172 0 1 Element Maint Defect Type **Defect Description** CS CS Qty Qty Number FULL WIDTH DELAMINATED STEEL UP TO 1'-6" LONG WITH 1/4" REMAINING (GREATER THAN 107 [Corrosion 4 2 Feet 2 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT

BENT 4 IN SPAN 5 (PRIORITY ACTION REQUEST)

Structure	Number: <u>810022</u>			Inspe	ection Date: 06/27/202
107	Corrosion	1'-6" LONG X 3" HIGH AREA OF DELAMINATED STEEL WITH 1/4" REMAINING (1/16" SECTION LOSS, <25% SECTION LOSS) IN THE WEB IN SPAN 5 AT BENT 4	3		2 Feet
V 107	Corrosion	BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"	3	1	1 Feet
107	Corrosion	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	38	Feet
✓ 107	Corrosion	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	39	Feet
515	Effectiveness (Steel Protective Coatings)	1'-6" LONG X 3" HIGH AREA OF DELAMINATED STEEL WITH 1/4" REMAINING (1/16" SECTION LOSS, <25% SECTION LOSS) IN THE WEB IN SPAN 5 AT BENT 4	4	2	2 Square Feet
515	Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 1'-6" LONG WITH 1/4" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 4 IN SPAN 5	4	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	35	35 Square Feet
✔ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
	General Comments				

Span 5

Near Bearing

Other Bearing

Eler Nun 316	nent nber Other E	Element Name Bearings	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 E	Each
515	Steel P	rotective Coating	1	0	0	1	0 5	Square Feet
Elemen Numbe	t r Defect Type	Defect Descript	tion		CS	CS Qty	Maint Qty	
√ 316	Connection	ANCHOR BOLT NUT MISSING ON E "PAR"	BOTH SIDES.		4	1	1	Each
✓ 316	Corrosion	RUST AND FLAKING			2			Each
316	Corrosion	SURFACE RUST THROUGHOUT TH BEARING ASSEMBLY	HE BEAM 3		2	1		Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT TH BEARING ASSEMBLY	HE BEAM 3		3	1	1	Square Feet
-								

Span 5

Eler Nur 316	ment nber Other B	Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515	Steel Pr	otective Coating	1	0	0	1	0 Square Feet
Elemer Numbe	nt Pr Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty
√ 316	Corrosion	RUST AND FLAKING			2	1	Each
316	Corrosion	SURFACE RUST THROUGHOU ⁻ BEARING ASSEMBLY	T THE BEAM 3		2	1	Each
✓ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT BEARING ASSEMBLY	T THE BEAM 3		3	1	1 Square Feet
	0 10 1						

General Comments

Span 5

Bent 5 Intermediate Bearing

Other Bearing

Eler Nun 316	nent nber Other Be	Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515	Steel Pre	otective Coating	1	0	0	1	0 Square Feet
Elemen Numbe	t r Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty
√ 316	Corrosion	RUST AND FLAKING			2	1	Each
316	Corrosion	SURFACE RUST THROUGHOUT ⁻ BEARING ASSEMBLY	THE BEAM 3		2	1	Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT	THE BEAM 3		3	1	1 Square Feet
-	General Comments						

Span 5	Bea	am 4					
Plate Girder							
Element Number 107	Element Name Steel Open Girder/Beam	Total Qty 40	CS1 Qty 0	CS2 Qty 38	CS3 Qty 2	CS4 Qty 0	Feet
515	Steel Protective Coating	173	93	0	80	0	Square Feet
Element Number Defect	Type De	fect Description		CS	CS Qty	Maint Qty	
107 Corrosion	FULL WIDTH DELAMIN LONG WITH 1/8" REMA 1/16" SECTION LOSS, (SECTION LOSS) IN THI BENT 4 IN SPAN 5 (PRI	ATED STEEL UP TO 1'-6" INING (GREATER THAN GREATER THAN 25% E BOTTOM FLANGE AT IORITY ACTION REQUEST)		4	2	:	2 Feet
107 Corrosion	1'-6" LONG X 3 1/2" HIG STEEL WITH 1/4" REM/ LOSS, <25% SECTION BENT 4 IN SPAN 5	GH AREA OF DELAMINATED AINING (1/16" SECTION LOSS) IN THE WEB AT		3		:	2 Feet

			- 1		ato: <u>00/21/2022</u>
Corrosion	BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/8" REMAINING. AREA IS UP TO 20" LONG x FULL WIDTH. "PAR"	3	2	2	Feet
Corrosion	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	38		Feet
Corrosion	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	38		Feet
Effectiveness (Steel Protective Coatings)	1'-6" LONG X 3 1/2" HIGH AREA OF DELAMINATED STEEL WITH 1/4" REMAINING (1/16" SECTION LOSS, <25% SECTION LOSS) IN THE WEB AT BENT 4 IN SPAN 5	4	2	2	Square Feet
Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 1'-6" LONG WITH 1/8" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 4 IN SPAN 5	4	2	2	Square Feet
Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	35	35	Square Feet
Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	80	80	Square Feet
-	Corrosion Corrosion Corrosion Effectiveness (Steel Protective Coatings) Effectiveness (Steel Protective Coatings) Effectiveness (Steel Protective Coatings) Effectiveness (Steel Protective Coatings)	CorrosionBOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/8" REMAINING. AREA IS UP TO 20" LONG x FULL WIDTH. "PAR"CorrosionINTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEBCorrosionSCATTERED AREAS OF RUST AND FLAKING IN BOTT FLANGES AND WEBCorrosionSCATTERED AREAS OF RUST AND FLAKING IN BOTT FLANGES AND WEBEffectiveness (Steel Protective Coatings)1'-6" LONG X 3 1/2" HIGH AREA OF DELAMINATED STEEL WITH 1/4" REMAINING (1/16" SECTION LOSS, <25% SECTION LOSS) IN THE WEB AT BENT 4 IN SPAN 5Effectiveness (Steel Protective Coatings)FULL WIDTH DELAMINATED STEEL UP TO 1'-6" LONG WITH 1/8" REMAINING (GREATER THAN 1/16" SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 4 IN SPAN 5Effectiveness (Steel Protective Coatings)INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEBEffectiveness (Steel Protective Coatings)INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEBEffectiveness (Steel Protective Coatings)LIMITED EFFECTIVENESS	CorrosionBOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/8" REMAINING. AREA IS UP TO 20" LONG x FULL WIDTH. "PAR"3CorrosionINTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB2CorrosionSCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB2CorrosionSCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB2Effectiveness (Steel Protective Coatings)1'-6" LONG X 3 1/2" HIGH AREA OF DELAMINATED STEEL WITH 1/4" REMAINING (1/16" SECTION LOSS, e25% SECTION LOSS) IN THE WEB AT BENT 4 IN SPAN 54Effectiveness (Steel Protective Coatings)FULL WIDTH DELAMINATED STEEL UP TO 1'-6" LONG WITH 1/8" REMAINING (GREATER THAN 1/16" SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 4 IN SPAN 54Effectiveness (Steel Protective Coatings)INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND 	CorrosionBOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/8" REMAINING. AREA IS UP TO 20" LONG x FULL WIDTH. "PAR"32CorrosionINTERMITTENT FULL LENGTH X FULL WIDTH. "PAR"238CorrosionINTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB238CorrosionSCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB238Effectiveness (Steel Protective Coatings)1'-6" LONG X 3 1/2" HIGH AREA OF DELAMINATED STEEL WITH 1/4" REMAINING (1/16" SECTION LOSS, <25% SECTION LOSS) IN THE WEB AT BENT 4 IN SPAN 542Effectiveness (Steel Protective Coatings)FULL WIDTH DELAMINATED STEEL UP TO 1'-6" LONG WITH 1/8" REMAINING (GREATER THAN 1/16" SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 4 IN SPAN 5335Effectiveness (Steel Protective Coatings)INTERMITTENT FULL LENGTH X FULL WIDTH X SECTION LOSS, IN THE BOTTOM FLANGE AT BENT 4 IN SPAN 5335Effectiveness (Steel Protective Coatings)INTERMITTENT FULL LENGTH X FULL WIDTH X BOTTOM FLANGES AND WEB335Effectiveness (Steel Protective Coatings)INTERMITTENT FULL LENGTH X FULL WIDTH X BOTTOM FLANGES AND WEB380Effectiveness (Steel Protective Coatings)ILIMITED EFFECTIVENESS380CorrosionCorrosion CorrosionCorrosion HE TOP AND BOTTOM FLANGES AND WEB335	CorrosionBOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/8" REMAINING. AREA IS UP TO 20" LONG x FULL WIDTH. "PAR"322CorrosionINTERMITTENT FULL LENGTH X FULL WIDTH. "PAR"238CorrosionINTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB238CorrosionSCATTERED AREAS OF RUST AND FLAKING IN BOTT FLANGES AND WEB238Effectiveness (Steel Protective Coatings)1'-6" LONG X 3 1/2" HIGH AREA OF DELAMINATED STEEL WITH 1/4" REMAINING (1/16" SECTION LOSS) IN THE WEB AT BENT 4 IN SPAN 5422Effectiveness (Steel Protective Coatings)FULL WIDTH DELAMINATED STEEL UP TO 1'-6" LONG WITH 1/8" REMAINING (GREATER THAN 1/16" SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 4 IN SPAN 533535Effectiveness (Steel Protective Coatings)INTERMITTENT FULL LENGTH X FULL WIDTH X Protective Coatings)33535Effectiveness (Steel Protective Coatings)INTERMITTENT FULL LENGTH X FULL WIDTH X PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB38080Effectiveness (Steel Protective Coatings)LIMITED EFFECTIVENESS38080Effectiveness (Steel Protective Coatings)LIMITED EFFECTIVENESS38080

Spa	an 5	Near Bear	ing					
Oth	ner Bearing							
Ele Nu	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other I	Bearings	1	0	0	0	1 Ea	ch
515	Steel F	Protective Coating	1	0	0	1	0 Sq	uare Feet
Eleme	nt er Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
√ 316	Connection	BOTH ANCHOR BOLT NUTS M	SSING. "PAR"		4	1	1	Each
√ 316	Corrosion	RUST AND FLAKING			2			Each
316	Corrosion	SURFACE RUST THROUGHOU BEARING ASSEMBLY	T THE BEAM 4		2	1		Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOU BEARING ASSEMBLY	T THE BEAM 4		3	1	1	Square Feet
	General Comments							

Span 5	Span 5 Far Bearing								
Other Bearing									
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearin	gs		1	0	1	0	0	Each
515	Steel Protec	tive Coating		1	0	0	1	0	Square Feet
Element Number D	Defect Type	De	efect Description			CS	CS Qty	Maint Qty	
✓ 316 Corros	sion RI	JST AND FLAKING				2	1		Each

Structure	Number: <u>810022</u>			Inspection D	ate: <u>06/27/2022</u>
316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	2	1	Each
✓ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1 1	Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	3	1 1	Square Feet
	General Comments				

Spa	n 5	Bent 5	Intermediate Bea	aring				
Oth	er Bearing							
Eler Nun 316	nent nber Othe	Element Name r Bearings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	1
515	Stee	Protective Coating	1	0	0	1	0 Squa	are Feet
Elemen Numbe	t r Defect Type	Defect	Description		CS	CS Qty	Maint Qty	
√ 316	Corrosion	RUST AND FLAKING			2	1	Ea	ach
316	Corrosion	SURFACE RUST THROUG BEARING ASSEMBLY	HOUT THE BEAM 4		2	1	Ea	ach
✓ 515	Effectiveness (Ster Protective Coating	el LIMITED EFFECTIVENESS			3	1	1 So	quare Feet
515	Effectiveness (Ster Protective Coating	el SURFACE RUST THROUG s) BEARING ASSEMBLY	HOUT THE BEAM 4		3	1	1 So	quare Feet
	General Comments	3						

Span 5	Beam	n 5				
Plate Girder						
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	40	0	40	0	0 Feet
515	Steel Protective Coating	173	93	0	80	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	1'-8" LONG X 3" WIDE DELAMINATED STEEL WITH 15/32" REMAINING ALONG THE BOTTOM LEFT FLANGE WITH 1'-8" LONG X UP TO 1-1/2" HIGH DELAMINATED STEEL WITH 9/32" REMAINING ALONG THE WEB AT END BENT 2	2	2		Feet
107	Corrosion	2'-8" LONG X FULL WIDTH DELAMINATED STEEL WITH 15/32" REMAINING ALONG THE BOTTOM LEFT FLANGE AND 2'-8" LONG X 6" HIGH WITH 9/32" REMAINING ALONG THE WEB IN SPAN 5 AT BENT 4	2	3		Feet
107	Corrosion	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 30% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	35		Feet
✓ 107	Corrosion	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	40		Feet
515	Effectiveness (Steel Protective Coatings)	1'-8" LONG X 3" WIDE DELAMINATED STEEL WITH 15/32" REMAINING ALONG THE BOTTOM LEFT FLANGE WITH 1'-8" LONG X UP TO 1-1/2" HIGH DELAMINATED STEEL WITH 9/32" REMAINING ALONG THE WEB AT END BENT 2	4	2	2	Square Feet

Structure	Number: <u>810022</u>			Inspe	ction Date: 06/27/20	<u>)22</u>
515	Effectiveness (Steel Protective Coatings)	2'-8" LONG X FULL WIDTH DELAMINATED STEEL WITH 15/32" REMAINING ALONG THE BOTTOM LEFT FLANGE AND 2'-8" LONG X 6" HIGH WITH 9/32" REMAINING ALONG THE WEB IN SPAN 5 AT BENT 4	4	3	3 Square Fee	t
515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 30% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	52	52 Square Fee	t
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	80	80 Square Fee	t

General Comments

2'-6" LONG X 11" HIGH X FULL WIDTH X 1/2" THICK REPAIR PLATE IN THE WEB AND BOTTOM FLANGE OF BEAM 5 IN SPAN 5 AT BENT 4

Spa	in 5		Near Bearing						
Oth	er Bearing								
Eler Nur 316	ment nber Ot	Element Name her Bearings		Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	Each
515	Ste	eel Protective Coating		1	0	0	1	0	Square Feet
Elemen Numbe	r Defect Typ	e	Defect Description	n		CS	CS Qty	Maint Qty	
✓ 316	Corrosion	RUST AND FLAK	NG			2	1	-	Each
316	Corrosion	SURFACE RUST BEARING ASSEM	THROUGHOUT THE	BEAM 5		2	1		Each
√ 515	Effectiveness (S Protective Coatir	ieel LIMITED EFFECT	IVENESS			3	1	1	Square Feet
515	Effectiveness (S Protective Coatir	ieel SURFACE RUST igs) BEARING ASSEM	THROUGHOUT THE	BEAM 5		3	1	1	Square Feet
	General Commer	nts							

Span 5	
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Far Bearing

Other Bearing

	-						
Eler Nun 316	nent nber Other Be	Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515	Steel Pr	otective Coating	1	0	0	1	0 Square Feet
Elemen Numbe	t r Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty
√ 316	Corrosion	RUST AND FLAKING			2	1	Each
316	Corrosion	SURFACE RUST THROUGHOUT T BEARING ASSEMBLY	HE BEAM 5		2	1	Each
✓ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT T BEARING ASSEMBLY	HE BEAM 5		3	1	1 Square Feet
-	General Comments						

Bent 5 Intermediate Bearing

Span 5 Other Bearing

Eler Nur 316	nent nber Other B	Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
515	Steel Pr	otective Coating	1	0	0	1	0 Square Feet	
Elemen Numbe	r Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	
√ 316	Corrosion	RUST AND FLAKING			2	1	Each	
316	Corrosion	SURFACE RUST THROUGHO	UT THE BEAM 5		2	1	Each	
✓ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	1	1 Square Feet	
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHO BEARING ASSEMBLY	UT THE BEAM 5		3	1	1 Square Feet	
	Concernel Commencerte							

General Comments

Span 6

Deck

Reinforced Concrete Deck

Ele Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	635	327	302	6	0 S	quare Feet
Elemei Numbe	nt Defect Type	Defect Description			CS	CS Qty	Maint Qty	
12	Delamination/Spall	1' LONG X 8" WIDE X 1" DEEP SPALLED THE UNDERSIDE OF THE DECK IN BAY FROM END BENT 2) AREA IN ′ 1, 9'		3	1	1	Square Feet
v 12	Delamination/Spall	16" DIAMETER x 2" DEEP SPALL WITH I REBAR. BOTTOM OF DECK BAY 4 AT E 2	EXPOSED END BENT		3	2	2	Square Feet
12	Delamination/Spall	2'-4" LONG X 3'-3" WIDE X 2" DEEP SPA DELAMINATED PATCH AREA WITH EXF REINFORCEMENT IN THE UNDERSIDE DECK IN BAY 4, 9' FROM END BENT 2	LLED AND POSED OF THE		3	8	8	Square Feet
√ 12	Delamination/Spall	20" x 16" AREA THAT IS CRACKED AND DELAMINATED WITH (2) SPALLS UP TO 1" DEEP. BOTTOM OF DECK IN BAY 1 I SPAN) 0 10" x 8" x NEAR MID-		3	2	2	Square Feet
√ 12	Delamination/Spall	24" x 14" x 2" DEEP SPALL WITH EXPOS REBAR. BOTTOM OF DECK BAY 4 NEA SPAN	Sed \r Mid-		3	2	2	Square Feet
12	Patched Areas	10" LONG X 1'-2" WIDE PATCHED AREA FULL WIDTH X 1/32" WIDE TRANSVERS IN THE UNDERSIDE OF THE DECK IN B FROM END BENT 2	WITH A SE CRACK SAY 3, 3'		3	2	2	Square Feet
12	Patched Areas	2'-6" LONG X 2' WIDE X 2" DEEP SPALL DELAMINATED PATCH AREA WITH EXF REINFORCEMENT IN THE UNDERSIDE DECK IN BAY 4, 2' FROM END BENT 2	ED AND POSED OF THE		3	5	5	Square Feet
12	Cracking (RC and Other)	INTERMITTENT FULL WIDTH X 1/32" WI TRANSVERSE CRACKS WITH EFFLORE IN THE UNDERSIDE OF THE DECK AT SPACING	DE ESCENCE I' TO 3'		2	613		Square Feet
✓ 12	Cracking (RC and Other)	SCATTERED HAIRLINE TRANSVERSE (TO FULL WIDTH IN BOTTOM OF DECK	CRACKS UP	,	2	300	300	Square Feet

Structure N	Number: <u>810022</u>			Inspection Da	ate: <u>06/27/2022</u>
12	Damage	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 2 AT BENT 5	2	2	Square Feet
12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 1 AT BENT 5	2	2	Square Feet
✓ 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAYS 1, 2 AND 4 AT BENT 5	2	2	Square Feet

General Comments

Spa	n 6	Wearin	g Surface					
Asp	halt Wearing	Surface						
Eler Nun 510	nent nber W	Element Name earing Surface	Total Qty 569	CS1 Qty 563	CS2 Qty 6	CS3 Qty 0	CS4 Qty 0 S	quare Feet
Elemen	t r Defect Ty	De Defect	Description		CS	CS Qty	Maint	
510	Crack (Wearing	1'-4" LONG X 1/8" WIDE TR	ANSVERSE CRACK IN		3	2	2	Square Feet
√ 510	Crack (Wearing Surface)	SCATTERED TRANSVERS WIDE OVER END BENT 2	E CRACKS UP TO 1/8"		2	6	6	Square Feet
-	General Comme	nts						
Spa	n 6	Left Br	idge Rail					
Con	crete Railing							
Eler Nun 331	nent nber R	Element Name einforced Concrete Bridge Railing	Total Qty 21	CS1 Qty 0	CS2 Qty 21	CS3 Qty 0	CS4 Qty 0 F	eet
Elemen	t r Defect Ty	De Defect	Description		CS	CS Qty	Maint	
331	Delamination/S	Dall 1' WIDE X 1' LONG X 6" HIC THE END OF THE NORTHV BENT 2	GH SPALLED AREA AT VEST CURB AT END		3	1	Qiy 1	Feet
331	Delamination/S	Dall 1' WIDE X 9" LONG X 4" DE EXPOSED REINFORCEME NORTHWEST CURB AT EN	EP FRACTURE WITH NT AT THE ID BENT 2		3	1	1	Feet
√ 331	Cracking (RC an Other)	nd SCATTERED HAIRLINE CR CURB NEAR END BENT 2	ACKS IN RAIL AND		2	2		Feet
√ 331	Delamination/Sp	EXPOSED SURFACE COAL THROUGHOUT THE BRIDG	RSE AGGREGATE GE RAIL		2	19	21	Feet
-	General Comme	nts						
Spa	n 6	Right E	Bridge Rail					
Con	crete Railing							
Eler Nun 331	nent nber R	Element Name einforced Concrete Bridge Railing	Total Qty 21	CS1 Qty 20	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 F	eet
Elemen	t Defect Tyr	Defect	Description		20		Maint	
Numbe	r Cracking (RC a Other)	nd 2'-9" LONG X 1/32" WIDE V AROUND CRACK IN THE E BENT 5	ERTICAL WRAP AST CURB, 3' FROM		2	1	Qty	Feet
331	Delamination/Sp	AND AND A CONTRACT CONTRACTACT CONTRACT CONTRACTACTICA TACTICA	RSE AGGREGATE GE RAIL		2	20		Feet

Structure I	Number: <u>810022</u>					In	spection Date: <u>06/</u>	27/2022
Ben	it 1	Pile 1						
Tim	ber Pile							
Eler Nun 228	ment nber Timb	Element Name er Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
Elemen Number	t Defect Type r Defect Type Check/Shake	Defect De SCATTERED CHECKS UP TC	escription 0 1/16" WIDE		CS 2	CS Qty 1	Maint Qty Each	
-	General Comments CONCRETE E	NCASEMENT						
Ben	it 1	Pile 2 (C	rutch Bent)					
Stee	el Cross Cap Cr	utch Pile						
Eler Nun 225	ment nber Steel	Element Name Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
515	Steel	Protective Coating	173	161	0	12	0 Square F	eet
Elemen Number 225	t Defect Type Corrosion	Defect De FULL HEIGHT X FULL WIDTH ALONG THE CAP STIFFENEF SCATTERED AREAS OF SUR	SURFACE RUST		CS 2	CS Qty 1	Maint Qty Each	
					2	1	1 Cauch	- Foot
515 √ 515	Effectiveness (Stee Protective Coatings Effectiveness (Stee	ALONG THE CAP STIFFENER LIMITED EFFECTIVENESS	SURFACE RUST		3	12	12 Squar	e Feet
Ben Tim	General Comments It 1 ber Pile	Pile 3						
Eler Nun 228	nent nber Timb	Element Name er Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
Elemen Numbe 228	r Defect Type Check/Shake General Comments	Defect De SCATTERED CHECKS UP TC	escription 9 1/8" WIDE		CS 2	CS Qty 1	Maint Qty Each	
Ben Tim	t 1 ber Pile	Pile 4						
Eler Nun 228	ment nber Timb	Element Name er Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Elemen Number 228	t Defect Type Decay/Section Loss	Defect De s 17" TALL x 3" WIDE x 2" DEEF SECTION LOSS ON NORTH F CROSS-BRACE	escription PAREA OF 100% FACE AT LOWER		CS 3	CS Qty 1	Maint Qty 2 Each	
-	General Comments							

Bent 1

Pile 5 (Crutch Bent)

Steel Cross Cap Crutch Pile

Ele Nu	ment mber	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	173	149	0	24	0 Square Feet
Elemer Numbe	nt er Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty
√ 225	Corrosion	SCATTERED AREAS OF SURFAC	CE RUST (12 FT.)		2	1	Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	24	24 Square Feet
	0 10 1						

General Comments

Bent 1		Pile 6						
Timber	Pile							
Elemen Number 228	t r Timber Pi	Element Name ile	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
228 Ch	eck/Shake	BENT 1, PILE 6 HAS 4 FT. OF HAIRLIN INCH WIDE LONGITUDINAL CHECKS	NE TO 1/16		3	1	4 Each	
✓ 228 Ch	eck/Shake	SCATTERED CHECKS UP TO 1/16" W CONCRETE ENCASEMENT HAS SCA CRACKS UP TO 1/8" WIDE	VIDE AND		2	1	Each	
Gen	eral Comments							•
	CONCRETE ENCA	ASEMENT						
Bent 1		Pile 7						
Timber	Pile							
Elemen Number	t r	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber P	ile	1	0	1	0	0 Each	
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
🖌 228 Ch	eck/Shake	SCATTERED CHECKS UP TO 1/4" WI	DE		2	1	Each	

General Comments

Ben	t 1	Pile 8 (Crut	ch Bent)					
Stee	el Cross Cap Cruto	ch Pile						
Eler Nur 225	nent nber Steel Pil	Element Name e	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	Each
515	Steel Pro	btective Coating	173	153	0	20	0	Square Feet
Elemen Numbe	t r Defect Type	Defect Desci	ription		CS	CS Qty	Maint Qty	
√ 225	Corrosion	SCATTERED AREAS OF SURFA	CE RUST (10 FT.)		2	1		Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	20	20) Square Feet

Be	nt 1	Pile 9						
Tin	nber Pile							
Ele	ement		Total	CS1	CS2	CS3	CS4	
Nu	imber	Element Name	Qty	Qty	Qty	Qty	Qty	
228	limber	Pile	1	0	1	0	0 Each	
Eleme	ent Defect Type	Defect Des	cription		CS	CS Qty	Maint	
228	Check/Shake	SCATTERED CHECKS UP TO	1/16" WIDE		2	1	Each	
	Conoral Commonte							
	General Comments							
Be	nt 2	Cap 1						
Re	inforced Concrete	Pier Cap						
Ele	ement		Total	CS1	CS2	CS3	CS4	
Nu	Imber	Element Name	Qty	Qty	Qty	Qty	Qty	
234	Reinfor	ced Concrete Pier Cap	27	20	4	3	0 Feet	
Eleme Numb	ent er Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	2' LONG X 1/16" WIDE HORIZO THE NORTH FACE OF THE CA	NTAL CRACK IN P BELOW BEAM 4		3	2	2 Feet	
√ 234	Delamination/Spall	12" x 6" x 2" DEEP SPALL IN BO NORTHWEST CORNER	DTTOM		3	1	1 Feet	
√ 234	Delamination/Spall	BOTTOM SOUTHWEST CORNI UP TO 7" DEEP SPALL WITH (EXPOSED. "PAR" ISSUED	ER HAS A 14" x 10" x 2) MAIN REBAR		3	2	2 Feet	
234	Delamination/Spall	FULL WIDTH SPALLED AREA U 9" HIGH WITH EXPOSED REIN THE NORTH AND SOUTH FAC END (PRIORITY ACTION REQU	JP TO 1'-2" LONG X FORCEMENT IN ES AT THE WEST JEST)		3	2	2 Feet	
234	Delamination/Spall	1'-10" LONG X 6" HIGH DELAM THE SOUTH FACE OF THE CA	INATED AREA IN P BELOW BEAM 3		2	2	Feet	
234	Delamination/Spall	1'-6" LONG X 11" HIGH DELAM THE SOUTH FACE OF THE CA	INATED AREA IN P BELOW BEAM 2		2	2	Feet	
√ 234	Delamination/Spall	SOUTH FACE UNDER BEAM 2 AREA THAT IS CRACKED AND SIMILAR AREA SOUTH FACE U	HAS A 12" x 20" DELAMINATED. JNDER BEAM 3		2	4	4 Feet	
	General Comments							

Ben	t 2	Pile 1						
Tim	ber Pile							
Eler Nur 228	nent nber Timber	Element Name Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
Elemen Numbe	t r Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
228	Check/Shake	SCATTERED CHECKS UP TO 1	/4" WIDE		2	1	Each	

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Pile 2 (Crutch Bent)

Bent 2

Steel Cross Cap Crutch Pile

Ele Nu	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Stee	I Pile	1	0	1	0	0 E	ach
515	Stee	I Protective Coating	173	145	0	28	0 S	quare Feet
Elemer Numbe	nt Pr Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
225	Corrosion	FULL HEIGHT X 4" WIDE SURFACE F PEELING PAINT ALONG THE SOUTH THE SOUTH PILE	RUST AND I FACE OF		2			Each
225	Corrosion	FULL HEIGHT X FULL WIDTH SURFA ALONG THE CAP STIFFENER	CE RUST		2	1		Each
√ 225	Corrosion	SCATTERED AREAS OF SURFACE R	RUST (14 FT.)		2	1		Each
515	Effectiveness (Ste Protective Coating	el FULL HEIGHT X 4" WIDE SURFACE F s) PEELING PAINT ALONG THE SOUTH THE SOUTH PILE	RUST AND I FACE OF		3	7	7	Square Feet
515	Effectiveness (Ster Protective Coating	el FULL HEIGHT X FULL WIDTH SURFA s) ALONG THE CAP STIFFENER	CE RUST		3	1	1	Square Feet
✓ 515	Effectiveness (Ste Protective Coating	el LIMITED EFFECTIVENESS s)			3	28	28	Square Feet
	General Comment	e						

General Comments

Ben	nt 2	Pile 3						
Tim	ber Pile							
Eler Nur	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber F	Pile	1	0	1	0	0 Each	
Elemen Numbe	nt Pr Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
✓ 228	Check/Shake	SCATTERED CHECKS UP TO 1/8"	WIDE		2		Each	
✓ 228	Decay/Section Loss	30" TALL x 3" WIDE x 1/2" DEEP AR IN SOUTH FACE AT TOP	EA OF DECAY		2	1	Each	

General Comments

Ben	t 2	Pile 4						
Tim	ber Pile							
Eler Nur 228	nent nber Timber F	Element Name Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Elemen Numbe	t r Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
✓ 228	Check/Shake	SCATTERED CHECKS UP TO 3/8" WIE	DE		3		1 Each	
✓ 228	Decay/Section Loss	24" TALL x 8" WIDE x 3" DEEP AREA C SOUTH FACE AT LOWER CROSS-BR/	OF DECAY IN ACE. "PAR"		3	1	2 Each	

Bent 2

Pile 5 (Crutch Bent)

Steel Cross Cap Crutch Pile

Ele Nui	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
225	Steel Pi	le	1	0	1	0	0 Each
515	Steel Pr	rotective Coating	173	153	0	20	0 Square Feet
Elemer Numbe	nt er Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty
√ 225	Corrosion	SCATTERED AREAS OF SURFACE	RUST (10 FT.)		2	1	Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	20	20 Square Feet
	0						

General Comments

Ben	it 2	Pile 6						
Tim	ber Pile							
Eler Nur	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber	Pile	1	0	1	0	0 Each	
Elemen Numbe	t r Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	
√ 228	Check/Shake	SCATTERED CHECKS UP TO 1/16	" WIDE		2		Each	
√ 228	Decay/Section Loss	18" TALL x 3" WIDE x 1 1/2" DEEP & DECAY IN SOUTH FACE AT LOWE BRACE.	AREA OF R CROSS-		2	1	Each	

General Comments

Ber	nt 2	Cap 1						
Rei	nforced Concrete	Pier Cap						
Ele Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfor	ced Concrete Pier Cap	31	25	6	0	0 F	eet
Elemer Numbe	nt Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
√ 234	Cracking (RC and Other)	SCATTERED HAIRLINE VERTION	CAL CRACKS		2	6		Feet
	General Comments							

Ben	t 2	Abutment						
Reir	nforced Concrete	Abutment						
Eler Nur	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinford	ed Concrete Abutment	33	24	9	0	0 Feet	
Elemen Numbe	t r Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
v 215	Cracking (RC and Other)	SCATTERED AREAS OF HAIRLINE N CRACKING	1AP		2	9	Feet	
	General Comments							

Structure N	lumber: <u>810022</u>					Ins	spection Date	: <u>06/27/2022</u>
Bent	: 2	Pile 7						
Timb	per Pile							
Elem Num 228	nent Iber Timber F	Element Name Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	ı
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
228	Decay/Section Loss	5' HIGH x 1/2 CIRCUMFERENCE OF DELAMINATION WITH HOLLOW SO FACE FROM TOP DOWN. "PAR" ISS	UND IN EAST SUED		3	1	5 Ea	ach
✓ 228	Check/Shake	SCATTERED CHECKS UP TO 1/4" W	/IDE		2		Ea	ach
Ō	General Comments							
Bent	: 2	Pile 8 (Crutch	Bent)					
Stee	I Cross Cap Crute	ch Pile						

Eler Nur	nent nber	Element Name	l otal Qty	Qty	Qty	CS3 Qty	CS4 Qty	
225	Steel Pil	e	1	0	1	0	0	Each
515	Steel Pr	otective Coating	173	157	0	16	0	Square Feet
Elemen Numbe	t r Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
√ 225	Corrosion	SCATTERED AREAS OF SURFA	CE RUST (8 FT.)		2	1		Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	16	16	Square Feet
	General Comments							

General Comments

Ben	t 2	Pile 9							
Timl	ber Pile								
Elen Num 228	nent nber Timber F	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Fach	
Element	t Defect Type	Defect Descripti		0			Maint		
Number	r Check/Shake	PILE 8 AT BENT 2 HAS 8 FT. OF HAI IN. WIDE LONGITUDINAL CHECKS	RLINE TO 1/8		3	CO QIY	Qty 8	Each	
228	Decay/Section Loss	2' TALL x 1/2 CIRCUMFERENCE x 3" OF HEAVY DECAY ON SOUTH FACE CROSS-BRACE. "PAR"	DEEP AREA E AT LOWER		3	1	2	Each	
228	Decay/Section Loss	BENT 2, PILE 9 HAS A AREA OF DEC NORTH FACE, 2 FT. HIGH X 7 IN. WI DEEP, STARTING 4 FT. BELOW THE THE CAP	CAY IN THE IDE X 1.5 IN. BOTTOM OF		3	1	2	Each	
✓ 228	Check/Shake	SCATTERED CHECKS UP TO 1/4" W	/IDE		2			Each	

Structure	Number: <u>810022</u>					Ins	spection Da	ate: <u>06/27/2022</u>
Ber	nt 3	Pile	1					
Tim	nber Pile							
Ele Nu 228	ment mber Timl	Element Name per Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Ea	ach
Elemer Numbe	nt er Defect Type		ect Description		CS	CS Qty	Maint Qty	
✓ 228	General Comment	s scattered checks t	JP TO 1/8" WIDE		2	1		Each
Ber	nt 3	Pile	2 (Crutch Bent)					
Ste	el Cross Cap C	rutch Pile						
Ele Nu 225	ement mber Stee	Element Name	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	ach
515	Stee	Protective Coating	173	153	0	20	0 E	quare Feet
Elemei Numbe	nt er Defect Type	Defe	ect Description		CS	CS Qty	Maint Qty	
√ 225	Corrosion	SURFACE RUST (10 FT.)		2	1		Each
√ 515	Effectiveness (Ste Protective Coating	el LIMITED EFFECTIVENE	SS		3	20	20	Square Feet
Ber Tim	nt 3 nber Pile	Pile	3					
Ele Nu 228	ment mber Timl	Element Name ber Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Ea	ach
Elemer Numbe	nt er Defect Type Check/Shake	Defo SCATTERED CHECKS L	ect Description JP TO 1/8" WIDE		CS 2	CS Qty 1	Maint Qty	Each
228	Decay/Section Los	ss 36" TALL x 2" WIDE x 1/2 ON SOUTH FACE BELO	4" DEEP AREA OF DECAY W CROSS-BRACE		2			Each
	General Comment	s						
Ber	nt 3	Pile	4					
Tim	nber Pile							
Ele Nu 228	ement mber Timl	Element Name per Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Ea	ach
Elemer Numbe	nt er Defect Type	Def	ect Description		CS	CS Qty	Maint Qty	
√ 228	Check/Shake	SCATTERED CHECKS L CONCRETE ENCASEME CRACKS UP TO 1/4" WII	JP TO 1/8" WIDE. ENT HAS SCATTERED DE.		2	1	·	Each
General Comments								

Bent 3

Steel Cross Cap Crutch Pile

Ele Nur	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
225	Steel	Pile	1	0	1	0	0 Each
515	Steel	Protective Coating	173	145	0	28	0 Square Feet
Elemer Numbe	nt er Defect Type	Defect Description	n		CS	CS Qty	Maint Qty
√ 225	Corrosion	SURFACE RUST (14 FT.)			2	1	Each
√ 515	Effectiveness (Steel Protective Coatings	LIMITED EFFECTIVENESS			3	28	28 Square Feet
	General Comments						

Bent	t 3	Pile 6						
Timb	ber Pile							
Eler Num	nent iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber F	Pile	1	0	0	1	0 Each	
Element Number	t Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
✓ 228	Decay/Section Loss	28" x 5" x 4" DEEP AREA OF DE FACE OF LOWER CROSS-BRAG	CAY ON NORTH CE. "PAR"		3	1	3 Each	
✓ 228	Check/Shake	SCATTERED CHECKS UP TO 1	/16" WIDE		2		Each	

General Comments

Bent 3			Pile 7						
Timber Pi	le								
Element Number 228	Timber Pile	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 E	Each
Element Number E V228 Check	Defect Type /Shake S	SCATTERED CHE	Defect Description CKS UP TO 1/8" WIDE			CS 2	CS Qty 1	Maint Qty	Each

Ber	nt 3		Pile 8 (Crutch Ben	t)					
Ste	el Cross Cap	Crutch Pile							
Elei Nur	ment mber	Element Name	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	:	Steel Pile		1	0	1	0	0	Each
515	:	Steel Protective Coating		173	141	0	32	0	Square Feet
Elemer Numbe	nt Per Defect T	уре	Defect Description			CS	CS Qty	Maint Qty	
✓ 225	Corrosion	SURFACE RUST	(16 FT.)			2	1		Each
√ 515	Effectiveness Protective Coa	(Steel LIMITED EFFEC ⁻ tings)	TIVENESS			3	32	32	2 Square Feet
	General Comm	ents							

Structure Number: 810022

Bent 3

Т	īm	her	Pil	P
I.	1111	nei	FП	

Elem Num	ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	·
228	Timber Pi	le	1	0	0	1	0 E	ach
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
✓ 228	Decay/Section Loss	23" x 6" x 2" DEEP AREA OF DECAY FACE AND LOWER CROSS-BRACE.	IN SOUTH "PAR"		3		2	Each
✓ 228	Decay/Section Loss	4' x 9" x 3" DEEP AREA OF DECAY N OF LOWER CROSS-BRACE. "PAR"	IORTH FACE		3	1	4	Each
✓ 228	Check/Shake	SCATTERED CHECKS UP TO 1/4" W	/IDE		2			Each

Pile 9

General Comments

Ber	nt 4	Pile 1						
Tim	iber Pile							
Ele Nui 228	ment mber Timber F	Element Name Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
Elemer Numbe	nt er Defect Type	Defect Dese	cription		CS	CS Qty	Maint Qty	
✓ 228	Check/Shake	SCATTERED CHECKS UP TO 1	/8" WIDE		2		Each	
228	Decay/Section Loss	30" x 2 1/2" x 1 1/2" DEEP AREA WEST FACE 2' BELOW CAP	OF DECAY IN		2	1	Each	_
	O • • • • • I O • • • • • • • I •							

General Comments

Ben	nt 4	Pile 2 (Crutch	n Bent)				
Stee	el Cross Cap Crut	ch Pile					
Eler Nur 225	ment nber Steel Pil	Element Name	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
515	Steel Pr	otective Coating	173	149	0	24	0 Square Feet
Elemen Numbe	nt Pr Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty
√ 225	Corrosion	SURFACE RUST (12 FT.)			2	1	Each
✔ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	24	24 Square Feet
	General Comments						

Bent 4			Pile 3						
Timber F	Pile								
Element Number 228	Timber Pil	Element Name e		Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 E	Each
Element Number 228 Chee	Defect Type ck/Shake	SCATTERED CHE	Defect Description CKS UP TO 1/8" WIDE			CS 2	CS Qty 1	Maint Qty	Each

						113	pecilon Dale. 00/21/2022	
Bent 4		Pile 4						
Timber Pile								
Element Number 228	Element Name Timber Pile		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Element Number Defect T	ype	Defect Description			CS	CS Qty	Maint Qtv	_
✓ 228 Decay/Section	ADJACENT HOLL BOTTOM OF CAP	S A AREA OF DECAY W OW SOUNDS. AREA IS DOWN 6' x 10" x 3" DEE	/ITH :: FROM EP. "PAR"		3	1	6 Each	
✓ 228 Check/Shake	SCATTERED CHE	CKS UP TO 1/8" WIDE			2		Each	
General Comm	nents							
Bent 4		Pile 5 (Crutch Ben	t)					
Steel Cross Ca	o Crutch Pile							
Element Number 225	Element Name Steel Pile		Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
515	Steel Protective Coating		173	157	0	16	0 Square Feet	
Element Number Defect T	ype SURFACE RUST	Defect Description (8 FT.)			CS 2	CS Qty 1	Maint Qty Each	
✓ 515 Effectiveness Protective Coa	(Steel LIMITED EFFECT	IVENESS			3	16	16 Square Feet	
General Comm	nents							
Bent 4		Pile 6						
Timber Pile								
Element Number 228	Element Name Timber Pile		Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
Element Number Defect T 228 Check/Shake	ype SCATTERED CHE	Defect Description CKS UP TO 1/4" WIDE			CS 2	CS Qty 1	Maint Qty Each	
General Comm	nents							
Bent 4		Pile 7						
Timber Pile								
Element Number 228	Element Name Timber Pile		Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	

Elemen	t r Defect Type	Defect Description	CS	CS Qty	Maint Qty	
✓ 228	Check/Shake	SCATTERED CHECKS UP TO 1/4" WIDE	2	1		Each

Bent 4

Pile 8 (Crutch Bent)

CS4

Qty

0 Each

0 Square Feet

Steel Cross Cap Crutch PileElement
NumberTotal
Qty225Steel Pile1515Steel Protective Coating173

Element Maint Defect Type **Defect Description** CS CS Qty Number Qty 225 Corrosion SURFACE RUST (14 FT.) 2 1 Each Effectiveness (Steel Protective Coatings) ✓ 515 LIMITED EFFECTIVENESS 3 28 28 Square Feet

CS1

Qty

0

145

CS2

Qty

1

0

CS3

Qty

0

28

General Comments

Bent 4 Timber F	Pile	Р	ile 9						
Element Number 228	Timber Pi	Element Name ile	Tot Q	al ty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	Each
Element Number 228 Chec	Defect Type ck/Shake	SCATTERED CHECK CONCRETE ENCASE SCATTERED CRACK	Defect Description KS UP TO 1/8" WIDE AND EMENT THAT HAS KS UP TO 1/4" WIDE	A		CS 2	CS Qty 1	Maint Qty	Each

General Comments

Bent 5		Pile 1						
Timber Pile								
Element Number 228	Elem Timber Pile	ent Name	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
Element Number Defe ✓ 228 Check/Sh	ect Type bake SCATTE	Defect Descript RED CHECKS UP TO 1/8" V	ion VIDE		CS 2	CS Qty 1	Maint Qty Each	

Ber	nt 5	Pile 2 (Crutch	n Bent)				
Ste	el Cross Cap Crut	ch Pile					
Ele Nu 225	ement mber Steel Pil	Element Name e	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515	Steel Pr	otective Coating	173	145	0	28	0 Square Feet
Elemer Numbe	nt er Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty
√ 225	Corrosion	SURFACE RUST (14 FT.)			2	1	Each
√ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			3	28	28 Square Feet
	General Comments						

Structure	Number: 81	0022						Ins	pection Date: <u>06/27/2022</u>
Bei	nt 5			Pile 3					
Tin	nber Pile								
Ele Nu 228	ement mber	Timber Pile	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
Eleme	nt er Defec	t Type		Defect Description			CS	CS Qty	Maint Otv
228	Check/Sha	ke S	CATTERED CHE	CKS UP TO 1/8" WIDE			2	1	Each
	General Cor	nments							
Bei	nt 5			Pile 4					
Tim	nber Pile								
Ele Nu 228	ement mber	Timber Pile	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each
Eleme	nt er Defec	t Type		Defect Description			CS	CS Qty	Maint Otv
228	Decay/Sect	tion Loss S 1, W	OUTH FACE FRO 2 CIRCUMFERE /ITH A 10" x 1 1/2	OM BOTTOM OF CAP E NCE IS HOLLOW SOUI " x 2" DEEP AREA OF	DOWN 5' x NDING DECAY		3	1	5 Each
	General Cor	mments							
Bei	nt 5			Pile 5 (Crutch Ber	nt)				
Ste	el Cross C	Cap Crutch	Pile						
Ele Nu 225	ement mber	Steel Pile	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515		Steel Protec	ctive Coating		173	153	0	20	0 Square Feet
Eleme	nt Defec	t Type		Defect Description			CS	CS Otv	Maint
Numbe	Corrosion	S	URFACE RUST (10 FT.)			2	1	Qty Each
✓ 515	Effectivene Protective (ss (Steel L Coatings)	MITED EFFECTI	VENESS			3	20	20 Square Feet
	General Cor	nments							
Bei Tim	nt 5 nber Pile			Pile 6					
Ele Nu 228	ement mber	Timber Pile	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each
Eleme	nt er Defec	t Type		Defect Description			CS	CS Qty	Maint Otv
228	Decay/Sect	tion Loss S A "	OUTH AND NOR REAS OF DECA PAR"	TH FACE 4' BELOW CA (UP TO 19" x 8" x 3" D	AP HAS EEP.		3	1	2 Each
√ 228	Check/Sha	ke S	CATTERED CHE	CKS UP TO 1/8" WIDE			2		Each
	General Comments								

Structure N	Number: <u>810022</u>					Ins	spection D	ate: 06/27/2022
Ben	t 5	Pile 7						
Timl	ber Pile							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	l imber l	Sile	1	0	1	0	0 E	:ach
Elemen [:] Number	t r Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
228	Check/Shake	SCATTERED CHECKS UP TO 1/ CONCRETE ENCASEMENT ON HAS A FULL HEIGHT x 1/4" WID	'8" WIDE WITH A EAST FACE THAT E CRACK		2	1		Each
(General Comments							
Ben	t 5	Pile 8 (Cru	tch Bent)					
Stee	el Cross Cap Crut	ch Pile						
Elen Num 225	nent nber Steel Pil	Element Name e	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 E	ach
515	Steel Pr	otective Coating	173	149	24	0	0 S	quare Feet
Elemen	t r Defect Type	Defect Desc	cription		CS	CS Qty	Maint Otv	
225	Corrosion	SURFACE RUST (12 FT.)			2	1	ς,,,	Each
✓ 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS			2	24	24	Square Feet
(General Comments							
Ben	t 5	Pile 9						
Timl	ber Pile							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	l imber i	Pile	1	0	0	1	0 E	ach
Elemen Number	t r Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
228	Decay/Section Loss	12" TALL x FULL CIRCUMFEREN AREA OF DECAY. 16" ABOVE G "PAR"	NCE x 2" DEEP GROUNDLINE.		3	1	1	Each
✓ 228	Check/Shake	SCATTERED CHECKS UP TO 1/	/4" WIDE		2			Each
-	General Comments							

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	635
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	40
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	21
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	21
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	569
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Bent 1 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Bent 1 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Bent 1 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Bent 1 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Bent 1 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	627
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	20
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	20
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	562
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	627
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	40
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	40
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	40
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	40
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	40
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	20
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	20
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	562
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Bent 3 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 3	Bent 3 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1

Location	Name	Component	Element Name	Amount
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Bent 3 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 3	Bent 3 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Bent 3 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	627
Span 4	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	20
Span 4	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	20
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	562
Span 5	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	627
Span 5	Beam 1	Plate Girder	Steel Open Girder/Beam	40
Span 5	Beam 2	Plate Girder	Steel Open Girder/Beam	40
Span 5	Beam 3	Plate Girder	Steel Open Girder/Beam	40
Span 5	Beam 4	Plate Girder	Steel Open Girder/Beam	40
Span 5	Beam 5	Plate Girder	Steel Open Girder/Beam	40
Span 5	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	20
Span 5	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	20
Span 5	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	562
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Bent 5 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 5	Bent 5 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Bent 5 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 5	Bent 5 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Bent 5 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 6	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	635
Span 6	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	21
Span 6	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	21
Span 6	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	569

Location	Name	Component	Element Name	Amount
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	27
Bent 1	Pile 1	Timber Pile	Timber Pile	1
Bent 1	Pile 2 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 1	Pile 3	Timber Pile	Timber Pile	1
Bent 1	Pile 4	Timber Pile	Timber Pile	1
Bent 1	Pile 5 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 1	Pile 6	Timber Pile	Timber Pile	1
Bent 1	Pile 7	Timber Pile	Timber Pile	1
Bent 1	Pile 8 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 1	Pile 9	Timber Pile	Timber Pile	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	31
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	33
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	27
Bent 2	Pile 1	Timber Pile	Timber Pile	1
Bent 2	Pile 2 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 2	Pile 3	Timber Pile	Timber Pile	1
Bent 2	Pile 4	Timber Pile	Timber Pile	1
Bent 2	Pile 5 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 2	Pile 6	Timber Pile	Timber Pile	1
Bent 2	Pile 7	Timber Pile	Timber Pile	1
Bent 2	Pile 8 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 2	Pile 9	Timber Pile	Timber Pile	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	31
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	33
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	27
Bent 3	Pile 1	Timber Pile	Timber Pile	1
Bent 3	Pile 2 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 3	Pile 3	Timber Pile	Timber Pile	1
Bent 3	Pile 4	Timber Pile	Timber Pile	1
Bent 3	Pile 5 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 3	Pile 6	Timber Pile	Timber Pile	1
Bent 3	Pile 7	Timber Pile	Timber Pile	1
Bent 3	Pile 8 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 3	Pile 9	Timber Pile	Timber Pile	1
Bent 4	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	27
Bent 4	Pile 1	Timber Pile	Timber Pile	1
Bent 4	Pile 2 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 4	Pile 3	Timber Pile	Timber Pile	1
Bent 4	Pile 4	Timber Pile	Timber Pile	1
Bent 4	Pile 5 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 4	Pile 6	Timber Pile	Timber Pile	1
Bent 4	Pile 7	Timber Pile	Timber Pile	1
Bent 4	Pile 8 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 4	Pile 9	Timber Pile	Timber Pile	1
Bent 5	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	27
	1	1		

Location	Name	Component	Element Name	Amount
Bent 5	Pile 1	Timber Pile	Timber Pile	1
Bent 5	Pile 2 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 5	Pile 3	Timber Pile	Timber Pile	1
Bent 5	Pile 4	Timber Pile	Timber Pile	1
Bent 5	Pile 5 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 5	Pile 6	Timber Pile	Timber Pile	1
Bent 5	Pile 7	Timber Pile	Timber Pile	1
Bent 5	Pile 8 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 5	Pile 9	Timber Pile	Timber Pile	1

General Inspection Notes

Bent 1	Pile 1	
NOT VISIBLE		
Bent 1	Pile 2	
NOT VISIBLE		
Bent 1	Pile 3	
NOT VISIBLE		
Bent 1	Pile 4	
NOT VISIBLE		
Bent 2	Pile 1	
NOT VISIBLE		
Bent 2	Pile 2	
NOT VISIBLE		
Bent 2	Pile 3	
NOT VISIBLE		
Bent 2	Pile 4	
NOT VISIBLE		
Span 1	End Bent 1 Joint	
NOT VISIBLE		
Span 6	End Bent 2 Joint	
NOT VISIBLE		

National Bridge and NC Inspection Items

Structure Number: 810022

Inspection Date: 06/27/2022

National Bridge Inventory Items

Item	Grade Scale	Grade	
Item 58: Deck	0 - 9 , N	7	Note:
Item 59: Superstructure	0 - 9 , N	6	Items
Item 60: Substructure	0 - 9 , N	6	Порес
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.

For 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	3388	3376
Drainage System	G, F, P, or C	F	120	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	G	0	3352
Scour	G, F, P, or C	G		
Wingwall	G, F, P, or C	G	0	3350
Field Scour Evaluation		U		
Drift	G, F, P, or C	G	0	3366
Fender System	G, F, P, or C			
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Superstructure Paint Code		A		

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

Inspection Information

Item	Grade Scale	Grade
Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Y
Inspection Time	Hours	10
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	Υ
Bucket Truck Used	YES/NO	Ν
Boat Used	YES/NO	Ν
Other Equipment Used	YES/NO	Ν
Portion of Structure in > 3' of water	YES/NO	N

National Bridge and NC SMU Inspection Item Details

Structure Nur	nber: 810022	Inspectio	06/27/2022				
Item	Superstructure - Item 59	Grade	6	Maint Code	Qty.	0	
Detai	S CORROSION ON BEAMS AND BEARINGS						
Item	Substructure - Item 60	Grade	6	Maint Code	Qty.	0	
Detai	s DECAY IN PILES						
Item	Priority Maintenance Issued	Grade	Y	Maint Code	Qty.	0	
Detai	s BEAMS, BEARINGS AND PILES						
Item	Deck Debris	Grade	F	Maint Code 337	6 Qty.	3388	
Detai	Details SCATTERED AREAS OF DEBRIS ADJAC						
Item	Drainage System	Grade	F	Maint Code 333	2 Qty.	120	
Detai	S DRAINAGE AFFECTED BY DECK DEBRIS						

Date: 06/27/2022

Condition Photos



SCATTERED AREAS OF DEBRIS ADJACENT BOTH CURBS. TOTAL MAINTENANCE QUANTITY IS: 3388 Sq. Ft.



Span 1 Wearing Surface: SCATTERED TRANSVERSE CRACKS UP TO 1/8" WIDE OVER END BENT 1

Date: 06/27/2022

Condition Photos



Span 1 Left Bridge Rail: SCATTERED HAIRLINE CRACKS IN FACE AND TOP OF CURB



Span 1 Left Bridge Rail: 3" x 1" x 1/4" DEEP SPALL IN FACE OF CURB WITH RUST STAINS VISIBLE. 12' FROM END BENT 1

Date: 06/27/2022

Condition Photos



Span 2 Wearing Surface: SCATTERED TRANSVERSE CRACKS UP TO 1/8" WIDE OVER BENT 2



Span 2 Right Bridge Rail: SCATTERED SPALLS UP TO 4" x 3" x 1/2" DEEP IN FACE OF RAIL AND POST

Date: 06/27/2022

Condition Photos



Span 2 Left Bridge Rail: (2) SPALLS IN FACE OF CURB WITH REBAR VISIBLE NEAR BENT 1. AREAS ARE 3" x 1" x 1/4" DEEP



Span 3 Left Bridge Rail: EXPOSED SURFACE COARSE AGGREGATE THROUGHOUT THE BRIDGE RAIL

Date: 06/27/2022

Condition Photos



Span 6 Left Bridge Rail: SCATTERED HAIRLINE CRACKS IN RAIL AND CURB NEAR END BENT 2



Span 6 Right Bridge Rail: 2'-9" LONG X 1/32" WIDE VERTICAL WRAP AROUND CRACK IN THE EAST CURB, 3' FROM BENT 5

Date: 06/27/2022

Condition Photos



Span 1 Deck: 2' LONG X 2'-8" WIDE X 2" DEEP SPALLED AREA WITH EXPOSED REINFORCEMENT IN THE UNDERSIDE OF THE DECK IN BAY 4, 3' FROM END BENT 1



Span 1 Deck: INTERMITTENT FULL WIDTH X 1/32" WIDE TRANSVERSE CRACKS WITH EFFLORESCENCE IN THE UNDERSIDE OF THE DECK AT 1' TO 3' SPACING
Date: 06/27/2022

Condition Photos



Span 1 Deck: METAL PLATE ATTACHED TO BOTTOM OF DECK IN BAYS 1, 3 AND 4 NEAR BENT 1



Bent 1 Pile 2 (Crutch Bent): SCATTERED AREAS OF SURFACE RUST (6 FT.)

Date: 06/27/2022



Bent 1 Pile 4: 17" TALL x 3" WIDE x 2" DEEP AREA OF 100% SECTION LOSS ON NORTH FACE AT LOWER CROSS-BRACE



Bent 1 Pile 6: SCATTERED CHECKS UP TO 1/16" WIDE AND CONCRETE ENCASEMENT HAS SCATTERED CRACKS UP TO 1/8" WIDE

Date: 06/27/2022



Bent 2 Cap 1: BOTTOM SOUTHWEST CORNER HAS A 14" x 10" x UP TO 7" DEEP SPALL WITH (2) MAIN REBAR EXPOSED. "PAR" ISSUED



Bent 2 Cap 1: 12" x 6" x 2" DEEP SPALL IN BOTTOM NORTHWEST CORNER

Date: 06/27/2022



Bent 2 Pile 1: SCATTERED CHECKS UP TO 1/4" WIDE



Bent 2 Pile 2 (Crutch Bent): SCATTERED AREAS OF SURFACE RUST (14 FT.)

Date: 06/27/2022

Condition Photos



Bent 2 Pile 3: 30" TALL x 3" WIDE x 1/2" DEEP AREA OF DECAY IN SOUTH FACE AT TOP



Bent 2 Pile 4: 24" TALL x 8" WIDE x 3" DEEP AREA OF DECAY IN SOUTH FACE AT LOWER CROSS-BRACE. "PAR ISSUED

County: SAMPSON

Date: 06/27/2022

Condition Photos



Bent 2 Pile 6: 18" TALL x 3" WIDE x 1 1/2" DEEP AREA OF DECAY IN SOUTH FACE AT LOWER CROSS-BRACE.



Bent 2 Pile 7: 5' HIGH x 1/2 CIRCUMFERENCE OF DELAMINATION WITH HOLLOW SOUND IN EAST FACE FROM TOP DOWN. "PAR" ISSUED

Date: 06/27/2022

Condition Photos



Bent 2 Pile 9: 2' TALL x 1/2 CIRCUMFERENCE x 3" DEEP AREA OF HEAVY DECAY ON SOUTH FACE AT LOWER CROSS-BRACE. "PAR"



Span 2 Deck: 2' DIAMETER x UP TO 3" DEEP SPALL WITH (3) REBAR EXPOSED. BOTTOM OF DECK BAY 4 AT MID-SPAN. "PAR"

Date: 06/27/2022

Condition Photos



Span 2 Deck: 3' WIDE x 18" LONG CRACKED AND DELAMINATED AREA IN BOTTOM OF RIGHT OVERHANG. 5' FROM BENT 2



Span 2 Deck: 6" x 3" x 1/4" DEEP SPALL WITH REBAR VISIBLE IN BOTTOM OF LEFT OVERHANG. 6' FROM BENT

County: SAMPSON

Date: 06/27/2022

Condition Photos



Span 1 Beam 1: WEB OVER BENT 2 HAS (2) AREAS OF 100% SECTION LOSS UP TO 1 1/2" x 1". "PAR" ISSUED



Span 1 Beam 1: RIGHT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 11" LONG x 3" WIDE. "PAR" ISSUED

Date: 06/27/2022



Span 1 Beam 1: LEFT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 18" LONG x 3" WIDE. AREA ALSO HAS 1 1/2" x 1 1/2" AREA OF 100% SECTION LOSS. "PAR" ISSUED

Date: 06/27/2022



Span 1 Beam 1 - Far Bearing: SECTION LOSS WITH 3/4" REMAINING THRU-OUT BEARING AND LEFT ANCHOR BOLT NUT MISSING. "PAR" ISSUED



Span 1 Beam 1: SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB

County: SAMPSON

Date: 06/27/2022



Bent 2 Cap 1: SOUTH FACE UNDER BEAM 2 HAS A 12" x 20" AREA THAT IS CRACKED AND DELAMINATED. SIMILAR AREA SOUTH FACE UNDER BEAM 3

County: SAMPSON

Date: 06/27/2022

Condition Photos



Span 1 Beam 2: BOTTOM FLANGE AND WEB OVER BENT 2 HAS AREAS OF SECTION LOSS. WEB AREA IS: 6" LONG x 1" TALL WITH 1/4" REMAINING. BOTTOM FLANGE AREA IS: 12" LONG x FULL WIDTH WITH DOWN TO 1/4" REMAINING. "PAR"

Date: 06/27/2022

Condition Photos



Span 3 Beam 2: RIGHT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x 3" WIDE. "PAR"



END DIAPHRAGM OVER BENT 2 IN BAY 2. HAS A 34" LONG x 8" HIGH x 2" DEEP SPALL WITH REBAR EXPOSED

Date: 06/27/2022



Span 1 Beam 3: BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"

Date: 06/27/2022

Condition Photos



Span 3 Beam 3: BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 12" LONG x FULL WIDTH. AREA ALSO HAS A 2" x 2 1/2" AREA OF 100% SECTION LOSS. "PAR"

County: SAMPSON

Date: 06/27/2022



Span 3 Beam 3: WEB OVER BENT 2 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 18" LONG x UP TO 5" HIGH. "PAR"



Span 1 Beam 4: RIGHT BOTTOM FLANGE OVER BENT 2. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x 3 1/2" WIDE. "PAR"

Date: 06/27/2022

Condition Photos



Span 3 Beam 4: BOTTOM FLANGE OVER BENT 2. HAS A AREA OF SECTION LOSS WITH 5/16" REMAINING. AREA IS: 12" LONG x FULL WIDTH. "PAR" ISSUED



Span 3 Deck: 1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 4 AT BENT 2 / SIMILAR AT BENT 3

Date: 06/27/2022

Condition Photos



Span 3 Deck: (3) SPALLED AREAS WITH REBAR VISIBLE IN SCATTERED LOCATIONS. BOTTOM OF LEFT OVERHANG. AREAS AREA UP TO: 10" DIAMETER x 2" DEEP



Span 3 Deck: SCATTERED HAIRLINE TRANSVERSE CRACKS UP TO FULL WIDTH WITH SOME EFFLO IN BOTTOM OF DECK

Date: 06/27/2022

Condition Photos



Span 3 Deck: METAL PLATE BOLTED TO BOTTOM OF DECK IN BAYS 1 AND 3 AT BENTS 2 AND 3.



Span 4 Deck: 12" x 8" AREA OF DELAMINATION BOTTOM OF RIGHT OVERHANG 4' FROM BENT 3

Date: 06/27/2022



Span 4 Deck: (3) SPALLS UP TO 3" DIAMETER x 1" DEEP WITH REBAR VISIBLE AND ADJACENT 8" DIAMETER AREA OF DELAMINATION IN BOTTOM OF LEFT OVERHANG 4' FROM BENT 3.



Span 3 Beam 2: SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB

Date: 06/27/2022



Span 3 Beam 2 - Far Bearing: ANCHOR BOLT NUT MISSING ON BOTH SIDES. "PAR"



Span 5 Beam 2 - Near Bearing: RIGHT ANCHOR BOLT NUT MISSING. "PAR"

Date: 06/27/2022



Span 5 Beam 3 - Near Bearing: ANCHOR BOLT NUT MISSING ON BOTH SIDES. "PAR"



Span 5 Beam 3: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"

Date: 06/27/2022



Span 3 Beam 3: RIGHT BOTTOM FLANGE OVER BENT 4. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 12" LONG x FULL WIDTH. "PAR"



Span 3 Beam 3 - Far Bearing: RIGHT ANCHOR BOLT NUT MISSING. "PAR"

Date: 06/27/2022



Span 3 Beam 4: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/8" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"



Span 3 Beam 4 - Far Bearing: LEFT ANCHOR BOLT NUT MISSING. "PAR"

Date: 06/27/2022



Span 5 Beam 4: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/8" REMAINING. AREA IS UP TO 20" LONG x FULL WIDTH. "PAR"



Span 5 Beam 4 - Near Bearing: BOTH ANCHOR BOLT NUTS MISSING. "PAR"

County: SAMPSON

Date: 06/27/2022



Span 5 Beam 2: SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB



Span 5 Deck: 7" LONG X 7" WIDE X 1 1/2" DEEP SPALLED AREA WITH EXPOSED REINFORCEMENT IN THE UNDERSIDE OF THE DECK IN BAY 4, 7' FROM BENT 5

Date: 06/27/2022

Condition Photos



Span 5 Deck: INTERMITTENT FULL WIDTH X 1/32" WIDE TRANSVERSE CRACKS WITH EFFLORESCENCE IN THE UNDERSIDE OF THE DECK AT 1' TO 3' SPACING



Span 5 Deck: 8" x 6" x 1 1/2" DEEP SPALL WITH REBAR EXPOSED IN BOTTOM OF DECK IN BAY 3, 4' FROM BENT 5

Date: 06/27/2022

Condition Photos



Span 5 Deck: 4' x 12" x 2" DEEP SPALL WITH BROKEN REBAR EXPOSED. BOTTOM OF DECK BAY 1 NEAR MID-SPAN. "PAR"



Span 5 Deck: (2) SPALLED AREAS WITH REBAR EXPOSED AND ADJACENT DELAMINATION. AREAS ARE UP T(2' x 8" x 2" DEEP

Date: 06/27/2022

Condition Photos



Span 6 Deck: 24" x 14" x 2" DEEP SPALL WITH EXPOSED REBAR. BOTTOM OF DECK BAY 4 NEAR MID-SPAN



Span 6 Deck: 16" DIAMETER x 2" DEEP SPALL WITH EXPOSED REBAR. BOTTOM OF DECK BAY 4 AT END BENT

Date: 06/27/2022

Condition Photos



Span 6 Deck: SCATTERED HAIRLINE TRANSVERSE CRACKS UP TO FULL WIDTH IN BOTTOM OF DECK



Bent 3 Pile 3: 36" TALL x 2" WIDE x 1/4" DEEP AREA OF DECAY ON SOUTH FACE BELOW CROSS-BRACE

Date: 06/27/2022



Bent 3 Pile 4: SCATTERED CHECKS UP TO 1/8" WIDE. CONCRETE ENCASEMENT HAS SCATTERED CRACKS UP TO 1/4" WIDE.



Bent 3 Pile 6: 28" x 5" x 4" DEEP AREA OF DECAY ON NORTH FACE OF LOWER CROSS-BRACE. "PAR"

County: SAMPSON

Date: 06/27/2022

Condition Photos



Bent 3 Pile 9: 4' x 9" x 3" DEEP AREA OF DECAY NORTH FACE OF LOWER CROSS-BRACE. "PAR"



Bent 3 Pile 9: 23" x 6" x 2" DEEP AREA OF DECAY IN SOUTH FACE AND LOWER CROSS-BRACE. "PAR"

County: SAMPSON

Date: 06/27/2022



Bent 4 Pile 1: 30" x 2 1/2" x 1 1/2" DEEP AREA OF DECAY IN WEST FACE 2' BELOW CAP



Bent 4 Pile 4: SOUTH FACE HAS A AREA OF DECAY WITH ADJACENT HOLLOW SOUNDS. AREA IS: FROM BOTTOM OF CAP DOWN 6' x 10" x 3" DEEP. "PAR"

County: SAMPSON

Date: 06/27/2022

Condition Photos



Bent 4 Pile 7: SCATTERED CHECKS UP TO 1/4" WIDE



Bent 4 Pile 9: SCATTERED CHECKS UP TO 1/8" WIDE AND A CONCRETE ENCASEMENT THAT HAS SCATTERED CRACKS UP TO 1/4" WIDE

Date: 06/27/2022

Condition Photos



Bent 5 Pile 4: SOUTH FACE FROM BOTTOM OF CAP DOWN 5' x 1/2 CIRCUMFERENCE IS HOLLOW SOUNDING WITH A 10" x 1 1/2" x 2" DEEP AREA OF DECAY



Bent 5 Pile 6: SOUTH AND NORTH FACE 4' BELOW CAP HAS AREAS OF DECAY UP TO 19" x 8" x 3" DEEP. "PAR"
Date: 06/27/2022

Condition Photos



Bent 5 Pile 7: SCATTERED CHECKS UP TO 1/8" WIDE WITH A CONCRETE ENCASEMENT ON EAST FACE THAT HAS A FULL HEIGHT x 1/4" WIDE CRACK



Bent 5 Pile 9: 12" TALL x FULL CIRCUMFERENCE x 2" DEEP AREA OF DECAY. 16" ABOVE GROUNDLINE. "PAR"

Date: 06/27/2022

Condition Photos



End Bent 2 Cap 1: SCATTERED HAIRLINE VERTICAL CRACKS



End Bent 2 Abutment: SCATTERED AREAS OF HAIRLINE MAP CRACKING

Date: 06/27/2022

Condition Photos



Span 6 Deck: 20" x 16" AREA THAT IS CRACKED AND DELAMINATED WITH (2) SPALLS UP TO 10" x 8" x 1" DEEP. BOTTOM OF DECK IN BAY 1 NEAR MID-SPAN

Stream Bed Soundings (Profile diagram on following sheet)

County SAMPSON

Structure Number: 810022

Inspection Date 06/26/2022

Sounding recorded from: Top of Bridge Rail

Highwater Mark Distance 4 Location of Highwater Mark DRIFT ON CAPS

Distance (Station) ft	Downstream	Upstream Sounding ft	Description
0.000	2.000	0.000	TOP OF WINGWALL
1.500	4.500	0.000	TOP OF CAP
2.500	5.583	5.500	END BENT 1
6.000	5.583	0.000	
11.000	8.750	0.000	
20.250	14.333	14.333	BENT 1
25.000	14.333	0.000	
35.000	14.667	0.000	
40.250	14.500	17.500	BENT 2
51.000	17.000	0.000	WSWE
60.250	17.250	15.583	BENT 3
69.000	17.167	0.000	WSWE
80.250	16.083	13.750	BENT 4
88.000	15.583	0.000	
98.000	14.500	0.000	
100.250	13.667	14.333	BENT 5
111.000	8.250	0.000	
114.000	5.500	0.000	
117.999	5.500	5.750	END BENT 2
119.000	4.500	0.000	TOP OF CAP
120.500	2.000	0.000	TOP OF WINGWALL



Structure Data Worksheet



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	20.250	19.500			
2	20.000	19.500			
3	20.000	19.500			
4	20.000	19.500			
5	20.000	19.500			
6	20.250	19.500			



APPROACH ROADWAY

County: SAMPSON

Date: 06/27/2022

Structure Photos

Date: 06/27/2022

Structure Photos



WEST PROFILE



BRIDGE ID PLATE

Date: 06/27/2022

Structure Photos



EAST PROFILE



FROM BRIDGE LOOKING NORTH

Date: 06/27/2022

Structure Photos



FROM BRIDGE LOOKING SOUTH



FROM BRIDGE LOOKING WEST UPSTREAM

Structure: 810022

County: SAMPSON

Date: 06/27/2022

Structure Photos



FROM BRIDGE LOOKING EAST DOWNSTREAM



LOOKING SOUTH

Date: 06/27/2022

Structure Photos



END BENT 1



END OF BENT CAP

Date: 06/27/2022

Structure Photos



BENT 1 / OTHERS SIMILAR



SUPER STRUCTURE

Structure: 810022

County: SAMPSON

Date: 06/27/2022

Structure Photos



TYPICAL BEARINGS



LADDER USED FOR INSPECTION

Structure: 810022

County: SAMPSON

Date: 06/27/2022

Structure Photos



END BENT 2

Bridge: 810022

County SAMPSON

Date:

	<u>These Repairs</u>	Should Be Mac	le Within Twelve	Months From Date Of This Inspection	
MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 1: WEB OVER BENT 2 HAS (2) AREAS OF 100% SECTION LOSS UP TO 1 1/2" x 1". "PAR" ISSUED	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 1: RIGHT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 11" LONG x 3" WIDE. "PAR" ISSUED	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 1: LEFT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 18" LONG x 3" WIDE. AREA ALSO HAS 1 1/2" x 1 1/2" AREA OF 100% SECTION LOSS. "PAR" ISSUED	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 2: BOTTOM FLANGE AND WEB OVER BENT 2 HAS AREAS OF SECTION LOSS. WEB AREA IS: 6" LONG x 1" TALL WITH 1/4" REMAINING. BOTTOM FLANGE AREA IS: 12" LONG x FULL WIDTH WITH DOWN TO 1/4" REMAINING. "PAR"	
🔌 3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 3: BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 4: RIGHT BOTTOM FLANGE OVER BENT 2. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x 3 1/2" WIDE. "PAR"	
戦 3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 2: RIGHT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x 3" WIDE. "PAR"	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 3: BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 12" LONG x FULL WIDTH. AREA ALSO HAS A 2" x 2 1/2" AREA OF 100% SECTION LOSS. "PAR"	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 3: WEB OVER BENT 2 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 18" LONG x UP TO 5" HIGH. "PAR"	

Bridge: 810022

County SAMPSON

Date:

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	These Repairs	Should Be Mac	le Within Twelve	Months From Date Of This Inspection	
MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 3: RIGHT BOTTOM FLANGE OVER BENT 4. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 12" LONG x FULL WIDTH. "PAR"	
% 3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 4: BOTTOM FLANGE OVER BENT 2. HAS A AREA OF SECTION LOSS WITH 5/16" REMAINING. AREA IS: 12" LONG x FULL WIDTH. "PAR" ISSUED	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 4: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/8" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"	
3314	Maintain Steel Superstructure Components	LF	1	Span 5 Beam 3: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"	
3314	Maintain Steel Superstructure Components	LF	2	Span 5 Beam 4: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/8" REMAINING. AREA IS UP TO 20" LONG x FULL WIDTH. "PAR"	
3326	Maintain Concrete Deck	SF	4	Span 5 Deck: 4' x 12" x 2" DEEP SPALL WITH BROKEN REBAR EXPOSED. BOTTOM OF DECK BAY 1 NEAR MID-SPAN. "PAR"	
% 3334	Bridge Bearings	EA	1	Span 1 Beam 1 - Far Bearing: SECTION LOSS WITH 3/4" REMAINING THRU-OUT BEARING AND LEFT ANCHOR BOLT NUT MISSING. "PAR" ISSUED	
戦 3334	Bridge Bearings	EA	1	Span 3 Beam 2 - Far Bearing: ANCHOR BOLT NUT MISSING ON BOTH SIDES. "PAR"	
🔌 3334	Bridge Bearings	EA	1	Span 3 Beam 3 - Far Bearing: RIGHT ANCHOR BOLT NUT MISSING. "PAR"	
戦 3334	Bridge Bearings	EA	1	Span 3 Beam 4 - Far Bearing: LEFT ANCHOR BOLT NUT MISSING. "PAR"	
🔌 3334	Bridge Bearings	EA	1	Span 5 Beam 2 - Near Bearing: RIGHT ANCHOR BOLT NUT MISSING. "PAR"	
🔌 3334	Bridge Bearings	EA	1	Span 5 Beam 3 - Near Bearing: ANCHOR BOLT NUT MISSING ON BOTH SIDES. "PAR"	

Bridge: 810022

County SAMPSON

Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
<u> 3</u> 334	Bridge Bearings	EA	1	Span 5 Beam 4 - Near Bearing: BOTH ANCHOR BOLT NUTS MISSING. "PAR"	
🔌 3344	Repair / Replace Timber Substructure Components	LF	2	Bent 2 Pile 4: 24" TALL x 8" WIDE x 3" DEEP AREA OF DECAY IN SOUTH FACE AT LOWER CROSS-BRACE. "PAR" ISSUED	
戦 3344	Repair / Replace Timber Substructure Components	LF	5	Bent 2 Pile 7: 5' HIGH x 1/2 CIRCUMFERENCE OF DELAMINATION WITH HOLLOW SOUND IN EAST FACE FROM TOP DOWN. "PAR" ISSUED	
🔌 3344	Repair / Replace Timber Substructure Components	LF	2	Bent 2 Pile 9: 2' TALL x 1/2 CIRCUMFERENCE x 3" DEEP AREA OF HEAVY DECAY ON SOUTH FACE AT LOWER CROSS-BRACE. "PAR"	
3344	Repair / Replace Timber Substructure Components	LF	3	Bent 3 Pile 6: 28" x 5" x 4" DEEP AREA OF DECAY ON NORTH FACE OF LOWER CROSS-BRACE. "PAR"	
🔌 3344	Repair / Replace Timber Substructure Components	LF	4	Bent 3 Pile 9: 4' x 9" x 3" DEEP AREA OF DECAY NORTH FACE OF LOWER CROSS-BRACE. "PAR"	
3344	Repair / Replace Timber Substructure Components	LF	2	Bent 3 Pile 9: 23" x 6" x 2" DEEP AREA OF DECAY IN SOUTH FACE AND LOWER CROSS-BRACE. "PAR"	
戦 3344	Repair / Replace Timber Substructure Components	LF	6	Bent 4 Pile 4: SOUTH FACE HAS A AREA OF DECAY WITH ADJACENT HOLLOW SOUNDS. AREA IS: FROM BOTTOM OF CAP DOWN 6' x 10" x 3" DEEP. "PAR"	
🔌 3344	Repair / Replace Timber Substructure Components	LF	2	Bent 5 Pile 6: SOUTH AND NORTH FACE 4' BELOW CAP HAS AREAS OF DECAY UP TO 19" x 8" x 3" DEEP. "PAR"	
🔌 3344	Repair / Replace Timber Substructure Components	LF	1	Bent 5 Pile 9: 12" TALL x FULL CIRCUMFERENCE x 2" DEEP AREA OF DECAY. 16" ABOVE GROUNDLINE. "PAR"	
🔌 3348	Maintain Concrete Substructure Components	LF	2	Bent 2 Cap 1: BOTTOM SOUTHWEST CORNER HAS A 14" x 10" x UP TO 7" DEEP SPALL WITH (2) MAIN REBAR EXPOSED. "PAR" ISSUED	



Bridge: 810022

County SAMPSON

MMS Code	MN	/IS Descrip	otion		Quantity	
3314	Mair	ntain Steel	Superstructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Leve)		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
06/27/2022		TIM EAI	RP			
Details						
Span 1 Bear ISSUED	m 1: W	VEB OVER	BENT 2 HAS (2) AREAS OF 1009	% SECTION LOSS UP TO 1 1/2" x 1	". "PAR"	

MMS Code	MN	MMS Description Quantity				
3314	Mair	ntain Steel	Superstructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Level St			Status			
	Request Awaiting Assignment					
Submitted D	Date:	Submitte	d By:	Assisted By:		
06/27/2022		TIM EAI	RP			
Details						
Span 1 Bear KNIFE'S ED	m 1: R)GE RI	RIGHT BOT EMAINING	TOM FLANGE OVER BENT 2 HA AREA IS: 11" LONG x 3" WIDE.	S A AREA OF SECTION LOSS WIT "PAR" ISSUED	H DOWN TO	C

Bridge: 810022

County SAMPSON

MMS Code	MN	MMS Description Quantity				
3314	Maii	ntain Steel	Superstructure Components		2	LF
Location:						
			Bent/Span No.			
Priority Level S			Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
06/27/2022		TIM EAI	RP			
Details						
Span 1 Bear KNIFE'S ED SECTION L	m 1: L IGE RI OSS.	EFT BOTT EMAINING "PAR" ISS	TOM FLANGE OVER BENT 2 HAS 3. AREA IS: 18" LONG x 3" WIDE. 3UED	A AREA OF SECTION LOSS WITH AREA ALSO HAS 1 1/2" x 1 1/2" AI	DOWN TO REA OF 100)%

MMS Code	MN	MMS Description Quantity					
3314	Mair	ntain Stee	Superstructure Components		2	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	Date:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EA	RP				
Details							
Span 1 Bear LONG x 1" 7 1/4" REMAII	m 2: B TALL \ NING.	OTTOM F NITH 1/4" "PAR"	LANGE AND WEB OVER BENT 2 REMAINING. BOTTOM FLANGE	HAS AREAS OF SECTION LOSS. AREA IS: 12" LONG x FULL WIDTH	WEB AREA WITH DOW	IS: 6" /N TO	

Bridge: 810022

County SAMPSON

MMS Code	MN	MMS Description				
3314	Mair	ntain Steel	Superstructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Level			Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
06/27/2022		TIM EAI	RP			
Details						
Span 1 Bear	m 3: B		LANGE OVER BENT 2 HAS A AR	EA OF SECTION LOSS WITH DOW	N TO 1/4"	

MMS Code	MN	/IS Descrip		Quantity		
3314	Mair	ntain Steel	Superstructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
06/27/2022		TIM EAF	RP			
Details						
Span 1 Bear REMAINING	m 4: R 3. ARI	IGHT BOT EA IS: 10"	TOM FLANGE OVER BENT 2. H. LONG x 3 1/2" WIDE. "PAR"	AS A AREA OF SECTION LOSS WI	TH 1/4"	

Bridge: 810022

County SAMPSON

MMS Code	MN	MMS Description				
3314	Mair	ntain Steel	Superstructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Level			Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
06/27/2022		TIM EA	RP			
Details						
Span 3 Bear REMAINING	m 2: R 3. ARI	.IGHT BO EA IS: 10"	FTOM FLANGE OVER BENT 2 HA LONG x 3" WIDE. "PAR"	S A AREA OF SECTION LOSS WIT	H 1/4"	

MMS Code	MN	MMS Description				Quantity		
3314	Maii	ntain Steel Superstructure Components				LF		
Location:								
	Bent/Span No.							
Priority Level			Status					
			Request Awaiting Assignment	Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:				
06/27/2022		TIM EAI	RP					
Details								
Span 3 Bear EDGE REM SECTION L	m 3: B AININ OSS.	OTTOM F G. AREA "PAR"	LANGE OVER BENT 2 HAS A AR IS: 12" LONG x FULL WIDTH. AR	EA OF SECTION LOSS WITH DOW EA ALSO HAS A 2" x 2 1/2" AREA C	n to Knife)f 100%	∃'S		

Bridge: 810022

County SAMPSON

MMS Code	MN	MMS Description				Quantity	
3314	Mair	Maintain Steel Superstructure Components				LF	
Location:	Location:						
Bent/Span No.							
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/27/2022			RP				
Details							
Span 3 Bear LONG x UP	m 3: W TO 5"	/EB OVER ' HIGH. "P	A BENT 2 HAS A AREA OF SECTIO AR"	ON LOSS WITH 1/4" REMAINING. A	AREA IS: 18	;"	

MMS Code	MN	/IS Descrip		Quantity			
3314	Mair	ntain Steel	Superstructure Components		1	LF	
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EAF	RP				
Details							
Span 3 Bea REMAINING	m 3: R 3. ARI	EA IS: 12	FTOM FLANGE OVER BENT 4. H. LONG x FULL WIDTH. "PAR"	AS A AREA OF SECTION LOSS WI	TH 1/4"		

Bridge: 810022

County SAMPSON

MMS Code	MM	MMS Description				Quantity	
3314	Mair	ntain Steel	Superstructure Components		1	LF	
Location:							
	Bent/Span No.						
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EAF	RP				
Details							
Span 3 Bear AREA IS: 12	m 4: B 2" LON	OTTOM F IG x FULL	LANGE OVER BENT 2. HAS A AF WIDTH. "PAR" ISSUED	REA OF SECTION LOSS WITH 5/16	" REMAININ	√G.	

MMS Code	MN	IMS Description			Quantity		
3314	Mair	ntain Stee	I Superstructure Components	1	LF		
Location:	Location:						
Bent/Span No.							
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EAI	RP				
Details							
Span 3 Bear AREA IS: 1(m 4: B)" LON	OTTOM F	LANGE OVER BENT 4 HAS A AR WIDTH. "PAR"	EA OF SECTION LOSS WITH 1/8" F	(EMAINING		

Bridge: 810022

County SAMPSON

MMS Code	MN	IS Descrip	otion		Quantity		
3314	Mair	ntain Steel	tain Steel Superstructure Components				
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EAF	RP				
Details							
Span 5 Bear AREA IS: 10	m 3: B()" LON	OTTOM F IG x FULL	LANGE OVER BENT 4 HAS A AR WIDTH. "PAR"	EA OF SECTION LOSS WITH 1/4" F	EMAINING		

MMS Code	MN	/IS Descrip	Quantity				
3314	Mair	Maintain Steel Superstructure Components				LF	
Location:							
	Bent/Span No.						
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	oate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EAI	RP				
Details							
Span 5 Bear REMAINING	Span 5 Beam 4: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/8" REMAINING. AREA IS UP TO 20" LONG x FULL WIDTH. "PAR"						

Bridge: 810022 County SAMPSON

MMS Code	MN	/IS Descrip	otion		Quantity			
3326	Mai	laintain Concrete Deck				SF		
Location:	Location:							
	Bent/Span No.							
Priority Level			Status	Status				
			Request Awaiting Assignment					
Submitted D	ate:	Submitte	d By: Assisted By:					
06/27/2022		TIM EAF	RP					
Details								
Span 5 Decl MID-SPAN.	<: 4' x "PAR	12" x 2" D	EEP SPALL WITH BROKEN REBA	AR EXPOSED. BOTTOM OF DECK	BAY 1 NEA	R		

MMS Code	MN	MMS Description				Quantity	
3334	Brid	lge Bearing	gs		1	EA	
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	oate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EA	RP				
Details							
Span 1 Bear BOLT NUT I	m 1 - F MISSI	⁻ ar Bearin NG. "PAR	g: SECTION LOSS WITH 3/4" REN t" ISSUED	AINING THRU-OUT BEARING AND) LEFT ANC	HOR	

Bridge: 810022

County SAMPSON

MMS Code	MN	MMS Description				Quantity	
3334	Brid	lge Bearing	gs		1	EA	
Location:							
	Bent/Span No.						
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EAI	RP				
Details							
Span 3 Bear	m 2 - F	Far Bearin	g: ANCHOR BOLT NUT MISSING	ON BOTH SIDES. "PAR"			

MMS Code	MN	MMS Description					
3334	Brid	ge Bearing	gs		1	EA	
Location:							
	Bent/Span No.						
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EAI	RP				
Details							
Span 3 Bear	n 3 - F	Far Bearing	g: RIGHT ANCHOR BOLT NUT MI	SSING. "PAR"			

Bridge: 810022

County SAMPSON

MMS Code	MN	MMS Description			Quantity		
3334	Brid	lge Bearin	gs		1	EA	
Location:							
	Bent/Span No.						
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EA	RP				
Details							
Span 3 Bear	m 4 - F	Far Bearin	g: LEFT ANCHOR BOLT NUT MIS	SING. "PAR"			

MMS Code	MN	MMS Description				Quantity	
3334	Brid	Bridge Bearings			1	EA	
Location:							
Bent/Span No.							
Priority Level			Status				
	Request Awaiting Assignment						
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EAI	RP				
Details							
Span 5 Bear	n 2 - N	Vear Beari	ng: RIGHT ANCHOR BOLT NUT N	/ISSING. "PAR"			

Bridge: 810022

County SAMPSON

MMS Code	MN	MMS Description			Quantity		
3334	Brid	Bridge Bearings			1	EA	
Location:							
			Bent/Span No.				
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EAI	RP				
Details							
Span 5 Bear	n 3 - N	√ear Beari	ng: ANCHOR BOLT NUT MISSING	ON BOTH SIDES. "PAR"			

MMS Code	MN	MMS Description				Quantity		
3334	Brid	Bridge Bearings			1	EA		
Location:								
			Bent/Span No.					
Priority Level			Status					
			Request Awaiting Assignment	Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:				
06/27/2022		TIM EAI	RP					
Details								
Span 5 Bear	Span 5 Beam 4 - Near Bearing: BOTH ANCHOR BOLT NUTS MISSING. "PAR"							

Bridge: 810022

County SAMPSON

MMS Code	MN	MMS Description			Quantity		
3344	Rep	air / Repla	/ Replace Timber Substructure Components			LF	
Location:							
	Bent/Span No.						
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EAI	RP				
Details							
Bent 2 Pile 4 "PAR" ISSU	4: 24" ⁻ ED	TALL x 8"	WIDE x 3" DEEP AREA OF DECA	Y IN SOUTH FACE AT LOWER CRO	OSS-BRACE	Ξ.	

MMS Code	MN	MMS Description				Quantity	
3344	Rep	air / Repla	air / Replace Timber Substructure Components			LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	oate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EAI	RP				
Details							
Bent 2 Pile 7: 5' HIGH x 1/2 CIRCUMFERENCE OF DELAMINATION WITH HOLLOW SOUND IN EAST FACE FROM TOP DOWN. "PAR" ISSUED							

Bridge: 810022

County SAMPSON

MMS Code	MN	MMS Description				Quantity	
3344	Rep	air / Repla	ace Timber Substructure Componer	nts	2	LF	
Location:							
	Bent/Span No.						
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EAF	RP				
Details							
Bent 2 Pile 9 CROSS-BR/): 2' T/ ACE.	ALL x 1/2 ("PAR"	CIRCUMFERENCE x 3" DEEP AR	EA OF HEAVY DECAY ON SOUTH	FACE AT LO	OWER	

MMS Code	MN	MMS Description			Quantity		
3344	Rep	air / Repla	ce Timber Substructure Componer	nts	3	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
			Request Awaiting Assignment	Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EA	RP				
Details							
Bent 3 Pile 6	3: 28" >	x 5" x 4" D	EEP AREA OF DECAY ON NORT	H FACE OF LOWER CROSS-BRAC	E. "PAR"		

Bridge: 810022

County SAMPSON

MMS Code	MN	MMS Description			Quantity			
3344	Rep	Repair / Replace Timber Substructure Components			4	LF		
Location:	Location:							
			Bent/Span No.					
Priority Level			Status	Status				
			Request Awaiting Assignment					
Submitted D	ate:	Submitte	d By:	Assisted By:				
06/27/2022		TIM EAI	RP					
Details								
Bent 3 Pile 9	Э: 4' х	9" x 3" DE	EP AREA OF DECAY NORTH FA	CE OF LOWER CROSS-BRACE. "P	'AR"			

MMS Code	MN	MMS Description				Quantity	
3344	Rep	air / Repla	ace Timber Substructure Componer	nts	2	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	oate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EAF	RP				
Details							
Bent 3 Pile 9	∂: 23" :	x 6" x 2" D	EEP AREA OF DECAY IN SOUTH	I FACE AND LOWER CROSS-BRAC	Æ. "PAR"		

Bridge: 810022

County SAMPSON

MMS Code	MN	MMS Description			Quantity		
3344	Rep	Repair / Replace Timber Substructure Components			6	LF	
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D)ate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EAI	RP				
Details							
Bent 4 Pile 4 BOTTOM O	4: SOL F CAF	JTH FACE 9 DOWN 6	HAS A AREA OF DECAY WITH A ' x 10" x 3" DEEP. "PAR"	ADJACENT HOLLOW SOUNDS. AR	EA IS: FRO	'M	

MMS Code	MN	MMS Description			Quantity		
3344	Rep	air / Repla	ace Timber Substructure Componer	nts	2	LF	
Location:							
	Bent/Span No.						
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	oate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EAF	RP				
Details							
Bent 5 Pile 6: SOUTH AND NORTH FACE 4' BELOW CAP HAS AREAS OF DECAY UP TO 19" x 8" x 3" DEEP. "PAR"							

Bridge: 810022

County SAMPSON

MMS Code	MN	MMS Description			Quantity		
3344	Rep	Repair / Replace Timber Substructure Components			1	LF	
Location:							
	Bent/Span No.						
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/27/2022		TIM EAF	RP				
Details							
Bent 5 Pile 9: 12" TALL x FULL CIRCUMFERENCE x 2" DEEP AREA OF DECAY. 16" ABOVE GROUNDLINE. "PAR"							

MMS Code	MMS Description			Quantity		
3348	Mai	Aaintain Concrete Substructure Components			2	LF
Location:	Location:					
	Bent/Span No.					
Priority Level			Status			
			Request Awaiting Assignment			
Submitted D	itted Date: Submitted By		d By:	Assisted By:		
06/27/2022	7/2022 TIM EA		RP			
Details						
Bent 2 Cap 1: BOTTOM SOUTHWEST CORNER HAS A 14" x 10" x UP TO 7" DEEP SPALL WITH (2) MAIN REBAR EXPOSED. "PAR" ISSUED						

Bridge Inspection Field Sketch

US 701

MEASUREMENTS TAKEN 20ft SOUTH OF END BENT 1

Roadway	22.00ft Wide	2 Paved Lanes	Looking North
Left Shoulder	8.50ft Wide	2.50ft Paved	6.00ft Unpaved
Right Shoulder	7.50ft Wide	1.50ft Paved	6.00ft Unpaved
Left Guardrail			
Right Guardrail			

UPDATED BY TSE 6/27/22

MEASUREMENTS MODIFIED BY MA ON 6/3/20 MEASUREMENTS VERIFIED BY RAP 6/26/18 VERIFIED 6/21/16 MSW MEASUREMENTS VERIFIED BY RLK 6/9/14 VERIFIED BY RGM ON 6-20-12

Title		Descri	ption	
Approach Roadway		Looking	g North	
Bridge No: 810022	Drawn By: CLS		Date:06/06/2006	File Name: \$0234000519



1	Steel I Beam	6.333ft	
2	Steel I Beam	6.333ft	
3	Steel I Beam	6.333ft	
4	Steel I Beam	6.333ft	
5	Steel I Beam		

* - MODIFIED

RESURFACED WITH NO CHANGE TO ASPHALT WEARING SURFACE THICKNESS



UPDATED BY TSE 6/27/22

MEASUREMENTS MODIFIED BY MA ON 6/3/20 MEASUREMENTS MODIFIED BY RAP 6/26/18 VERIFIED BY RGM ON 6-20-12 MEASUREMENTS VERIFIED BY RLK 6/9/14 VERIFIED 6/21/16 MSW FLANGE = 7" WIDE X 1/2" THICK WEB = 5/16" THICK DEPTH = 16" HIGH

Title		Description								
SUPERSTRUCTURE		5 Lines of Steel I Beams								
Bridge No: 810022	Drawn By: CLS	Date:06/06/2006	File Name: S0234000520							
		Bri	dge l	nsp	oectio	on Fie	ld S	ketch		
------------------------------	--	--	----------------------------------	-----------------	------------	-----------------------	-----------------------	-----------------	-------------------------	------------
Cap Inf	Formation		Material	Cast-in-	Place Conc	rete				
Lengt	n Width	Height	Left Over	hang	Right Over	hang Left B	eam to Er	nd of Cap. Rig	ht Beam to E	nd of Cap.
27.667	ft. 2.500 ft.	2.500 ft.	1.583	ft.	1.333 f	t. 1. ⁻	167 ft.		1.167 ft.	
Subcar	o Information		Material							
Lengt	n Width	Height	Left Over	hang	Right Over	hang Left P	ile to Splic	ce.		
Sill Info	ormation		Material							
Lengt	n Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	2.25 ft.	1.00 ft.			Battered	Yes	No	No	No
2	Steel	2.67 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
3	Timber	5.33 ft.	1.00 ft.			Vertical	Yes	No	No	No
4	Timber	2.33 ft.	1.00 ft.			Vertical	Yes	No	No	No
5	Steel	2.17 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
6	Timber	5.00 ft.	1.00 ft.			Vertical	Yes	No	No	No
7	Timber	2.50 ft.	1.00 ft.			Vertical	Yes	No	No	No
8	Steel	2.50 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
9	Timber		1.00 ft.			Battered	Yes	No	No	No
						12 INCH	H-PILES	6 AT 5'-6" CENT	ERS	
UPDA MEAS MEAS SKET	SUREMENTS SUREMENTS SUREMENTS I CH REDRAW	6/27/22 VERIFIED I MODIFIED N 6/21/16 N	BY MA ON 6 BY RAP 6/2 /ISW	6/3/20 26/18						
Bent/A	outment #: 2	2	Similar I	Bents:						
Title						Description BENT 2	1			
SUBSTR	UCTURE		0.0							
Bridge No:	810022	Drawr	By: ULS			Date	^{2:} 06/06/2	006 File N	^{lame:} S02340	00521

		BLI	uge I	nsp	ectior	I FIE	ia 2	Ketch			
Cap In Lengt	formation h Width	Height	Material Left Over	Cast-in-F rhang	Place Concrete Right Overhai	e ng Left Be	eam to Er	nd of Cap. Righ	t Beam to Er	nd of Cap.	
Subca	7.500 ft. 2.50 ft. 2.50 ft. 1.50 ft.		1.50 ft.	1.0	03 II.		.003 II.				
Lengt	h Width	Height	Left Over	rhang	Right Overha	verhang Left Pile to Splice.					
Lengt	h Width	Height	Material								
Pile #	Material	Spacing	Width/Dia.	Height	Length (Drientation	Driven?	Replacement?	Removed?	Collar?	
1	Timber	2.4167 ft	1.00ft.		E	Battered	Yes	No	No	Yes	
2	Steel	2.75 ft.	1.00ft.	1.00ft.	١	/ertical	Yes	Yes	No	No	
3	Timber	5.00 ft.	1.00ft.		١	/ertical	Yes	No	No	No	
0	Timber	1.9167 ft.	1.00ft.		١	/ertical	Yes	No	No	No	
4				the second second second						1	
4 5	Steel	2.4167 ft	1.00ft.	1.00ft.	\ \	/ertical	Yes	Yes	No	No	
4 5 6	Steel Timber	2.4167 ft.	1.00ft. 1.00ft.	1.00ft.	N N	/ertical /ertical	Yes Yes	Yes No	No No	No Yes	
4 5 6 7	Steel Timber Timber	2.4167 ft. 5.00 ft. 2.333 ft.	1.00ft. 1.00ft. 1.00ft.	1.00ft.		/ertical /ertical /ertical	Yes Yes Yes	Yes No No	No No No	No Yes No	
4 5 6 7 8	Steel Timber Timber Steel	2.4167 ft. 5.00 ft. 2.333 ft. 2.67 ft.	1.00ft. 1.00ft. 1.00ft. 1.00ft.	1.00ft.		/ertical /ertical /ertical /ertical	Yes Yes Yes Yes	Yes No No Yes	No No No	No Yes No No	
4 5 6 7 8 9	Steel Timber Timber Steel Timber	2.4167 ft. 5.00 ft. 2.333 ft. 2.67 ft.	1.00ft. 1.00ft. 1.00ft. 1.00ft. 1.00ft.	1.00ft. 1.00ft.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Vertical Vertical Vertical Vertical Battered	Yes Yes Yes Yes No	Yes No No Yes No	No No No No	No Yes No No Yes	
4 5 6 7 8 9 UPI MEA3 SKET VER	Steel Timber Steel Timber DATED E SUREMENTS N SUREMENTS N FCH REDRAWI	2.4167 ft. 5.00 ft. 2.333 ft. 2.67 ft. SY TSE /ERIFIED E MODIFIED N 6/21/16 M ON 6-20-12	1.00ft. 1.00ft. 1.00ft. 1.00ft. 1.00ft. 6/27/2 BY MA ON 6 BY RAP 6/2 ISW 2	1.00ft. 1.00ft. 2 3/3/20 26/18		Vertical Vertical Vertical Sattered	Yes Yes Yes No 12 INCH	Yes No Yes No PILES AT 5'-6"	No No No No CENTERS	No Yes No Yes	
4 5 6 7 8 9 9 UPI MEA3 SKET VER	Steel Timber Steel Timber DATED E SUREMENTS N SUREMENTS N FICH REDRAWN IFIED BY RGM	2.4167 ft. 5.00 ft. 2.333 ft. 2.67 ft. SY TSE /ERIFIED E MODIFIED N 6/21/16 M ON 6-20-12	1.00ft. 1.00ft. 1.00ft. 1.00ft. 1.00ft. 3.0	1.00ft. 1.00ft. 2. 3/3/20 1.00ft. 2. 3/3/20 1.00ft. 3/3/20 1.00ft. 3/3/20 1.00ft. 3/3/20 1.00ft. 3/3/20 1.00ft. 3/3/20 1.00ft.		Vertical Vertical Vertical Vertical Battered	Yes Yes Yes No 12 INCH	Yes No Yes No PILES AT 5'-6"	No No No CENTERS	No Yes No Yes	
4 5 6 7 8 9 UPI MEA3 MEA3 SKET VER	Steel Timber Steel Timber DATED E SUREMENTS N SUREMENTS N FCH REDRAWN IFIED BY RGM	2.4167 ft 5.00 ft. 2.333 ft. 2.67 ft. SY TSE /ERIFIED E MODIFIED N 6/21/16 M ON 6-20-1;	1.00ft. 1.00ft. 1.00ft. 1.00ft. 1.00ft. 3 MA ON 6 BY RAP 6/2 ISW 2 Similar I	1.00ft. 1.00ft. 2 3/3/20 26/18 Bents:		Vertical Vertical Vertical Battered	Yes Yes Yes No 12 INCH	Yes No Yes No PILES AT 5'-6"	No No No CENTERS	No Yes No Yes	

Γ

		Bri	dge l	nsp	ectio	on Fie	ld S	ketcł	า	
Cap Inf	ormation		Material	Cast-in-F		rete				
Lengt	n Width	Height	Left Over	hang	Right Over	hang Left B	eam to Fr	nd of Cap	Right Beam to Fr	nd of Cap
27.083	t. 2.500 ft.	2.500 ft.	1.500	ft.	1.500 f	*0	.875 ft.	ia or oup.	*0.875 ft.	a or oup.
Subcar	Information		Material							
Lenat	n Width	Height	Left Over	hang	Right Over	hang Left P	ile to Spli	ce.		
Ű		Ū		Ũ	Ū	J. J				
Sill Info	rmation		Material							
Length	n Width	Height								
_		-								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replaceme	ent? Removed?	Collar?
1	Timber	2.3333 ft.	1.00 ft.			Battered	Yes	No	No	No
2	Steel	2.25 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
3	Timber	5.00 ft.	1.00 ft.			Vertical	Yes	No	No	No
4	Timber	2.75 ft.	1.00 ft.			Vertical	Yes	No	No	Yes
5	Steel	2.75 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
6	Timber	4.3333 ft.	1.00 ft.			Vertical	Yes	No	No	No
7	Timber	3.0833 ft.	1.00 ft.			Vertical	Yes	No	No	No
8	Steel	1.5833 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
9			1.00 ft.			Battered	Yes	No	No	No
measu MEASU MEASU SKETC VERIF	JREMENTS M JREMENTS M JREMENTS M CH REDRAWN IED BY RGM C Soutment #:	ODIFIED B ODIFIED B 6/21/16 MS DN 6-20-12	6/27/22 Y MA ON 6/ Y RAP 6/26 SW Similar I	/3/20 /18 Bents:	12 INCH H-	PILE CAPS 4	AND PILE	S , PILES A	T 5'-6" CENTERS	3
Title				_ 0.110.		Decerimtion				
SORSIK	UCTURE BEI	NT 3					NORTH			
Bridge No:	810022	Drawn	ву: RGM			Date	^{2:} 6/11/20	10 F	File Name:S00420	61421

		Bri	dge l	nsp	ectio	n Fie	ld S	ketch		
Cap In	formation		Material	Cast-in-F	Place Concre	ete				
Lengt	h Width	Height	Left Over	rhang	Right Overh	hang Left Be	eam to Er	nd of Cap. Rigl	nt Beam to Er	nd of Cap.
27.167	ft. 2.500 ft.	2.500 ft.	1.500) ft.	1.500 ft.	*0.	917 ft.		*0.917 ft.	
Subcap	p Information		Material		D : 14 O					
Lengt	h Width	Height	Left Over	rhang	Right Overh	hang Left Pi	le to Splic	ce.		
0.111	e.		Matarial							
Sill Info	ormation		Material							
Lenati	n vviatn									
		Height								
Pile #	Material	Height	Width/Dia	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
Pile #	Material	Height Spacing	Width/Dia.	Height	Length	Orientation Battered	Driven? Yes	Replacement?	Removed?	Collar?
Pile #	Material Timber Steel	Height Spacing 2.00 ft. 2.50 ft.	Width/Dia. 1.00 ft. 1.00 ft.	Height	Length	Orientation Battered Vertical	Driven? Yes Yes	Replacement? No Yes	Removed? No No	Collar? No No
Pile # 1 2 3	Material Timber Steel Timber	Height Spacing 2.00 ft. 2.50 ft. 5.00 ft.	Width/Dia. 1.00 ft. 1.00 ft. 1.00 ft.	Height	Length	Orientation Battered Vertical Vertical	Driven? Yes Yes Yes	Replacement? No Yes No	Removed? No No No	Collar? No No No
Pile # 1 2 3 4	Material Timber Steel Timber Timber	Height Spacing 2.00 ft. 2.50 ft. 5.00 ft. 2.4167 ft.	Width/Dia. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft.	Height 1.00 ft.	Length	Orientation Battered Vertical Vertical	Driven? Yes Yes Yes Yes	Replacement? No Yes No No	Removed? No No No No	Collar? No No No
Pile # 1 2 3 4 5	Material Timber Steel Timber Timber Steel	Height Spacing 2.00 ft. 2.50 ft. 5.00 ft. 2.4167 ft. 2.50 ft.	Width/Dia. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft.	Height 1.00 ft. 1.00 ft.	Length	Orientation Battered Vertical Vertical Vertical	Driven? Yes Yes Yes Yes Yes	Replacement? No Yes No No Yes	Removed? No No No No No	Collar? No No No No No
Pile # 1 2 3 4 5 6	Material Timber Steel Timber Timber Steel Timber	Height Spacing 2.00 ft. 2.50 ft. 5.00 ft. 2.4167 ft. 2.50 ft. 5.00 ft.	Width/Dia. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft.	Height 1.00 ft. 1.00 ft.	Length	Orientation Battered Vertical Vertical Vertical Vertical	Driven? Yes Yes Yes Yes Yes Yes	Replacement? No Yes No No Yes No	Removed? No No No No No No	Collar? No No No No No No
Pile # 1 2 3 4 5 6 7	Material Timber Steel Timber Timber Steel Timber Timber Timber	Height Spacing 2.00 ft. 2.50 ft. 2.4167 ft. 2.50 ft. 5.00 ft. 2.4167 ft. 2.4167 ft.	Width/Dia. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft.	Height 1.00 ft. 1.00 ft.	Length	Orientation Battered Vertical Vertical Vertical Vertical Vertical	Driven? Yes Yes Yes Yes Yes Yes Yes	Replacement? No Yes No Yes No No	Removed? No No No No No No No	Collar? No No No No No No
Pile # 1 2 3 4 5 6 7 8	Material Timber Steel Timber Timber Steel Timber Timber Steel	Height Spacing 2.00 ft. 2.50 ft. 5.00 ft. 2.4167 ft. 2.50 ft. 5.00 ft. 2.4167 ft. 2.3333 ft.	Width/Dia. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft.	Height 1.00 ft. 1.00 ft. 1.00 ft.	Length	Orientation Battered Vertical Vertical Vertical Vertical Vertical Vertical	Driven? Yes Yes Yes Yes Yes Yes Yes Yes	Replacement? No Yes No Yes No No Yes	Removed? No No No No No No No No No	Collar? No No No No No No No No
Pile # 1 2 3 4 5 6 7 8 9	Material Timber Steel Timber Steel Timber Timber Steel Timber	Height Spacing 2.00 ft. 2.50 ft. 5.00 ft. 2.4167 ft. 2.50 ft. 5.00 ft. 2.4167 ft. 2.3333 ft.	Width/Dia. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft.	Height 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft.	Length	Orientation Battered Vertical Vertical Vertical Vertical Vertical Vertical Sattered	Driven? Yes Yes Yes Yes Yes Yes Yes Yes	Replacement? No Yes No Yes No No Yes No	Removed?NoNoNoNoNoNoNoNoNoNoNoNoNo	Collar? No No No No No No No No
Pile # 1 2 3 4 5 6 7 8 9 9 7 8 9 9 7 8 9 7 8 9 7 8 8 9 7 8 8 9 7 8 8 9 7 8 8 9 8 8 8 9 8 8 8 8	Material Timber Steel Timber Steel Timber Steel Timber Steel Timber * - MODIF PDATED ASUREMENTS ASUREMENTS ASUREMENTS ASUREMENTS ASUREMENTS	Height Spacing 2.00 ft. 2.50 ft. 5.00 ft. 2.4167 ft. 2.3333 ft. EIED BY TSE MODIFIED MODIFIED	Width/Dia. 1.00 ft. 1.00	Height 1.00 ft.	Length	Orientation Battered Vertical Vertical Vertical Vertical Vertical Vertical Battered TEEL CAPS	Driven? Yes Yes Yes Yes Yes Yes Yes AND PIL	Replacement? No Yes No Yes No Yes No ES, PILES AT 5	Removed? No No No No No No '-6" CENTER	Collar? No No No No No No S
Pile # 1 2 3 4 5 6 7 8 9 9 VP MEA MEA SKE	Material Timber Steel Timber Steel Timber Steel Timber Steel Timber * - MODIF PDATED ASUREMENTS ASUREMENTS ASUREMENTS ASUREMENTS	Height Spacing 2.00 ft. 2.50 ft. 5.00 ft. 2.4167 ft. 2.4167 ft. 2.3333 ft. EIED BY TSE MODIFIED MODIFIED VN 6/21/16	Width/Dia. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 2.00 ft. 1.00 ft. 1.00 ft. 2.00 ft. 3.00	Height 1.00 ft.	Length	Orientation Battered Vertical Vertical Vertical Vertical Vertical Vertical Battered TEEL CAPS	Driven? Yes Yes Yes Yes Yes Yes Yes AND PILI	Replacement? No Yes No Yes No Yes No ES, PILES AT 5	Removed? No No No No No No '-6" CENTER	Collar? No No No No No No No
Pile # 1 2 3 4 5 6 7 8 9 9 , UP MEA SKE	Material Timber Steel Timber Steel Timber Steel Timber Steel Timber * - MODIF PDATED ASUREMENTS ASURE	Height Spacing 2.00 ft. 2.50 ft. 5.00 ft. 2.4167 ft. 2.50 ft. 2.4167 ft. 2.3333 ft. EIED BY TSE MODIFIED MODIFIED WODIFIED	Width/Dia. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 2.00 ft. 3.00	Height 1.00 ft. 22 4 6/3/20 /26/18 Bents:	Length	Orientation Battered Vertical Vertical Vertical Vertical Vertical Vertical Battered TEEL CAPS	Driven? Yes Yes Yes Yes Yes Yes Yes AND PIL	Replacement? No Yes No Yes No Yes No ES, PILES AT 5	Removed? No No No No No No '-6" CENTER	Collar? No No No No No No No
Pile # 1 2 3 4 5 6 7 8 9 VP MEA MEA SKE Bent/A	Material Timber Steel Timber Steel Timber Steel Timber Steel Timber * - MODIF PDATED ASUREMENTS ASUREMENTS ASUREMENTS ETCH REDRAV butment #: 4	Height Spacing 2.00 ft. 2.50 ft. 5.00 ft. 2.4167 ft. 2.4167 ft. 2.3333 ft. EIED BY TSE MODIFIED MODIFIED VN 6/21/16	Width/Dia. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 2.00 ft. 1.00 ft. 3.00	Height 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 6/3/20 /26/18 Bents:	Length	Orientation Battered Vertical Vertical Vertical Vertical Vertical Vertical Battered TEEL CAPS	Driven? Yes Yes Yes Yes Yes Yes AND PIL	Replacement? No Yes No Yes No Yes No ES, PILES AT 5	Removed? No No No No No No '-6" CENTER	Collar? No No No No No No S
Pile # 1 2 3 4 5 6 7 8 9 UP MEA MEA SKE Bent/A itle	Material Timber Steel Timber Steel Timber Steel Timber Steel Timber * - MODIF PDATED ASUREMENTS ASURE	Height Spacing 2.00 ft. 2.50 ft. 5.00 ft. 2.4167 ft. 2.3333 ft. 2.4167 ft. 2.3333 ft. EIED BY TSE MODIFIED MODIFIED VN 6/21/16	Width/Dia. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 2.00 ft. 1.00 ft. 3.00	Height 1.00 ft. 1.00 ft. 1.00 ft. 1.00 ft. 6/3/20 /26/18 Bents:	Length	Orientation Battered Vertical Vertical Vertical Vertical Vertical Vertical Battered TEEL CAPS	Driven? Yes Yes Yes Yes Yes Yes AND PIL	Replacement? No Yes No Yes No Yes No ES, PILES AT 5	Removed? No No No No No No '-6" CENTER	Collar? No No No No No No No S

		Bri	dge l	nsp	ectio	on Fie	ld S	ketch		
Cap Int	formation h Width	Height	Material Left Over	Cast-in-F hang	Place Concr Right Overl	ete nang Left Be	eam to Er	nd of Cap. Rig	nt Beam to Er	nd of Cap.
27.667	ft 2 500 ft	2 500 ft	1 500	nang ft	1 500 ft	*1	167 ft	iu ui Gap. Rigi	*1 167 ft	iu or Cap.
Subcar	n Information	2.000 ft.	Material	, n.	1.000 ft	. 1.	107 11.		1.107 1.	
Lengt	h Width	Height	Left Over	hang	Right Overl	nang Left Pi	le to Splid	ce.		
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Sill Info	ormation		Material							
Lengt	h Width	Height								
Pile #	Material	Spacing	Width/Dia	Height	Lenath	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	2.1667 ft.	1.00 ft.	rioigin	Longui	Battered	Yes	No	No	No
2	Steel	3.0833 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
3	Timber	4.667 ft.	1.00 ft.			Vertical	Yes	No	No	No
4	Timber	2.25 ft.	1.00 ft.			Vertical	Yes	No	No	No
5	Steel	2.667 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
6	Timber	5.167 ft.	1.00 ft.			Vertical	Yes	No	No	No
7	Timber	2.333 ft.	1.00 ft.			Vertical	Yes	No	No	Yes
8	Steel	2.333 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
9	Timber		1.00 ft.			Battered	Yes	No	No	No
* - UP MEA MEA SKE	MODIFIE DATED E ASUREMENTS ASUREMENTS TCH REDRAW	ED BY TSE MODIFIED MODIFIED N 6/21/16 I	E 6/27/2 BY MA ON BY RAP 6/3 MSW	12 22 6/3/20 26/18	INCH H- PII	LE, STEEL CA	APS AND	PILES,PILES /	λΤ 5'-6" CEN	TERS
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