TRANSPORT	IC DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS STRUCTURE MANAGEMENT UNIT	ATTENTION: PAR SUBN STRUCTU	IITTED. NEW REPAIRS. (RE DATA.	CHANGE IN
	Structure	Safety Repo	ort	
	Routine Elemen	t Inspection - Con	tract	
	INSPECTION	DATE: 01/24/2022		
DIVISION: 7	COUNTY: ROCKINGHAM STR	ICTURE NUMBER: 78000	1 FREQUENCY:	24 MONTHS
FACILITY CARRIED	: SR2817		MILE POST:	
LOCATION: 0.18 M	I. N. JCT. SR2594			
FEATURE INTERSE	CTED: US29			
LATITUDE: 36° 19	" 37.64" LONGITUD	E: 79° 38' 34.99"	_	
SUPERSTRUCTURE	E REINFORCED CONCRETE DECK ON I	BEAMS		
SUBSTRUCTURE: E	END BENTS:RC CAP & PPC PILES, INT.BE	NTS:RC POST & BEAM,	BT#1&2:SPREAD & PILE	FTGS., BT‡
SPANS: 4 SPAN	S. SEE SPAN PROFILE SHEET FOR SPAN	DETAILS		
FRACTURE CR	ITICAL ITEMPORARY SHORING	SCOUR CRITICAL	SCOUR PLAN OF	ACTION
GRADES: (Inspecto	r/NBI Coding) DECK 4/4 SUPERSTRUC	TURE 4/4 SUBST	RUCTURE 4/4 CUL	VERT N/N
POSTED SV: Not	Posted	POSTED TTST: Not	Posted	

OTHER SIGNS PRESENT: NONE

			10-001	Sign notice issued fo	ed r		Number Required
State - Astronomic Pre-	la si	In an and	ANA N	NO	WEIGHT LI	МІТ	0
		and the second s		NO	DELINEATO	DRS	0
	The		A STATE OF THE OWNER	NO	NARROW BRI	IDGE	0
				NO	ONE LANE BR	IDGE	0
				NO	LOW CLEARA	NCE	0
				DIRE	CTION OF PECTION	N-S	
				DIF MATC	RECTION	YES	
LOOKING SOUTH							
INSPECTED BY EMMANUEL DE JESUS	SIGNATURE	æ/	dr 2-	ASSISTED B	Y JOE RANARD)	

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

03/31/2022

IDENTIFICATION			
(1) STATE NAME NORTH CAROLINA BRIDGE 7800	001		58.19
(8) STRUCTURE NUMBER (FEDERAL) 15700	001	STATUS = Structurally	/ Deficient
(5) INVENTORY ROUTE (ON/UNDER) ON 1310281	170	CLASSIFICATION	CODE
(2) STATE HIGHWAY DEPARTMENT DISTRICT (3) COUNTY CODE (FEDERAL) 157 (4) PLACE CODE 559	7 900	(112) NBIS BRIDGE SYSTEM	YES
(6) FEATURE INTERSECTED US29		(104) HIGHWAY SYSTEM Inventory Route not on NHS	0
(7) FACILITY CARRIED SR2817		(26) FUNCTIONAL CLASS Urban Other Principal Arterial	14
(9) LOCATION 0.18 MI. N. JCT. SR2594		(100) STRAHNET HIGHWAY Not a STRAHNET Route	0
(11) MILEPOINT	0.0	(101) PARALLEL STRUCTURE No parallel structure exists	N
(12) BASE HIGHWAY NETWORK	1	(102) DIRECTION OF TRAFFIC 2-way traffic	2
(13) LRS INVENTORY ROUTE & SUBROUTE	00"	(103) TEMPORARY STRUCTURE Temporary Structure or Conditions	т
(16) LATITUDE 36° 19' 37.64° (17) LONGITUDE 79' 38' 34.9 (98) BORDER BRIDGE STATE CODE PERCENT SHARED	99"	(110) DESIGNATED NATIONAL NETWORK - on national network for trucks	0
(99) BORDER BRIDGE STRUCTURE NUMBER			2
			3
STRUCTURE TYPE AND MATERIAL		(21) MAINT -	01
(43) STRUCTURE TYPE MAIN Str	teel	(22) OWNER -	01
TYPE Stringer/Multi-beam or girder CODE 3	302	(37) HISTORICAL SIGNIFICANCE -	5
(44) STRUCTURE TYPE APPROACH		CONDITION	CODE
TYPE CODE		(58) DECK	4
(45) NUMBER OF SPANS IN MAIN UNIT	4	(59) SUPERSTRUCTURE	4
(46) NUMBER OF SPANS IN APPROACH	0	(60) SUBSTRUCTURE	4
(107) DECK STRUCTURE TYPE CODE	1	(61) CHANNEL & CHANNEL PROTECTION	N
(108)WEARING SURFACE/PROTECTIVE SYSTEM		(62) CULVERTS	N
(A) TYPE OF WEARING SURFACE CODE	1		CODE
(B) TYPE OF MEMBRANE CODE	0	(31) DESIGN LOAD H 20 + Mod	6000
(C) TYPE OF DECK PROTECTION CODE	0	(63) OPERATING RATING METHOD - Load Factor	1
	•		18
			40
(27) YEAR BUILT 19	808		1
(106) YEAR RECONSTRUCTED	0	(66) INVENTORY RATING	29
(42) TYPE OF SERVICE ON - Overpass Structu	ure	(70) BRIDGE POSTING No Posting Required	5
OFF - Highway CODE	61	(41) STRUCTURE OPEN, POSTED, OR CLOSED	D
(28) LANES ON STRUCTURE 2 LANES UNDER STRUCTURE	4	DESCRIPTION Open, would be psoted or closed escept for	
(29) AVERAGE DAILY TRAFFIC 120	000		0005
	12		
	1.0		
	1.0		9
	7.0	(69) UNDERCLEARANCES, VERT & HORIZ	3
(40) STRUCTURE LENGTH 234	7.0 6.0	(71) WATERWAY ADEQUACY	N
(50) CURB OR SIDEWALK: LEFT 0.0 RIGHT (0.0	(72) APPROACH ROADWAY ALIGNMENT	8
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB 71	1.7	(36) TRAFFIC SAFETY FEATURES	0110
(52) DECK WIDTH OUT TO OUT 78	8.0	(113) SCOUR CRITICAL BRIDGES	Ν
(32) APPROACH ROADWAY WITH (W/ SHOULDERS) 64	4.0	PROPOSED IMPROVEMENTS	
(33) BRIDGE MEDIAN Closed Median (no barrier) CODE	2	(75) TYPE OF WORK COD	E
(34) SKEW 22 (35) STRUCTURE FLARED	0	(76) LENGTH OF STRUCTURE IMPROVEMENT	
(10) INVENTORY ROUTE MIN VERTICLEAR 933 (47) INVENTORY ROUTE TOTAL HORIZ CLEAR 44	9.9 03	(94) BRIDGE IMPROVEMENT COST	
(53) MIN VERT CLEAR OVER BRIDGE RDWY 99	9.9	(95) ROADWAY IMPROVEMENT COST	
(54) MIN VERT UNDERCLEAR: REFERENCE H 14	4.8	(96) TOTAL PROJECT COST	
(55) MIN LAT UNDERCLEARANCE RT: REFERENCE H 12	2.3	(97) YEAR OF IMPROVEMENT COST ESTIMATE	
(56) MIN LAT UNDERCLEARANCE LT:	9.5		2040
			2040
(38) NAVIGATION CONTROL - CODE	N	(90) INSPECTION DATE 01/22 (91) FREQUENCY	24
(111) PIER PROTECTION CODF		(92) CRITICAL FEATURE INSPECTION (93) CFI DA	TE
(39) NAVIGATION VERTICAL CLEARANCE	0.0	A) FRACTURE CRIT DETAIL	
	0.0	B) UNDERWATER INSP B)	
	0.0		
(40) NAVIGATION HORIZONTAL CLEARANCE	U.U		
		SCOUR	

			cal							affic	e			See N	lote Be	low			c	
Span Number	Facility Carried	Inventory Route	Maximum Minimum Verti Clearance	Milepoint	Base Highway	LRS Inventory Route	Functional Classification	Number of Lanes	Average Daily Traffic	Year of Average Daily Tra	Total Horizontal Clearand	Reference Feature	Minimum Vertical Underclearance	Rigth Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade	STRAHNET Highway	Direction of Traffic	National Highway System	National Truck Network
	7	5	10	11	12	13	26	28	29	30	47	54A	54	55	56	69	100	102	104	110
2	US29S	23000290	16.7	0.0	1	20029	12	2	12500	2018	45.7	н	15.8	11.3	10.3	5		1		
2	US29S	23000290	16.7		1	20029	12	2	12500	2018	45.7	н	15.8	11.3	10.3	5	0	1		
3	US29N	23000290	15.1	0.0	1	20029	12	2	12500	2018	45.8	н	14.8	12.3	9.5	3		1		
3	US29N	23000290	15.1		1	20029	12	2	12500	2018	45.8	н	14.8	12.3	9.5	3	0	1		

Note: Items 54, 55, and 56 are not reported FHWA under route data points but are collected for each under route to determine the minimum value for Underclearance Appraisal Item 69.

Superstructure Build Details

Span Nu	Imber <u>1</u> Sp	an Length 52.5000		Skew 68.0000					
Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)			
20	Other Bearing	Other Bearings	20	Each	Unknown	20			
10	Plate Girder	Steel Open Girder/Beam	520	Feet	Legacy Red Lead Primer Systems with Various Topcoats	5100			
1	Reinforced Concrete Deck	Reinforced Concrete Deck	4095	Square Feet					
2	Concrete and Metal Railing	Other Bridge Railing	106	Feet					
Span Nu	imber <u>2</u> Sp	an Length <u>68.5000</u>		Sk	ew 68.0000	1			

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
20	Other Bearing	Other Bearings	20	Each	Unknown	20
2	Concrete and Metal Railing	Other Bridge Railing	138	Feet		
1	Compression Seal	Compression Joint Seal	82	Feet		
10	Plate Girder	Steel Open Girder/Beam	690	Feet	Legacy Red Lead Primer Systems with Various Topcoats	6760
1	Reinforced Concrete Deck	Reinforced Concrete Deck	5343	Square Feet		
Span Nu	mber 3 Span	Length <u>68.5000</u>		Ske	ew 68.0000	

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
20	Other Bearing	Other Bearings	20	Each	Unknown	20
2	Concrete and Metal Railing	Other Bridge Railing	138	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	5343	Square Feet		
1	Compression Seal	Compression Joint Seal	82	Feet		
10	Plate Girder	Steel Open Girder/Beam	690	Feet	Legacy Red Lead Primer Systems with Various Topcoats	6760
Span Nu	ımber <u>4</u> Spar	Length <u>46.0000</u>		Sk	ew 68.0000	

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
2	Concrete and Metal Railing	Other Bridge Railing	92 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3588 Square Feet		

Superstructure Build Details

1	1					
20	Other Bearing	Other Bearings	20	Each	Unknown	20
10	Plate Girder	Steel Open Girder/Beam	460	Feet	Legacy Red Lead Primer Systems with Various Topcoats	4490
1	Compression Seal	Compression Joint Seal	82	Feet		

Structure Element Scoring

Structure Number: 780001

Inspection Date 1/24/2022

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	18369	5159	256	12954	0
107	0	Steel Open Girder/Beam	Beam	2360	7	2230	69	54
515	107	Steel Protective Coating	Beam	23110	13850	0	0	9260
205	0	Reinforced Concrete Column	Piles and Columns	15	4	8	3	0
215	0	Reinforced Concrete Abutment	Abutments	168	3	158	7	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	27	27	0	0	0
226	0	Prestressed Concrete Pile	Foundation Pile	3	3	0	0	0
226	0	Prestressed Concrete Pile	Piles and Columns	25	25	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	423	31	0	378	14
302	0	Compression Joint Seal	Expansion Joints	246	0	246	0	0
316	0	Other Bearings	Bearing Device	80	0	16	64	0
515	316	Steel Protective Coating	Bearing Device	80	0	0	0	80
333	0	Other Bridge Railing	Bridge Rail	474	474	0	0	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 780001

Inspection Date: 01/24/2022

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Cracking (RC and Other)	12651 Square Feet
3326	Reinforced Concrete Deck	Exposed Rebar	14 Square Feet
3326	Reinforced Concrete Deck	Patched Areas	200 Square Feet
3326	Reinforced Concrete Deck	Delamination/Spall	89 Square Feet
3314	Steel Open Girder/Beam	Corrosion	30 Feet
3348	Reinforced Concrete Column	Exposed Rebar	5 Each
3348	Reinforced Concrete Column	Delamination/Spall	25 Each
3350	Reinforced Concrete Abutment	Delamination/Spall	4 Feet
3350	Reinforced Concrete Abutment	Exposed Rebar	3 Feet
3348	Reinforced Concrete Pier Cap	Exposed Rebar	122 Feet
3348	Reinforced Concrete Pier Cap	Patched Area	15 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	268 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	86 Feet
3334	Other Bearings	Corrosion	64 Each
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	9340 Square Feet

Element Structure Maintenance Quantities

Structure Number: 78	<u>80001</u>				lr	spection D	01/24/	<u>2022</u>
Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	7	168	0	7	158	3
Beam	3314	Maintenance Steel Superstructure Components	30	2360	54	69	2230	7
Beam	3342	Clean and Paint Steel	9260	23110	9260	0	0	13850
Bearing Device	3334	Bridge Bearing	64	80	0	64	16	0
Bearing Device	3342	Clean and Paint Steel	80	80	80	0	0	0
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	0	474	0	0	0	474
Caps	3348	Maintenance of Concrete Substructure	491	423	14	378	0	31
Deck	3326	Maintenance of Concrete Deck	12954	18369	0	12954	256	5159
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	246	0	0	246	0
Footing	3348	Maintenance of Concrete Substructure	0	27	0	0	0	27
Foundation Pile	3348	Maintenance of Concrete Substructure	0	3	0	0	0	3
Piles and Columns	3348	Maintenance of Concrete Substructure	30	40	0	3	8	29

Structure Nun	nber 780001		
Span2			
3326	Deck	Reinforced Co	ncrete Deck
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	2	Span 2 Deck: UNDERSIDE OF DECK, LEFT OVERHANG - SPALL (18IN X 12IN X 3IN) WITH EXPOSED REINFORCING, FAR END. UP TO 20% SECTION LOSS IN THE EXPOSED REBAR (PAR)
Span3			
3326	Deck	Reinforced Co	ncrete Deck
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	12	Span 3 Deck: SPALL WITH EXPOSED REBAR UP TO 12 SQ FT IN NORTHBOUND LANE RIGHT SIDE NEAR YELLOW LINE 20 FT FROM BENT 3. NO MEASUREABLE SECTION LOSS IN THE EXPOSED REBAR (PAR)
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FTL AT FAR END (PAR)
2	Corrosion	1	Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 47%, 7/16IN SL, 1/2IN REMAIN) FULL WIDTH FOR 1FT L. AT NEAR END WITH REPAIR PLATES (3/4IN) TO WEB (FULL HT X 2FT L.) & STIFFENER (FULL HT. X FULL WIDTH). (PAR)
2	Corrosion	1	Span 3 Beam 1: FAR END, RIGHT STIFFENER SECTION LOSS (UP TO 100%) FOR 4 IN WIDE AT BOTTOM. (PAR)
3314	Beam 3	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Damage	1	Span 3 Beam 3: IMPACT DAMAGE: 11"L CRACK UP TO 3/16"WEST ALONG COVER PLATE WELD ON WEST SIDE AT 24' FROM BENT 3 (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE
2	Damage	1	Span 3 Beam 3: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD 1-1/2" AT 24' FROM BENT 3 BEARING (PAR)
2	Damage	18	Span 3 Beam 3: IMPACT DAMAGE: 18LF OF BEAM OUT OF PLUMB TO THE EAST UP TO 1-1/4" AT 24' FROM BENT 3 BEARING - SECTION LOCATED BETWEEN INT. DIAPHRAGMS 1 & 2. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE
3314	Beam 6	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 6: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL,

? Priority Action Request (PAR) 1 Assigned Routine Maintenance

2 Assigned Priority Maintenance 3 Assigned Critical Find

SECTION LOSS (AVG. 5/16IN REMAIN) TO BOTTOM 3IN. (PAR)

11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END & LEFT STIFFENER

Structure Num	nber 780001		
3314	Beam 7	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 7: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 3IN L. FOR 1IN H. AT FAR END. (PAR)
3314	Beam 8	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Damage	0	Span 3 Beam 8: IMPACT DAMAGE: 14"L CRACK UP TO 1/4"WEST ALONG COVER PLATE WELD ON WEST SIDE AT 25' FROM BENT 3 BEARING. 2-1/4"L x 1"WEST x 5/8"D GOUGE ON WEST EDGE OF BOTTOM FLANGE. 8"L x 2"WEST x 5/8"D GOUGE ON WEST EDGE OF COVER PLATE. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE
2	Damage	2	Span 3 Beam 8: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE BENT UPWARD UP TO 2-1/2" AT 25' FROM BENT 3 BEARING. (PAR)
2	Damage	20	Span 3 Beam 8: IMPACT DAMAGE: 20LF OF BEAM OUT OF PLUMB TO THE EAST UP TO 3" AT 25' FROM BENT 3 BEARING - SECTION LOCATED BETWEEN INT. DIAPHRAGMS 1 & 2. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE

3314	Beam 10	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 53%, 1/2IN SL, 7/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)
2	Corrosion	1	Span 3 Beam 10: LEFT STIFFENER SECTION LOSS (UP TO 100%) TO BOTTOM FOR FULL WIDTH X 1 IN HIGH. (PAR)
2	Damage	1	Span 3 Beam 10: IMPACT DAMAGE: 12"L CRACK UP TO 1/4"WEST ALONG COVER PLATE WELD ON OUTSIDE EDGE AT 24' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE
2	Damage	1	Span 3 Beam 10: IMPACT DAMAGE: 2"L DIAGONAL TEAR IN BOTTOM FLANGE ON OUTSIDE EDGE AT 24' FROM BENT 3 BEARING. (PAR)
2	Damage	40	Span 3 Beam 10: IMPACT DAMAGE: 40LF OF BEAM OUT OF PLUMB TO THE EAST - UP TO 5-1/4" AT 24' FROM BENT 3 BEARING - SECTION BEGINS AT BENT 3 BEARING AND CONTINUES NORTH, (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE
2	Corrosion	1	Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 12IN L. AT NEAR END RIGHT SIDE (PAR).
2	Damage	1	Span 3 Beam 10: IMPACT DAMAGE: 1" DIAMETER x 1"D GOUGE ON OUTSIDE EDGE OF BOTTOM FLANGE AT 25' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE
2	Damage	2	Span 3 Beam 10: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD UP TO 2-1/4" AT 24' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE
2	Damage	2	Span 3 Beam 10: IMPACT DAMAGE: INT. DIAPHRAGM 2 IN BAY 9 AT BEAM 10 CONNECTION - DIAPHRAGM AND CONNECTION BRACKET DEFLECTED TO THE SOUTH UP TO 6" - DEFORMATION PRESENT ALONG ENTIRE LENGTH OF BRACKET, AND 2LF OF DIAPHRAGM AT EAST END. NO DAMAGE TO FASTENERS OR WELDS. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE

Span4

3314

Beam 1

? Priority Action Request (PAR) 1 Assigned Routine Maintenance

Plate Girder

2 Assigned Priority Maintenance 3 Assigned Critical Find

Structure Nur	mber 780001					
Priority Level Defect Type		Quantity	Defect Description			
2	Corrosion	2	Span 4 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 2FT L. AT NEAR END & RIGHT STIFFENER SECTION LOSS (AVG. 1/4IN REMAIN) TO BOTTOM 3IN. (PAR)			
3314	Beam 7	Plate Girder				
Priority Level	Defect Type	Quantity	Defect Description			
2	Corrosion	1	Span 4 Beam 7: WEB SECTION LOSS (UP TO 1/4IN SL, AVG. 3/8IN REMAIN) TO TOP, 5IN H. FOR 8IN L. AT NEAR END. (PAR)			
3314	Beam 8	Plate Girder				
Priority Level	Defect Type	Quantity	Defect Description			
2	Corrosion	1	Span 4 Beam 8: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 4IN L. X 1IN H.) AT NEAR END WITH REPAIR PLATE (3/4IN) AT RIGHT SIDE, PLATE DOES NOT COVER FULL HT. OF WEB (PAR)			

Bent 1

3348	Cap 1	Reinforced Co	ncrete Pier Cap
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	70	Bent 1 Cap 1: DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING), NEAR FACE AT BAY 4, FAR FACE SIMILAR & DELAM (5SF) NEAR FACE ABOVE COLUMN 3 & DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING). UP TO 20% SECTION LOSS ON THE EXPOSED REBAR. SPALL UNDER BAY FOR IS UP TO 4 SQ FT. (PAR)
2	Exposed Rebar	6	Bent 1 Cap 1: SPALL (7FT L. X 1FT WIDE. X 4IN D.) WITH EXPOSED REINFORCING TO TOP EDGE, FAR FACE AT BAY 9. (PAR) - COULD NOT ACCESS WITH LADDER DUE TO PROXIMITY OF LIVE TRAFFIC AND FAR FACE OF BENT.

Bent 2

3348	Cap 1	Reinforced Cor	ncrete Pier Cap
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	14	Bent 2 Cap 1: SPALLING (14FT L. X 3FT WEST. X 6IN D.) WITH EXPOSED REINFORCING, TO BOTTOM EDGE & UNDERSIDE AT BEAM 2, FAR FACE. UP TO 20% SECTION LOSS IN THE EXPOSED REBAR. (PAR)
2	Exposed Rebar	10	Bent 2 Cap 1: SPALLING/DELAM (10SF X 4IN D.) WITH EXPOSED REINFORCING TO BOTTOM EDGE, NEAR FACE AT BAY 4. UP TO 10% SECTION LOSS IN THE EXPOSED REBAR. (PAR)
3350	Abutment	Reinforced Cor	ncrete Abutment
Priority Level	Defect Type	Quantity	Defect Description
? Priority A	ction Request (PAR)	Assigned Routine	Maintenance 2 Assigned Priority Maintenance 3 Assigned Critical Find

Structure Numb	per 780001		
2	Exposed Rebar	3	End Bent 2 Abutment: SPALL (30IN L. X 9IN H. X 3IN D.) WITH EXPOSED REINFORCING TO BOTTOM OF BACKWALL RIGHT OF BEAM 7. REBAR IS DEBONDED FOR FULL LENGTH OF SPALL AND HAS UP TO 10% LOSS OF SECTION. (PAR)
Bent 3			
3348	Cap 1	Reinforced Co	ncrete Pier Cap
Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Rebar	4	Bent 3 Cap 1: SPALL (10SF X 4IN D.) WITH EXPOSED REINFORCING, UNDERSIDE AT BAY 4. UP TO 20% SECTION LOSS IN THE EXPOSED BAR. (PAR)
3348	Pile 5	Reinforced Co	ncrete Column
Priority			
Level	Defect Type	Quantity	Defect Description
2	Defect Type Exposed Rebar	Quantity 5	Defect Description Bent 3 Pile 5: SPALL (7.5FT H. X 12N WIDE X 3IN D.) WITH EXPOSED REINFORCING, TO NEAR LEFT CORNER AT BOTTOM. UP TO 10% SECTION LOSS IN THE EXPOSED REBAR. (PAR)
Approach Guardrail and Barriers	Defect Type Exposed Rebar	Quantity 5	Defect Description Bent 3 Pile 5: SPALL (7.5FT H. X 12N WIDE X 3IN D.) WITH EXPOSED REINFORCING, TO NEAR LEFT CORNER AT BOTTOM. UP TO 10% SECTION LOSS IN THE EXPOSED REBAR. (PAR)
Approach Guardrail and Barriers 3120	Defect Type Exposed Rebar Approach Guardrail and Barriers	Quantity 5 Approach Gua	Defect Description Bent 3 Pile 5: SPALL (7.5FT H. X 12N WIDE X 3IN D.) WITH EXPOSED REINFORCING, TO NEAR LEFT CORNER AT BOTTOM. UP TO 10% SECTION LOSS IN THE EXPOSED REBAR. (PAR)
Level 2 Approach Guardrail and Barriers 3120 Priority Level	Defect Type Exposed Rebar Approach Guardrail and Barriers Defect Type	Quantity 5 Approach Gua Quantity	Defect Description Bent 3 Pile 5: SPALL (7.5FT H. X 12N WIDE X 3IN D.) WITH EXPOSED REINFORCING, TO NEAR LEFT CORNER AT BOTTOM. UP TO 10% SECTION LOSS IN THE EXPOSED REBAR. (PAR) rdrail and Barriers Defect Description
Level 2 Approach Guardrail and Barriers 3120 Priority Level	Defect Type Exposed Rebar Approach Guardrail and Barriers Defect Type	Quantity 5 Approach Gua Quantity 1	Defect Description Bent 3 Pile 5: SPALL (7.5FT H. X 12N WIDE X 3IN D.) WITH EXPOSED REINFORCING, TO NEAR LEFT CORNER AT BOTTOM. UP TO 10% SECTION LOSS IN THE EXPOSED REBAR. (PAR) rdrail and Barriers Defect Description APPROACH GUARDRAIL AT NORTHWEST CORNER IS LAPPED INCORRECYLY (PAR)

2 Assigned Priority Maintenance 3 Assigned Critical Find

Element Condition and Maintenance Data

Structure	Number: <u>780001</u>					In	spection D	ate: 01/24/2022
Spa	in 1	Deck						
Rei	nforced Concrete	Deck						
Ele Nui	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ced Concrete Deck	4,095	0	0	4,095	0 S	quare Feet
Elemer Numbe	nt Pr Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	HAIRLINE TO 1/16IN OPEN MAP C W.) THROUGHOUT & WEAR WITH THROUGHOUT RIGHT LANES	HAIRLINE TO 1/16IN OPEN MAP CRACKING (UP TO FULL W.) THROUGHOUT & WEAR WITH EXPOSED AGGREGATE THROUGHOUT RIGHT LANES			4,086	4,086	Square Feet
12	Delamination/Spall	MEDIAN - SPALL (11FT L. X 8 IN W STARTING 2FT FROM NEAR END,	/ID X FULL HEIGH RIGHT SIDE	HT)	3	9	9	Square Feet
	General Comments							

PARTIAL AWS COVER (UP TO 600SF X 1.5IN D.) LEFT LANES AT NEAR END & PARTIAL AWS COVER (UP TO 600SF X 1.5IN D.) RIGHT LANES AT NEAR END

Spa	n 1	Beam 1						
Plate	e Girder							
Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	ben Girder/Beam	52	0	52	0	0 F	Feet
515	Steel Pr	otective Coating	510	306	0	0	204 8	Square Feet
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION T BOTTOM 1/3 OF WEB	THROUGHOUT FLA	NGES &	2	50		Feet
107	Corrosion	MODERATE SCALE & CORROSIC HT.) THROUGHOUT FAR END, N LOSS	ON (UP TO 2FT L. X O MEASUREABLE	FULL SECTION	2	2		Feet
107	Corrosion	REPAIR PLATES (3/4IN) TO BOT FULL W.) & WEB STIFFENER (FU	TOM FLANGE (10IN JLL HT. X FULL W.)	I L. X	1			Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS THROUGHOUT	& PEELING		4	204	204	Square Feet
-	General Comments							

Span 1

Beam 2

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	ben Girder/Beam	52	0	52	0	0 1	-eet
515	Steel Pr	otective Coating	510	306	0	0	204	Square Feet
Element Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION TH BOTTOM 1/3 OF WEB	HROUGHOUT FLA	NGES &	2	50		Feet
107	Corrosion	MODERATE SCALE & CORROSIO HT.) THROUGHOUT FAR END, NC LOSS	N (UP TO 2FT L. X MEASUREABLE	FULL SECTION	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS THROUGHOUT	& PEELING		4	204	204	Square Feet

Beam 3

Plate Girder

Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Op	ben Girder/Beam	52	0	52	0	0 Feet
515	Steel Pr	Steel Protective Coating			0	0	204 Square Feet
Element Number	t Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty
107	Corrosion	MINOR SURFACE CORROSION TH BOTTOM 1/3 OF WEB	ROUGHOUT FLA	NGES &	2	50	Feet
107	Corrosion	MODERATE SCALE & CORROSION HT.) THROUGHOUT FAR END, NO I LOSS	I (UP TO 2FT L. X MEASUREABLE	FULL SECTION	2	2	Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & THROUGHOUT	PEELING		4	204	204 Square Feet

General Comments

Spa	n 1	Beam 4						
Plat	e Girder							
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	ben Girder/Beam	52	0	52	0	0 F	eet
515	Steel Pro	otective Coating	510	306	0	0	204 S	quare Feet
Elemen Numbe	t r Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THRO BOTTOM 1/3 OF WEB	DUGHOUT FLA	NGES &	2	50		Feet
107	Corrosion	MODERATE SCALE & CORROSION (U HT.) THROUGHOUT FAR END, NO ME LOSS	JP TO 2FT L. X EASUREABLE S	FULL SECTION	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & P THROUGHOUT	EELING		4	204	204	Square Feet

General Comments

Beam 5

Plate Girder

Span 1

Elen Nun	nent nber Steel Or	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	0,000		02	0	02	0	0 1001
515	Steel Pro	otective Coating	510	306	0	0	204 Square Feet
Elemen Numbe	t Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty
107	Corrosion	MINOR SURFACE CORROSION THRO BOTTOM 1/3 OF WEB	UGHOUT FLA	NGES &	2	50	Feet
107	Corrosion	MODERATE SCALE & CORROSION (U HT.) THROUGHOUT FAR END, NO ME/ LOSS	P TO 2FT L. X ASUREABLE	FULL SECTION	2	2	Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PE THROUGHOUT	ELING		4	204	204 Square Feet
-	General Comments						

Beam 6

Plate Girder

Elen Num	nent 1ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Op	oen Girder/Beam	52	0	52	0	0 Feet
515	Steel Pr	otective Coating	510	306	0	0	204 Square Feet
Element Number	t Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty
107	Corrosion	MINOR SURFACE CORROSION THE BOTTOM 1/3 OF WEB	ROUGHOUT FLA	NGES &	2	50	Feet
107	Corrosion	MODERATE SCALE & CORROSION HT.) THROUGHOUT FAR END, NO M LOSS	(UP TO 2FT L. X IEASUREABLE	FULL SECTION	2	2	Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & THROUGHOUT	PEELING		4	204	204 Square Feet

General Comments

Spa	in 1	Beam 7						
Plat	te Girder							
Ele: Nur	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	ben Girder/Beam	52	0	52	0	0	Feet
515	Steel Pr	otective Coating	510	306	0	0	204	Square Feet
Elemer Numbe	nt Pr Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION TH BOTTOM 1/3 OF WEB	HROUGHOUT FLA	NGES &	2	50		Feet
107	Corrosion	MODERATE SCALE & CORROSIO HT.) THROUGHOUT FAR END, NC LOSS	N (UP TO 2FT L. X MEASUREABLE \$	FULL SECTION	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS THROUGHOUT	& PEELING		4	204	204	Square Fee

General Comments

Beam 8

Plate Girder

Span 1

Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Op	ben Girder/Beam	52	0	52	0	0 Feet
515	Steel Pro	otective Coating	510	306	0	0	204 Square Feet
Elemen Numbe	t r Defect Type	Defect Description	on		CS	CS Qty	Maint Qty
107	Corrosion	MINOR SURFACE CORROSION THRO BOTTOM 1/3 OF WEB	UGHOUT FLA	NGES &	2	50	Feet
107	Corrosion	MODERATE SCALE & CORROSION (L HT.) THROUGHOUT FAR END, NO ME LOSS	IP TO 2FT L. X ASUREABLE S	FULL SECTION	2	2	Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PI THROUGHOUT	EELING		4	204	204 Square Feet
-	General Comments						

Beam 9

Plate Girder

Elen Num	nent 1ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Op	oen Girder/Beam	52	0	52	0	0 Feet
515	Steel Pr	otective Coating	510	306	0	0	204 Square Feet
Elemen Number	t Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty
107	Corrosion	MINOR SURFACE CORROSION THE BOTTOM 1/3 OF WEB	ROUGHOUT FLA	NGES &	2	50	Feet
107	Corrosion	MODERATE SCALE & CORROSION HT.) THROUGHOUT FAR END, NO M LOSS	(UP TO 2FT L. X IEASUREABLE	FULL SECTION	2	2	Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & THROUGHOUT	PEELING		4	204	204 Square Feet

General Comments

Spa	n 1	Beam 10						
Plat	e Girder							
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	52	0	51	1	0 Fe	et
515	Steel Pro	otective Coating	510	306	0	0	204 Sq	uare Feet
Elemen Numbe	t r Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
107	Corrosion	WEB SECTION LOSS (UP TO 1/8IN S BOTTTOM, 5IN H. FOR 1FT L. AT FAR	L, 1/2IN REMAIN R END	N) AT	3	1	1	Feet
107	Corrosion	MINOR SURFACE CORROSION THR BOTTOM 1/3 OF WEB	OUGHOUT FLA	NGES &	2	51	I	Feet
107	Corrosion	REPAIR PLATE (3/4IN) TO BOTTOM F W.) AT FAR END	FLANGE (8IN L.	X FULL	1		I	Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & F THROUGHOUT	PEELING		4	204	204	Square Feet
-	General Comments							

Span	1	

Near Bearing

Other Bearing

••	Dealing							
Elem Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	0	1	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORRO THROUGHOUT	DSION		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1		1 Square Feet
G	General Comments							

Far Bearing

Span 1 Other Bearing

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Element Number	t Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & CO THROUGHOUT	RROSION		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1		1 Square Feet
ī	General Comments							

Span 1

Near Bearing

Other Bearing

Eler Nur	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 Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	t Defect Type	Defect Description	ı		cs	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CORF THROUGHOUT	ROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1	1	Square Feet
-	General Comments							

Span 1

Far Bearing

Other Bearing

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

Numbe	r Delect Type	Delect Description	63	CS QIY	Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet
-	General Comments					

Span	1
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Near Bearing

Other Bearing

Elen Num	ent ber Element Name Other Bearings			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
316		Other E	Bearings		1	0	1	0	0	Each
515	Steel Protective Coating			1	0	0 0	0	1	Square Feet	
Element	t Defect	Туре		Defect Description			CS	CS Qty	Maint Qty	
316	Corrosion		MINOR TO MODER THROUGHOUT	ATE SCALE & CORRO	SION		2	1		Each

515 Effectiveness (Steel PC LOSS THROUGHOUT BEARING Protective Coatings)

General Comments

Spa	n 1			Far Bearing						
Oth	er Bearing									
Eler Nun 316	nent nber	Other Be	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 E	Each
515		Steel Pro	tective Coating		1	0	0	0	1 \$	Square Feet
Elemen Numbe	t r Defect	Туре		Defect Descriptio	n		CS	CS Qty	Maint Qty	
316	Corrosion		MODERATE TO HE THROUGHOUT	AVY SCALE & COR	ROSION		3	1	1	Each
515	Effectiveness Protective Co	s (Steel batings)	PC LOSS THROUG	HOUT BEARING			4	1	1	Square Feet
_	General Com	ments								
Span 1 Near Bearing										
Oth	er Bearing									
Eler Nun 316	nent nber	Other Be	Element Name arings		Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 E	Each
515		Steel Pro	tective Coating		1	0	0	0	1 \$	Square Feet
Elemen	t r Defect	Туре		Defect Descriptio	n		CS	CS Qty	Maint Qtv	
316	Corrosion		MINOR TO MODER THROUGHOUT	ATE SCALE & COR	ROSION		2	1		Each
515	Effectiveness Protective Co	s (Steel batings)	PC LOSS THROUG	HOUT BEARING			4	1	1	Square Feet
	General Com	ments								
Spa	n 1			Far Bearing						
Oth	er Bearing									
Eler Nun 316	nent nber	Other Be	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 E	Each
515		Steel Pro	tective Coating		1	0	0	0	1 5	Square Feet
Elemen Numbe	t r Defect	Туре		Defect Descriptio	n		CS	CS Qty	Maint Qty	
316	Corrosion		MODERATE TO HE THROUGHOUT	AVY SCALE & COR	ROSION		3	1	1	Each
515	Effectiveness Protective Co	s (Steel	PC LOSS THROUG	HOUT BEARING			4	1	1	Square Feet

General Comments

4 1

1 Square Feet

Near Bearing

Other Bearing

Span 1

Elem Num	ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0 6	Each
515	Steel Pro	ptective Coating	1	0	0	0	1 \$	Square Feet
Element Number	Defect Type	Defect Descri	otion		CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & C THROUGHOUT	ORROSION		2	1		Each
515	Effectiveness (Steel PC LOSS THROUGHOUT BEARING Protective Coatings)				4	1	1	Square Feet

General Comment

Span 1

Far Bearing

Other Bearing

Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515 Steel Pr		otective Coating	1	0	0 0	0	1	Square Feet
Element Number	nt er Defect Type Defect Descrip		on		CS	CS Qty	Maint Qty	
316	Corrosion MODERATE TO HEAVY SCALE & C THROUGHOUT		RROSION		3	1	-	1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1		1 Square Feet
(General Comments							

Span 1

Near Bearing

Other Bearing

Elen Num	nent Iber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other	Bearings		1	0	1	0	0	Each
515	Steel Protective Coating			1	0	0	0	1	Square Feet
Element Number	Defect Type		Defect Description			CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODER THROUGHOUT	ATE SCALE & CORROS	SION		2	1		Each

4

1

1 Square Feet

515 Effectiveness (Steel PC LOSS THROUGHOUT BEARING Protective Coatings)

General Comments

Far Bearing

Other Bearing

Span 1

	0							
Elen Num	Element Number Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other	Bearings	1	0	0	1	0	Each
515	Steel I	Protective Coating	1	0	0	0	1	Square Feet
Element Number	t Defect Type	Defect De	escription		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE THROUGHOUT	E & CORROSION		3	1		1 Each

515 Effectiveness (Steel PC LOSS THROUGHOUT BEARING Protective Coatings)

General Comments

Spa	in 1			Near Bearing						
Oth	er Bearing									
Eler	ment				Total	CS1	CS2	CS3	CS4	
Nur	mber		Element Name		Qty	Qty	Qty	Qty	Qty	
316		Other Bea	arings		1	0	1	0	0	Each
515		Steel Prot	ective Coating		1	0	0	0	1	Square Feet
Elemen	nt Defect 1	Type		Defect Description			CS	CS Qtv	Maint	
NUMDE	Corrosion	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			NOISC		2	1	Qty	Fach
510	Conosion		THROUGHOUT		001011		2	1		Laci
515	Effectiveness Protective Co	(Steel atings)	PC LOSS THROUG	HOUT BEARING			4	1		Square Feet
-	General Comm	nents								
Span 1 Far Bearing										
Oth	Other Bearing									
F 1					T - 4 - 1	004	000		004	
Eler	ment mber		Element Name		l otal Qty	Qty	Qty	Qty	Qty	
316		Other Bea	arings		1	0	0	1	0	Each
515		Steel Prot	ective Coating		1	0	0	0	1	Square Feet
Elemen	nt Defect 1	Гуре		Defect Description			CS	CS Qty	Maint	
316	Corrosion		MODERATE TO HE	AVY SCALE & CORR	OSION		3	1	Q(y)	I Each
515	Effectiveness Protective Co	(Steel atings)	PC LOSS THROUG	HOUT BEARING			4	1		Square Feet
	General Com	nents								
Spa	in 1			Near Bearing						
Oth	er Bearing									
Eler	ment				Total	CS1	CS2	CS3	CS4	
Nur	mber		Element Name		Qty	Qty	Qty	Qty	Qty	
316		Other Bea	arings		1	0	1	0	0	Each
515		Steel Prot	ective Coating		1	0	0	0	1	Square Feet
Element Defect Type Defect Description						CS	CS Qty	Maint Qtv		
316	Corrosion			ATE SCALE & CORRO	OSION		2	1	- y	Each
515	Effectiveness Protective Co	(Steel atings)	PC LOSS THROUG	HOUT BEARING			4	1		Square Feet

General Comments

4 1

1 Square Feet

Far Bearing

Span 1 Other Bearing

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Element Number	t Defect Type	Defect Type Defect Descripti			CS	CS Qty	Maint Qty	
316	Corrosion MODERATE TO HEAVY SCALE & CO THROUGHOUT		RROSION		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1		1 Square Feet
ī	General Comments							

Span 1

Near Bearing

Other Bearing

Eler Nur	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 Pr	otective Coating	1 (0	0	1	Square Feet
Elemen Numbe	t Defect Type	Defect Description	ı		cs	CS Qty	Maint Qty	
316	Corrosion MINOR TO MODERATE SCALE & C THROUGHOUT		ROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1	1	Square Feet
-	General Comments							

Span 1

Far Bearing

Other Bearing

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

Numbe	r =0.000.jpo	20.000 2000. pitoti		,	Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1 Each	
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1 Square Feet	
-	General Comments					

Span	1
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Near Bearing

Other Bearing

Elen Num	nent Iber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings		1	0	0	1	0	Each
515		Steel Pr	otective Coating		1	0	0	0	1	Square Feet
Element Number	Defect	Туре		Defect Description			CS	CS Qty	Maint Qty	
316	Corrosion		MINOR TO MODER THROUGHOUT	ATE SCALE & CORRO	SION		3	1	-	1 Each

515 Effectiveness (Steel Protective Coatings)

General Comments

Sna	n 1	Ear Boaring						
She	all I	Tai Dearing						
Oth	er Bearing							
Ele Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other	Bearings	1	0	0	1	0 E	Each
515	Steel I	Protective Coating	1	0	0	0	1 5	Square Feet
Elemer Numbe	nt Defect Type	Defect Descrip	tion		cs	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & CO THROUGHOUT	ORROSION		3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1	1	Square Feet
Spa	an 2	Deck						
Rei	nforced Concrete	e Deck						
Ele Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfo	prced Concrete Deck	5,343	1,906	4	3,433	0 5	Square Feet
Elemer Numbe	nt er Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	HAIRLINE TO 1/16IN OPEN MAP CR W.) THROUGHOUT & WEAR WITH E THROUGHOUT RIGHT LANES	ACKING (UP TO EXPOSED AGGI) FULL REGATE	3	3,206	3,206	Square Feet
12	Delamination/Spall	INTERMITTENT SPALLING (UP TO 1	2IN X 12IN X 11	N) AT	3	25	25	Square Feet

		·
		RIGHT LANE 16FT FROM FAR END PATCHED SINCE PREVIOUS INSPECTION, NEW REPAIR
12	Patched Areas	SPALL (14IN X 12IN X 2IN) WITH EXPOSED REINFORCING,
		SINCE PREVIOUS INSPECTION. NEW REPAIR
		NEAR END RIGHT SIDE OF LEFT LANES REPAIRED
12	Patched Areas	SPALL (12IN X 10IN X 2IN) WITH EXPOSED REINFORCING,
		(UP TO 12IN X 12IN X 1IN) AT PERIMETER OF PATCHING

(PAR)

PC LOSS THROUGHOUT BEARING

General Comments

Exposed Rebar

Patched Areas

Span 2	
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12

12

Beam 1

UNDERSIDE OF DECK, LEFT OVERHANG - SPALL (18IN X

12IN X 3IN) WITH EXPOSED REINFORCING, FAR END. UP TO 80% SECTION REMAINING IN THE EXPOSED REBAR

INTERMITTENT PATCHING (UP TO 50SF) WITH SPALLING

Plate G	irder							
Element Number	Element N	ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		69	0	63	6	0	Feet
515	Steel Protective Coating		676	405	0	0	271	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

1

4

3

3

2

2

2

200

2

2

2 Square Feet

200 Square Feet

Square Feet

Square Feet

1 Square Feet

Structure	Number: 780001			Inspect	ion D	ate: 01/24/2022
107	Corrosion	BOTTOM FLANGE SECTION LOSS (UP TO 20%, 3/16IN SL, 3/4IN REMAIN) FULL WEST. FOR 4FT L. AT NEAR END & WEB SECTION LOSS, (UP TO 1/8IN PITTING) TO BOTTOM 4IN FOR 4FT L. & WEB SECTION LOSS (UP TO 3/16IN SL, 7/16IN REMAIN) TO BOTTOM, 6IN H. FOR 1FT L. AT NEAR END & BOTTOM FLANGE SECTION LOSS (UP TO 14%, 1/8IN SL, 13/16IN REMAIN) FULL WEST. FOR 2FT L. AT FAR END & RIGHT STIFFENER SECTION LOSS, (AVG. 1/8IN REMAIN) AT BOTTOM 1IN H.	3	6	6	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	63		Feet
107	Corrosion	REPAIR PLATE (3/4IN) TO WEB (16IN X FULL HT.) TO LEFT SIDE, FAR END	1			Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet
	General Comments					

Beam 2

Plat	e Girder							
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	69	0	69	0	0 F	Feet
515	Steel Pro	otective Coating	676	405	0	0	271 \$	Square Feet
Elemen Numbe	t r Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THE BOTTOM 1/3 OF WEB	ROUGHOUT FLA	NGES &	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION HT.) THROUGHOUT BEAM ENDS, N SECTION LOSS	(UP TO 2FT L. X O MEASUREAB	(FULL LE	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & THROUGHOUT	PEELING		4	271	271	Square Feet
-	General Comments							

Span 2

Beam 3

Plate Girder

Eler Nur 107	ment nber Steel Op	Element Name ben Girder/Beam	Total Qty 69	CS1 Qty 0	CS2 Qty 69	CS3 Qty 0	CS4 Qty 0 Feet
515	Steel Pr	otective Coating	676	405	0	0	271 Square Feet
Elemen Numbe	r Defect Type	Defect Descript	lion		CS	CS Qty	Maint Qty
107	Corrosion	MINOR SURFACE CORROSION THR BOTTOM 1/3 OF WEB	OUGHOUT FLA	NGES &	2	65	Feet
107	Corrosion	MODERATE SCALE & CORROSION HT.) THROUGHOUT BEAM ENDS, NO SECTION LOSS	(UP TO 2FT L. X O MEASUREABI	EFULL LE	2	4	Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & THROUGHOUT	PEELING		4	271	271 Square Feet

General Comments

Plate Girder

Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	_
107	Steel O	ben Girder/Beam	69	0	69	0	0 F	eet
515	Steel Pr	otective Coating	676	405	0	0	271 \$	Square Feet
Elemen Numbe	t Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THE BOTTOM 1/3 OF WEB	ROUGHOUT FLA	NGES &	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION HT.) THROUGHOUT BEAM ENDS, N SECTION LOSS	(UP TO 2FT L. X O MEASUREABI	FULL _E	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & THROUGHOUT	PEELING		4	271	271	Square Feet
	Constal Commonto							

General Comments

Beam 5

Plate Girder

Span 2

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel	Open Girder/Beam	69	0	68	1	0	Feet
515	Steel	Protective Coating	676	405	0	0	271	Square Feet
Element Number	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
107	Corrosion	WEB SECTION LOSS (UP TO 1/8IN BOTTOM, 8IN H. FOR 1FT L. AT NE	I SL, 1/2IN REMAI EAR END	N) AT	3	1		1 Feet
107	Corrosion	MINOR SURFACE CORROSION TH BOTTOM 1/3 OF WEB	IROUGHOUT FLA	NGES &	2	65		Feet
407	a :				~	•		

107 Corrosion MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL 2 3 Feet HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS PC LOSS AT CORRODED AREAS & PEELING 271 Square Feet 515 Effectiveness (Steel 4 271 Protective Coatings) THROUGHOUT

General Comments

Span 2

Beam 6

Plate Girder

Element CS1 CS2 CS3 CS4 Total **Element Name** Number Qty Qty Qty Qty Qty Steel Open Girder/Beam 107 69 0 69 0 0 Feet 515 Steel Protective Coating 0 0 676 405 271 Square Feet Maint Element CS Qty **Defect Type Defect Description** CS Number Qty 107 Corrosion MINOR SURFACE CORROSION THROUGHOUT FLANGES & 2 65 Feet BOTTOM 1/3 OF WEB MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL 107 Corrosion 2 4 Feet HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS PC LOSS AT CORRODED AREAS & PEELING 515 Effectiveness (Steel 4 271 271 Square Feet THROUGHOUT Protective Coatings) **General Comments**

Plate Girder

Elen Num	nent Iber Steel Or	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Of		03	0	03	0	0 1 661
515	Steel Pr	otective Coating	676	405	0	0	271 Square Feet
Element Number	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty
107	Corrosion	MINOR SURFACE CORROSION THR BOTTOM 1/3 OF WEB	OUGHOUT FLA	NGES &	2	65	Feet
107	Corrosion	MODERATE SCALE & CORROSION (HT.) THROUGHOUT BEAM ENDS, NO SECTION LOSS	(UP TO 2FT L. X O MEASUREAB	(FULL LE	2	4	Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & I THROUGHOUT	PEELING		4	271	271 Square Feet

General Comments

Beam 8

Plate Girder

Span 2

Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	ben Girder/Beam	69	0	69	0	0 F	eet
515	Steel Pr	otective Coating	676	405	0	0	271 \$	Square Feet
Elemen Number	t Defect Type	Defect Descripti	ion		CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THR BOTTOM 1/3 OF WEB	OUGHOUT FLA	NGES &	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION (HT.) THROUGHOUT BEAM ENDS, NO SECTION LOSS	UP TO 2FT L. X) MEASUREABI	EFULL LE	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & F THROUGHOUT	PEELING		4	271	271	Square Feet

General Comments

Beam 9

Plate Girder

Span 2

Element CS1 CS2 CS3 CS4 Total **Element Name** Number Qty Qty Qty Qty Qty 107 Steel Open Girder/Beam 0 Feet 69 0 67 2 **Steel Protective Coating** 515 676 405 0 0 271 Square Feet Maint Element **Defect Type Defect Description** CS Qty CS Number Qty BOTTOM FLANGE SECTION LOSS (UP TO 14%, 1/8IN SL, 107 2 2 Feet Corrosion 3 13/16IN REMAIN) FULL W. FOR 18IN L. AT FAR END 107 Corrosion MINOR SURFACE CORROSION THROUGHOUT FLANGES & 2 65 Feet BOTTOM 1/3 OF WEB MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL 107 Corrosion 2 2 Feet HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS PC LOSS AT CORRODED AREAS & PEELING 271 Square Feet 515 Effectiveness (Steel 4 271 Protective Coatings) THROUGHOUT **General Comments**

Beam 10

Plate Girder

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	ben Girder/Beam	69	1	65	3	0 Feet	
515	Steel Pr	otective Coating	676	405	0	0	271 Square Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
107	Corrosion	WEB SECTION LOSS (UP TO 1/8IN SL, 1/ BOTTOM, 16IN H. FOR 8IN L. AT NEAR E STIFFENER SECTION LOSS (AVG. 3/16IN BOTTOM 4IN. & BOTTOM FLANGE SECT 14%, 1/8IN SL, 13/16IN REMAIN) FULL W. FAR END	2IN REMAI ND & LEFT N REMAIN) ION LOSS . FOR 18IN	N) AT TO (UP TO L. AT	3	3	3 Feet	
107	Corrosion	MINOR SURFACE CORROSION THROUG BOTTOM 1/3 OF WEB	SHOUT FLA	NGES &	2	65	Feet	
107	Corrosion	REPAIR PLATE (3/4IN) TO BOTTOM FLAI W.) AT NEAR END	NGE (1FT L	X FULL	1		Feet	
107	Corrosion	REPAIR PLATES (3/4IN) TO WEB (3FT L. OF RIGHT SIDE BOTTOM FLANGE (3FT I FAR END	X 15IN H.) X FULL V	& TOP V.) AT	1		Feet	
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEEI THROUGHOUT	LING		4	271	271 Square Feet	t

General Comments

Near Bearing

Other Bearing

Span 2

Elem Num	ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & THROUGHOUT	& CORROSION		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARI	NG		4	1		1 Square Feet

General Comments

Spa	in 2	Far Bearin	g					
Oth	er Bearing							
Ele: Nur	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	t r Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & THROUGHOUT	& CORROSION		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARI	NG		4	1		1 Square Feet

General Comments

Near Bearing

Span 2 Other Bearing

	-							
Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & COR THROUGHOUT	ROSION		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1		1 Square Feet
ī	General Comments							

Span 2

Far Bearing

Other Bearing

Eler Nur	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	r Defect Type	Defect Descriptio	n		cs	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & COR THROUGHOUT	ROSION		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1		1 Square Feet
	General Comments							

Span 2

Near Bearing

Other Bearing

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

Numbe	r Defect Type	Defect Description	CS	CS Qty	Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet
-	General Comments					

Span 2

Far Bearing

Other Bearing

Elerr Num	lent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Othe	r Bearings	1	0	0	1	0	Each
515	Steel Protective Coating		1		0	0	1	Square Feet
Element Number	Defect Type	Defe	ct Description		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY S	CALE & CORROSION		3	1		1 Each

515 Effectiveness (Steel PC Protective Coatings)

General Comments

Spa	in 2			Near Bearing						
Oth	er Bearing									
Elei	ment				Total	CS1	CS2	CS3	CS4	
Nur	nber		Element Name		Qty	Qty	Qty	Qty	Qty	
316		Other Bear	ings		1	0	0	1	0	Each
515		Steel Prote	ctive Coating		1	0	0	0	1	Square Feet
Elemen Numbe	r Defect T	уре		Defect Description	1		CS	CS Qty	Maint Qtv	
316	Corrosion	1	MODERATE TO HE	AVY SCALE & CORF	ROSION		3	1	,	I Each
515	Effectiveness Protective Co	(Steel F	PC LOSS THROUG	HOUT BEARING			4	1		Square Feet
	General Comn	nents								
Spa	in 2			Far Bearing						
Oth	er Bearing									
Eler	ment		Element Name		Total	CS1	CS2	CS3	CS4	
316	nper	Other Bear	ings		Q(y 1	0	Qty 0	Qty	0	Each
515		Steel Prote	ctive Coating		1	0	0	0	1	Square Feet
Elemen	\								Maint	
Numbe	r Defect T	уре		Defect Description	Ì		CS	CS Qty	Qty	
316	Corrosion	1 ר	MODERATE TO HE THROUGHOUT	AVY SCALE & CORF	ROSION		3	1		I Each
515	Effectiveness Protective Coa	(Steel F atings)	PC LOSS THROUG	HOUT BEARING			4	1		Square Feet
	General Comn	nents								
Spa	in 2			Near Bearing						
Oth	er Bearing									
Elei	ment		Element News		Total	CS1	CS2	CS3	CS4	
Nur 316	nber	Other Bear	ings		Qty 1	O O	Qty 0	Qty 1	Qty 0	Each
515		Steel Prote	ctive Coating		1	0	0	0	1	Square Feet
Elemen Numbe	it r Defect T	уре		Defect Description	1		CS	CS Qty	Maint Qtv	
316	Corrosion	N F	MODERATE TO HE	AVY SCALE & CORF	ROSION		3	1	, - ,	I Each
515	Effectiveness Protective Coa	(Steel F atings)	PC LOSS THROUG	HOUT BEARING			4	1		Square Feet

General Comments

Inspection Date: 01/24/2022

1

4

1 Square Feet

PC LOSS THROUGHOUT BEARING

Far Bearing

Span 2

Other	Bearing
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Elen	nent	Element Name	Total	CS1	CS2	CS3	CS4	
Null	ibei		QLY	QUY	QLY	QLY		
316	Other Be	earings	1	0	0	1	0 Each	
515	Steel Pr	otective Coating	1	0	0	0	1 Square Feet	t
Element Number	t Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & C THROUGHOUT	ORROSION		3	1	1 Each	
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1	1 Square Fo	eet
Ī	General Comments							-

Span 2

Near Bearing

Other Bearing

Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0 1	Each
515	Steel Pre	otective Coating	1	0	0	0	1 \$	Square Feet
Elemen Number	t r Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & COP THROUGHOUT	ROSION		3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1	1	Square Feet
-	General Comments							

Span 2

Far Bearing

Other Bearing

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings		1	0	0	1	0 Each
515	Steel Protective Coating		1	0	0	0	1 Square Feet
Element	Defect Type	Defect Description			<u></u>	CS 044	Maint

Number	Defect Type	Defect Description	CS	CS Qty	Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet
(General Comments					

Span 2

Near Bearing

Other Bearing

Elem Num	ent ber	Element Name	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Fach
515	Steel	Protective Coating	1	0	0	0	1	Square Feet
lement	Defect Type		Defect Description		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEA THROUGHOUT	VY SCALE & CORROSION		3	1		1 Each

515 Effectiveness (Steel PC LOSS THROUGHOUT BEARING Protective Coatings)

General Comments

Spa	in 2			Far Bearing						
Oth	er Bearing									
Elei	ment				Total	CS1	CS2	CS3	CS4	
Nur	nber		Element Name		Qty	Qty	Qty	Qty	Qty	
316		Other Bea	rings		1	0	0	1	0	Each
515		Steel Prote	ective Coating		1	0	0	0	1	Square Feet
Elemen	nt r Defect T	уре		Defect Descriptio	n		cs	CS Qty	Maint Qtv	
316	Corrosion	ļ	MODERATE TO HE	AVY SCALE & COR	ROSION		3	1	,	I Each
515	Effectiveness Protective Co	(Steel I	PC LOSS THROUG	HOUT BEARING			4	1		Square Feet
	General Comm	nents								
Spa	in 2			Near Bearing						
Oth	er Bearing									
Eler Nur	ment nber		Element Name		Total Otv	CS1 Qtv	CS2 Qtv	CS3 Otv	CS4 Qtv	
316		Other Bea	rings		1	0	0	1	0	Each
515		Steel Prote	ective Coating		1	0	0	0	1	Square Feet
Elemen	it r Defect T	уре		Defect Descriptio	n		cs	CS Qty	Maint	
316	Corrosion	!	MODERATE TO HE	AVY SCALE & COR	ROSION		3	1	ι.y ,	I Each
515	Effectiveness Protective Coa	(Steel I atings)	PC LOSS THROUG	HOUT BEARING			4	1		Square Feet
	General Comm	nents								
Spa	in 2			Far Bearing						
Oth	er Bearing									
Elei	ment				Total	CS1	CS2	CS3	CS4	
Nur	nber		Element Name		Qty	Qty	Qty	Qty	Qty	
316		Uther Bea	rings		1	U	0	1	0	Each
515		Steel Prote	ective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	nt Pr Defect T	уре		Defect Descriptio	n		CS	CS Qty	Maint Qty	
316	Corrosion	ļ	MODERATE TO HE	AVY SCALE & COR	ROSION		3	1		I Each
515	Effectiveness Protective Coa	(Steel I atings)	PC LOSS THROUG	HOUT BEARING			4	1		Square Feet

General Comments

4 1

1 Square Feet

Near Bearing

Span 2 Other Bearing

	-							
Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & COR THROUGHOUT	ROSION		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1		1 Square Feet
ī	General Comments							

Span 2

Far Bearing

Other Bearing

Eler Nur	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	r Defect Type	Defect Descriptio	n		cs	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & COR THROUGHOUT	ROSION		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1		1 Square Feet
	General Comments							

Span 2

Near Bearing

Other Bearing

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

Numbe	r Defect Type	Defect Description	CS	CS Qty	Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet
-	General Comments					

Span 2

Far Bearing

Other Bearing

Elerr Num	lent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Othe	r Bearings	1	0	0	1	0	Each
515	Stee	Protective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defe	ct Description		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY S	CALE & CORROSION		3	1		1 Each

515 Effectiveness (Steel Protective Coatings)

General Comments

Inspection	Date:	<u>01/24/2022</u>

1 1 Square Feet

4

Spar	n 2	Expansion	Joint 2					
Com	pression Seal							
Elen Num 302	nent nber Compre	Element Name ession Joint Seal	Total Qty 82	CS1 Qty 0	CS2 Qty 82	CS3 Qty 0	CS4 Qty 0	Feet
Element	t Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
302	Adjacent Deck or Header	PATCHING, (UP TO 2FT L. X FULI HEADERS	. WIDTH) THROUG	HOUT	2	41		Feet
302	Debris Impaction	DEBRIS IMPACTION FULL L.			2	41		Feet
Ī	General Comments							

Span 3

Deck

PC LOSS THROUGHOUT BEARING

Reinforced Concrete Deck

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ced Concrete Deck	5,343	1,942	152	3,249	0 S	quare Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	HAIRLINE TO 1/16IN OPEN MAP CRACKIN W.) THROUGHOUT & WEAR WITH EXPOS THROUGHOUT RIGHT LANES	NG (UP TO SED AGGF) FULL REGATE	3	3,206	3,206	Square Feet
12	Delamination/Spall	INTERMITTENT SPALLING (UP TO 12IN X PERIMETER OF PATCHING	12IN X 1I	N) AT	3	25	25	Square Feet
12	Delamination/Spall	MEDIAN - (X2) SPALLS (UP TO 2FT L. X 12 WITH EXPOSED REINFORCING, 5FT FRC	2IN W. X 3 M FAR EI	BIN D.) ND	3	4	4	Square Feet
12	Delamination/Spall	UNDERSIDE OF DECK, RIGHT OVERHAN X 6IN W. X 2IN D.) NO EXPOSED REINFOI END	G - SPALI RCING AT	_ (16IN L. ⁻ FAR	3	2	2	Square Feet
12	Exposed Rebar	SPALL WITH EXPOSED REBAR UP TO 12 NORTHBOUND LAND RIGHT SIDE NEAR FT FROM BENT 3. 80% SECTION REMAIN EXPOSED REBAR. (PAR)	2 SQ FT IN YELLOW NNG IN TI	N LINE 20 HE	3	12	12	Square Feet
12	Patched Areas	INTERMITTENT PATCHING (UP TO 15SF) (UP TO 12IN X 12IN X 1IN) AT PERIMETER	WITH SP. R OF PAT	ALLING CHING	2	150		Square Feet
12	Patched Areas	SPALL (16IN X 12IN X 2IN) WITH EXPOSE RIGHT LANE 3FT FROM FAR END. PATC PREVIOUS INSPECTION - NEW REPAIR	D REINFO	ORCING, E	2	2		Square Feet

General Comments

Span 3

Beam 1

Eleme Numb	ent Der	Elem	ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Open Girder	Beam	69	0	66	0	3	Feet
515		Steel Protective C	bating	676	405	0	0	271	Square Feet
Element Number	Defect	Гуре	Defect Des	cription		CS	CS Qty	Maint Qty	
107 (Corrosion	BOTTO 11/16IN (PAR)	/I FLANGE SECTION LC REMAIN) FULL WIDTH	OSS (UP TO 27%, 1/4IN FOR 1FT L. AT FAR E	NSL, ND.	4	1		1 Feet

Structure	Number: 780001			Inspe	ection Da	ate: 01/24/2022
107	Corrosion	BOTTOM FLANGE SECTION LOSS (UP TO 47%, 7/16IN SL, 1/2IN REMAIN) FULL WIDTH FOR 1FT L. AT NEAR END WITH REPAIR PLATES (3/4IN) TO WEB (FULL HT X 2FT L.) & STIFFENER (FULL HT. X FULL WIDTH). (PAR)	4	1	1	Feet
107	Corrosion	FAR END, RIGHT STIFFENER SECTION LOSS (UP TO 100%) FOR 4 IN WIDE AT BOTTOM. (PAR)	4	1	1	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	66		Feet
107	Corrosion	REPAIR PLATE (3/4IN) TO WEB (16IN X FULL HT.) AT LEFT SIDE, FAR END	1			Feet
107	Corrosion	REPAIR PLATE (3/4IN) TO WEB (16IN X FULL HT.) AT LEFT SIDE, NEAR END	1			Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet
	General Comments					

Beam 2

Plate Girder	Plate Girder										
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty						
107	Steel Open Girder/Beam	69	1	67	1						
515	Steel Protective Coating	676	405	0	0						

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	BOTTOM FLANGE SECTION LOSS (UP TO 7%, 1/16IN SL, 7/8IN REMIAN) FULL W. FOR 1FT L. AT FAR END & LEFT STIFFENER SECTION LOSS (AVG. 1/4IN REMAIN) TO BOTTOM 3IN.	3	1	1	Feet
107	Corrosion	WEB SECTION LOSS (UP TO 1/16IN SL, AVG. 9/16IN REMAIN) FULL HT. FOR 6IN L. AT FAR END	3		1	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	65		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet

CS4 Qty

0 Feet

271 Square Feet

General Comments

Span 3

Beam 3

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	69	3	44	21	1 Feet
515	Steel Protective Coating	676	405	0	0	271 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Damage	IMPACT DAMAGE: 11"L CRACK UP TO 3/16"W ALONG COVER PLATE WELD ON WEST SIDE AT 24' FROM BENT 3 (PAR)	4	1	Feet
107	Damage	IMPACT DAMAGE: 1-3/4"L x 1"W x 1/4"D GOUGE ON WEST EDGE OF COVER PLATE AT 24'-6" FROM BENT 3 BEARING.	3	1	Feet
107	Damage	IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD 1-1/2" AT 24' FROM BENT 3 BEARING. (PAR)	3	1	Feet
107	Damage	IMPACT DAMAGE: 18LF OF BEAM OUT OF PLUMB TO THE EAST UP TO 1-1/4" AT 24' FROM BENT 3 BEARING - SECTION LOCATED BETWEEN INT. DIAPHRAGMS 1 & 2. (PAR)	3	18	Feet
107	Damage	IMPACT DAMAGE: 2"L x 1-1/4"W x 1/4"D GOUGE ON WEST EDGE OF BOTTOM FLANGE AT 24' FROM BENT 3 BEARING.	3	1	Feet

Structure	Number: <u>780001</u>			Inspe	ction Date: 01/24/2022
107	Damage	IMPACT DAMAGE: 3"L x 1"W x 1/2"D GOUGE ON WEST EDGE OF COVER PLATE AT 24' FROM BENT 3 BEARING.	3		Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	40	Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	4	Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271 Square Feet
	General Comments				

Beam 4

Plate Girder

Elen Num	nent 1ber Steel On	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Op		03	0	03	0	0 1 661
515	Steel Pro	otective Coating	676	405	0	0	271 Square Feet
Element Number	t Defect Type	Defect Description	on		CS	CS Qty	Maint Qty
107	Corrosion	MINOR SURFACE CORROSION THRO BOTTOM 1/3 OF WEB	UGHOUT FLA	NGES &	2	65	Feet
107	Corrosion	MODERATE SCALE & CORROSION (L HT.) THROUGHOUT BEAM ENDS, NO SECTION LOSS	JP TO 2FT L. X MEASUREABI	EFULL LE	2	4	Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & P THROUGHOUT	EELING		4	271	271 Square Feet
(General Comments						

Span 3

Beam 5

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	69	0	69	0	0 Feet
515	Steel Protective Coating	676	405	0	0	271 Square Feet
Flomont						Maint

Numbe	r Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	65	Feet	
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	4	Feet	
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271 Square Feet	
-	General Comments					

Span 3		Beam 6						
Plate Gi	rder							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	L /
107	Steel Open Girder/Beam		69	0	68	0	1	Feet
515	Steel Protective Coating		676	405	0	0	271	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: 780001			Inspec	ction Date: 01/24/2022
107	Corrosion	BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END & LEFT STIFFENER SECTION LOSS (AVG. 5/16IN REMAIN) TO BOTTOM 3IN. (PAR)	4	1	1 Feet
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	64	Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	4	Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271 Square Feet
	General Comments				

Beam 7

Plate Girder

Eler Nun	nent nber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107		Steel Op	en Girder/Beam	69	0	68	0	1 Feet
515		Steel Pro	ptective Coating	676	405	0	0	271 Square Feet
Elemen Numbe	t r Defect	Туре	Defect Description			CS	CS Qty	Maint Qty
107	Corrosion		WEB SECTION LOSS (UP TO 100%, AVG. TOP, 3IN L. FOR 1IN H. AT FAR END. (PA	. 1/8IN REI R)	MAIN) TO	4	1	1 Feet
107	Corrosion		MINOR SURFACE CORROSION THROUG BOTTOM 1/3 OF WEB	HOUT FLA	NGES &	2	65	Feet
107	Corrosion		MODERATE SCALE & CORROSION (UP T HT.) THROUGHOUT BEAM ENDS, NO ME SECTION LOSS	O 2FT L. X ASUREAB	(FULL LE	2	3	Feet

4

271

271 Square Feet

515 Effectiveness (Steel Protective Coatings)

General Comments

Span 3

Beam 8

PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	69	0	44	24	1 Feet
515	Steel Protective Coating	676	405	0	0	271 Square Feet

Element Number	Defect Type	Defect Description	cs	CS Qty	Maint Qty
107	Damage	IMPACT DAMAGE: 14"L CRACK UP TO 1/4"W ALONG COVER PLATE WELD ON WEST SIDE AT 25' FROM BENT 3 BEARING. 2-1/4"L x 1"W x 5/8"D GOUGE ON WEST EDGE OF BOTTOM FLANGE. 8"L x 2"W x 5/8"D GOUGE ON WEST EDGE OF COVER PLATE. (PAR)	4	1	Feet
107	Damage	IMPACT DAMAGE: (2) 1" DIAMETER x 1/4"D GOUGES ON WEST SIDE AT 25'-9" FROM BENT 3 BEARING - (1) ON BOTTOM FLANGE, (1) ON COVER PLATE.	3	1	Feet
107	Damage	IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE BENT UPWARD UP TO 2-1/2" AT 25' FROM BENT 3 BEARING. (PAR)	3	2	Feet
107	Damage	IMPACT DAMAGE: 20LF OF BEAM OUT OF PLUMB TO THE EAST UP TO 3" AT 25' FROM BENT 3 BEARING - SECTION LOCATED BETWEEN INT. DIAPHRAGMS 1 & 2. (PAR)	3	20	Feet
107	Damage	IMPACT DAMAGE: INT. DIAPHRAGM 2 IN BAY 7 AT BEAM 8 CONNECTION - DIAPHRAGM AND CONNECTION BRACKET DEFLECTED TO THE SOUTH UP TO 3" - DEFORMATION PRESENT ALONG ENTIRE LENGTH OF BRACKET, AND 2LF OF DIAPHRAGM AT EAST END. NO DAMAGE TO FASTENERS OR WELDS.	3	1	Feet

Structure	Number: <u>780001</u>			Inspe	ction Da	ate: 01/24/2022
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	40		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271	Square Feet
	General Comments					

Beam 9

Plate Girder

Elen Num 107	n ent n ber Steel Op	Element Name ben Girder/Beam	Total Qty 69	CS1 Qty 0	CS2 Qty 69	CS3 Qty 0	CS4 Qty 0 Fee	ət
515	Steel Pr	otective Coating	676	405	0	0	271 Sq	uare Feet
Elemen Number	t Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE CORROSION TH BOTTOM 1/3 OF WEB	IROUGHOUT FLA	NGES &	2	65	F	Feet
107	Corrosion	MODERATE SCALE & CORROSION HT.) THROUGHOUT BEAM ENDS, SECTION LOSS	N (UP TO 2FT L. X NO MEASUREAB	FULL LE	2	4	F	Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & THROUGHOUT	& PEELING		4	271	271 \$	Square Feet

General Comments

Span 3

Beam 10

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	69	0	19	6	44 Feet
515	Steel Protective Coating	676	405	0	0	271 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	BOTTOM FLANGE SECTION LOSS (UP TO 53%, 1/2IN SL, 7/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)	4	1	1	Feet
107	Corrosion	LEFT STIFFENER SECTION LOSS (UP TO 100%) TO BOTTOM FOR FULL WIDTH X 1 IN HIGH. (PAR)	4	1	1	Feet
107	Damage	IMPACT DAMAGE: 12"L CRACK UP TO 1/4"W ALONG COVER PLATE WELD ON OUTSIDE EDGE AT 24' FROM BENT 3 BEARING. (PAR)	4	1		Feet
107	Damage	IMPACT DAMAGE: 2"L DIAGONAL TEAR IN BOTTOM FLANGE ON OUTSIDE EDGE AT 24' FROM BENT 3 BEARING. (PAR)	4	1		Feet
107	Damage	IMPACT DAMAGE: 40LF OF BEAM OUT OF PLUMB TO THE EAST - UP TO 5-1/4" AT 24' FROM BENT 3 BEARING - SECTION BEGINS AT BENT 3 BEARING AND CONTINUES NORTH, (PAR)	4	40		Feet
107	Corrosion	BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 12IN L. AT NEAR END RIGHT SIDE (PAR).	3	1	1	Feet
107	Damage	IMPACT DAMAGE: 1" DIAMETER x 1"D GOUGE ON OUTSIDE EDGE OF BOTTOM FLANGE AT 25' FROM BENT 3 BEARING. (PAR)	3	1		Feet
107	Damage	IMPACT DAMAGE: 1" DIAMETER x 1/2"D GOUGE ON OUTSIDE EDGE OF BOTTOM FLANGE AT 24'-3" FROM BENT	3	1		Feet
107	Damage	IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD UP TO 2-1/4" AT 24' FROM BENT 3 BEARING. (PAR)	3	1		Feet
Structure	Number: 780001			Inspec	ction Date: 01/24/2022	
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107	Damage	IMPACT DAMAGE: 5-1/2"L x 3"W x 1/2"D GOUGE ON OUTSIDE EDGE OF COVER PLATE AT 24' FROM BENT 3 BEARING.	3	1	Feet	
107	Damage	IMPACT DAMAGE: INT. DIAPHRAGM 2 IN BAY 9 AT BEAM 10 CONNECTION - DIAPHRAGM AND CONNECTION BRACKET DEFLECTED TO THE SOUTH UP TO 6" - DEFORMATION PRESENT ALONG ENTIRE LENGTH OF BRACKET, AND 2LF OF DIAPHRAGM AT EAST END. NO DAMAGE TO FASTENERS OR WELDS. (PAR)	3	1	Feet	
107	Corrosion	MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB	2	15	Feet	
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT BEAM ENDS, NO MEASUREABLE SECTION LOSS	2	2	Feet	
107	Damage	IMPACT DAMAGE: (1) 3/4" DIAMETER x 3/16"D INDENTION ON OUTSIDE EDGE OF BOTTOM FLANGE AND (1) 1/2"L x 1/4"H x 1/8"D INDENTION ON OUTSIDE EDGE OF COVER PLATE - BOTH LOCATED 25'-6" FROM BENT 3 BEARING.	2	1	Feet	
107	Damage	IMPACT DAMAGE: 4"L x 1"W x 3/16"D INDENTION ON OUTSIDE EDGE OF COVER PLATE AT 25' FROM BENT 3 BEARING.	2	1	Feet	
107	Corrosion	REPAIR PLATES (3/4IN X 16IN L. X FULL HT.) TO RIGHT SIDE OF WEB AT FAR END	1		Feet	
107	Corrosion	REPAIR PLATES (3/4IN) TO WEB (3FT L. X 15IN H.) AT NEAR END	1		Feet	
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	271	271 Square Feet	
	Conorol Commonto					

General Comments

Near Bearing

Other Bearing

Span 3

Elerr Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pro	ptective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & COR THROUGHOUT	ROSION		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1		1 Square Feet
ī	General Comments							

Span 3

Far Bearing

Other Bearing

Elen Nurr	nent Nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Element Number	t Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & COP THROUGHOUT	RROSION		3	1	-	1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1		1 Square Feet
	General Comments							

Near Bearing

Span 3

Other	Bearing
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Elerr Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Be	earings	1	0	0	1	0 Each
515	Steel Pro	ptective Coating	1	0	0	0	1 Square Feet
Element Number	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty
316	Corrosion	MODERATE TO HEAVY SCALE & CO THROUGHOUT	RROSION		3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1	1 Square Feet
ī	General Comments						

Span 3

Far Bearing

Other Bearing

Ele Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bo	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	nt Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & COR THROUGHOUT	ROSION		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1		1 Square Feet
	General Comments							

Span 3

Near Bearing

Other Bearing

Element	Defect Turne	Defect Decerintian			<u></u>	CS 044	Maint
515	Steel Protective Coating		1	0	0	0	1 Square Feet
316	Other Bearings		1	0	0	1	0 Each
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty

Number	Defect Type	Defect Description	CS	CS Qty	Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet
-	General Comments					

Span 3

Far Bearing

Other Bearing

Elerr Num	lent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Oth	ner Bearings	1	0	0	1	0	Each
515	Ste	el Protective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Typ	e Defe	ct Description		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY S	CALE & CORROSION		3	1	-	1 Each

515 Effectiveness (Steel PC LOSS THROUGHOUT BEARING Protective Coatings)

General Comments

Spa	n 3			Near Bearing						
Oth	er Bearing									
Eler Nun	nent nber	Other De	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Fach
310			anngs		1	0	0	1	0	
515		Steel Pro	tective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	r Defect	Туре		Defect Description	1		CS	CS Qty	Maint Qty	
316	Corrosion		MODERATE TO HE THROUGHOUT	AVY SCALE & CORF	ROSION		3	1		1 Each
515	Effectiveness Protective Co	(Steel atings)	PC LOSS THROUG	HOUT BEARING			4	1		1 Square Feet
-	General Com	ments								
Spa	in 3			Far Bearing						
Oth	er Bearing									
Eler Nun 316	nent nber	Other Bea	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0	Each
515		Steel Pro	tective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	r Defect	Туре		Defect Description	1		CS	CS Qty	Maint Qty	
316	Corrosion		MODERATE TO HE THROUGHOUT	AVY SCALE & CORF	ROSION		3	1		1 Each
515	Effectiveness Protective Co	s (Steel batings)	PC LOSS THROUG	HOUT BEARING			4	1		1 Square Feet
	General Com	ments								
Spa	n 3			Near Bearing						
Oth	er Bearing									
Eler Nur	nent nber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Bea	arings		1	0	0	1	0	Each
515		Steel Pro	tective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	r Defect	Туре		Defect Description	1		CS	CS Qty	Maint Qty	
316	Corrosion		MODERATE TO HE	AVY SCALE & CORF	ROSION		3	1		1 Each
515	Effectiveness Protective Co	(Steel	PC LOSS THROUG	HOUT BEARING			4	1		1 Square Feet

General Comments

1

4

1 Square Feet

Far Bearing

Span 3 Other Bearing

•								
Elen Num	nent 1ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Number	t Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & COR THROUGHOUT	ROSION		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1		1 Square Feet
(General Comments							

Span 3

Near Bearing

Other Bearing

Ele: Nur	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0 E	ach
515	Steel Pr	otective Coating	1	0	0	0	1 S	quare Feet
Elemer Numbe	nt Defect Type	Defect Description	ı		cs	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & CORF THROUGHOUT	ROSION		3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1	1	Square Feet
	General Comments							

Span 3

Far Bearing

Other Bearing

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

Numbe	r Defect Type	Defect Description	CS	CS Qty	Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet
	General Comments					

Span 3

Near Bearing

Other Bearing

Elen Num 316	nent Iber	Other E	Element Name Bearings		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0	Each
515		Steel P	rotective Coating		1	0	0	0	1	Square Feet
Element Number	t Defect	Туре		Defect Description			CS	CS Qty	Maint Qty	
316	Corrosion		MODERATE TO HE	AVY SCALE & CORROS	SION		3	1	Ē	1 Each

515 Effectiveness (Steel PC LOSS THROUGHOUT BEARING Protective Coatings)

General Comments

-										
Spa	ın 3			Far Bearing						
Oth	er Bearing									
Flor	mont				Total	CS1	C S2	C 53	CS4	
Nur	nber		Element Name		Qty	Qty	Qty	Qty	Qty	
316		Other Be	arings		1	0	0	1	0 E	Each
515		Steel Pro	tective Coating		1	0	0	0	1 5	Square Feet
Elemen	nt Defect	Туре		Defect Description	n		CS	CS Qty	Maint	
316	Corrosion		MODERATE TO HE	AVY SCALE & CORF	ROSION		3	1	Giy 1	Each
515	Effectiveness	(Steel	PC LOSS THROUG	HOUT BEARING			4	1	1	Square Feet
	Protective Co	patings)								
	Ceneral Com	inento								
Spa	in 3			Near Bearing						
Oth	er Bearing									
Elei	ment				Total	CS1	CS2	CS3	CS4	
Nur	nber		Element Name		Qty	Qty	Qty	Qty	Qty	
316		Other Be	arings		1	0	0	1	0 E	Each
515		Steel Pro	tective Coating		1	0	0	0	1 5	Square Feet
Elemen Numbe	nt Pr Defect	Туре		Defect Description	n		cs	CS Qty	Maint Qty	
316	Corrosion		MODERATE TO HE THROUGHOUT	AVY SCALE & CORF	ROSION		3	1	1	Each
515	Effectiveness Protective Co	s (Steel batings)	PC LOSS THROUG	HOUT BEARING			4	1	1	Square Feet
	General Com	ments								
Spa	in 3			Far Bearing						
Oth	er Bearing									
Elei	ment				Total	CS1	CS2	CS3	CS4	
Nur	nber	0.1	Element Name		Qty	Qty	Qty	Qty	Qty	
316		Other Be	arings		1	0	0	1	0 E	ach
515		Steel Pro	tective Coating		1	0	0	0	1 5	Square Feet
Elemen	nt Pr Defect	Туре		Defect Description	n		CS	CS Qty	Maint Qty	
316	Corrosion		MODERATE TO HE THROUGHOUT	AVY SCALE & CORF	ROSION		3	1	- 1	Each
515	Effectiveness Protective Co	s (Steel batings)	PC LOSS THROUG	HOUT BEARING			4	1	1	Square Feet

General Comments

4 1

1 Square Feet

Near Bearing

Span 3

Other	Bearing
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Elerr Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Be	earings	1	0	0	1	0 Each
515	Steel Pro	ptective Coating	1	0	0	0	1 Square Feet
Element Number	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty
316	Corrosion	MODERATE TO HEAVY SCALE & CO THROUGHOUT	RROSION		3	1	1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1	1 Square Feet
ī	General Comments						

Span 3

Far Bearing

Other Bearing

Ele Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bo	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	nt Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & COR THROUGHOUT	ROSION		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1		1 Square Feet
	General Comments							

Span 3

Near Bearing

Other Bearing

Element	Defect Turne	Defect Decerintian			<u></u>	CS 044	Maint
515	Steel Protective Coating		1	0	0	0	1 Square Feet
316	Other Bearings		1	0	0	1	0 Each
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty

Number	Defect Type	Defect Description	CS	CS Qty	Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet
-	General Comments					

Span 3

Far Bearing

Other Bearing

Elerr Num	lent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Oth	ner Bearings	1	0	0	1	0	Each
515	Ste	el Protective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Typ	e Defe	ct Description		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY S	CALE & CORROSION		3	1	-	1 Each

515

Effectiveness (Steel PC LOSS THROUGHOUT BEARING Protective Coatings)

General Comments

4

1 Square Feet

Spa	n 3	Expansion Jo	pint 3					
Con	npression Seal							
Eler Nur 302	nent nber Compre	Element Name ession Joint Seal	Total Qty 82	CS1 Qty 0	CS2 Qty 82	CS3 Qty 0	CS4 Qty 0 Feet	
Elemen Numbe	t r Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
302	Adjacent Deck or Header	INTERMITTENT PATCHING, (UP TO THROUGHOUT HEADERS	2FT L. X 20FT W.)		2	64	Fee	¥t
302	Debris Impaction	DEBRIS IMPACTION FULL L.			2	18	Fee	≥t
	General Comments							
Spa	n 4	Deck						
Dela		Deals						

Reinforced Concrete Deck

Elen Num 12	nent Iber Reinfor	Element Name rced Concrete Deck	Total Qty 3,588	CS1 Qty 1,311	CS2 Qty 100	CS3 Qty 2,177	CS4 Qty 0 S	quare Feet
Element Number	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	HAIRLINE TO 1/16IN OPEN MAP C W.) THROUGHOUT & WEAR WITH THROUGHOUT RIGHT LANES	RACKING (UP TO EXPOSED AGG	O FULL REGATE	3	2,153	2,153	Square Feet
12	Delamination/Spall	INTERMITTENT SPALLING (UP TO PERIMETER OF PATCHING	12IN X 12IN X 1	IN) AT	3	24	24	Square Feet
12	Patched Areas	INTERMITTENT PATCHING (UP TO (UP TO 12IN X 12IN X 1IN) AT PER) 12SF) WITH SP IMETER OF PAT	ALLING CHING	2	100		Square Feet

General Comments

PARTIAL AWS COVER (UP TO 120SF X 1.5IN D.) LEFT LANES AT FAR END & PARTIAL AWS COVER (UP TO 600SF X 1.5IN D.) RIGHT LANES AT FAR END

Spa	n 4	Beam 1						
Plat	e Girder							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	46	1	43	0	2	Feet
515	Steel Pr	otective Coating	449	269	0	0	180	Square Feet
Elemen Number	t r Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
107	Corrosion	BOTTOM FLANGE SECTION LOSS 11/16IN REMAIN) FULL WIDTH FOR RIGHT STIFFENER SECTION LOSS TO BOTTOM 3IN. (PAR)	(UP TO 27%, 1/4 2FT L. AT NEAI (AVG. 1/4IN REI	IN SL, R END & MAIN)	4	2	2	2 Feet
107	Corrosion	MINOR SURFACE CORROSION THE BOTTOM 1/3 OF WEB	ROUGHOUT FLA	NGES &	2	43		Feet
107	Corrosion	REPAIR PLATE (3/4IN) TO WEB (16I SIDE	N X FULL HT.) A	T LEFT	1			Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & THROUGHOUT	PEELING		4	180	180) Square Feet
-	General Comments							

Span 4

Beam 2

Plate Girder

Elen Num	nent 1ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Op	ben Girder/Beam	46	1	44	1	0 Feet
515	Steel Pr	otective Coating	449	269	0	0	180 Square Feet
Elemen Number	t Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty
107	Corrosion	BOTTOM FLANGE SECTION LOSS (UF 13/16IN REMAIN) FULL W. FOR 1FT L. STIFFENER SECTION LOSS (AVG. 1/4 BOTTOM 2IN.	P TO 13%, 1/8 AT NEAR EN HN REMAIN) ⁻	IN SL, D & LEFT TO	3	1	1 Feet
107	Corrosion	MINOR SURFACE CORROSION THRO BOTTOM 1/3 OF WEB	UGHOUT FLA	NGES &	2	44	Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PE THROUGHOUT	ELING		4	180	180 Square Feet
(General Comments						

Span 4

Beam 3

Plate Girder

Eler Nun	nent nber	Chaol One	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Ope	in Girder/Beam	40	0	40	0	0 F	eet
515		Steel Prot	ective Coating	449	269	0	0	180 S	quare Feet
Elemen Numbe	r Defect	Туре	Defect Description			CS	CS Qty	Maint Qty	
107	Corrosion		MINOR SURFACE CORROSION THROUG BOTTOM 1/3 OF WEB	HOUT FLA	ANGES &	2	44		Feet
107	Corrosion		MODERATE SCALE & CORROSION (UP T HT.) THROUGHOUT NEAR END, NO MEAS SECTION LOSS	O 2FT L. > SUREABL	K FULL E	2	2		Feet
515	Effectiveness Protective Co	s (Steel patings)	PC LOSS AT CORRODED AREAS & PEEL THROUGHOUT	ING		4	180	180	Square Feet

General Comments

Span 4

Beam 4

Plate Girder

Elen Nun	nent 1ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Op	en Girder/Beam	46	0	46	0	0 Feet
515	Steel Pro	ptective Coating	449	269	0	0	180 Square Feet
Elemen Numbei	t Defect Type	Defect Description	า		CS	CS Qty	Maint Qty
107	Corrosion	MINOR SURFACE CORROSION THROU BOTTOM 1/3 OF WEB	JGHOUT FLA	NGES &	2	44	Feet
107	Corrosion	MODERATE SCALE & CORROSION (UF HT.) THROUGHOUT NEAR END, NO ME SECTION LOSS	P TO 2FT L. X EASUREABLI	(FULL E	2	2	Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PE THROUGHOUT	ELING		4	180	180 Square Feet
-	General Comments						

Span 4

Beam 5

Beam 6

Plate Girder

Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Op	ben Girder/Beam	46	0	46	0	0 Feet
515	Steel Pr	otective Coating	449	269	0	0	180 Square Feet
Elemen Number	t Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty
107	Corrosion	MINOR SURFACE CORROSION THR BOTTOM 1/3 OF WEB	OUGHOUT FLA	NGES &	2	44	Feet
107	Corrosion	MODERATE SCALE & CORROSION (HT.) THROUGHOUT NEAR END, NO SECTION LOSS	UP TO 2FT L. X MEASUREABLE	〔FULL ∃	2	2	Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & F THROUGHOUT	PEELING		4	180	180 Square Feet

General Comments

Plate Girder

Span 4

Eler Nur	nent nber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	S	teel Open Girder/Beam		46	0	46	0	0 F	eet
515	S	teel Protective Coating		449	269	0	0	180 S	Square Feet
Elemen Numbe	r Defect Ty	ре	Defect Description			CS	CS Qty	Maint Qty	
107	Corrosion	MINOR SURFACE BOTTOM 1/3 OF	CORROSION THROUG	HOUT FLA	NGES &	2	44		Feet
107	Corrosion	MODERATE SCA HT.) THROUGHO SECTION LOSS	E & CORROSION (UP T JT NEAR END, NO MEA	TO 2FT L. X SUREABLI	(FULL E	2	2		Feet
515	Effectiveness (S Protective Coat	Steel PC LOSS AT COP ings) THROUGHOUT	RODED AREAS & PEEL	ING		4	180	180	Square Feet

General Comments

Beam 7

Plate Girder

Span 4

Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	ben Girder/Beam	46	0	45	0	1 Fe	eet
515	Steel Pr	otective Coating	449	269	0	0	180 Se	quare Feet
Elemen Numbe	t Defect Type	Defect Description			CS	CS Qty	Maint Qty	
107	Corrosion	WEB SECTION LOSS (UP TO 1/4IN SL, A TO TOP, 5IN H. FOR 8IN L. AT NEAR EN	AVG. 3/8IN D. (PAR)	REMAIN)	4	1	1	Feet
107	Corrosion	MINOR SURFACE CORROSION THROUG BOTTOM 1/3 OF WEB	GHOUT FLA	ANGES &	2	44		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UP HT.) THROUGHOUT NEAR END, NO ME SECTION LOSS	TO 2FT L. > ASUREABL	K FULL E	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEE THROUGHOUT	LING		4	180	180	Square Feet
-	General Comments							

Span 4

Beam 8

Plate Girder

Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	ben Girder/Beam	46	0	45	1	0 F	eet
515	Steel Pr	otective Coating	449	269	0	0	180 S	Square Feet
Elemen Numbei	t Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
107	Corrosion	WEB SECTION LOSS (UP TO 100%, A TOP, 4IN L. X 1IN H.) AT NEAR END V (3/4IN) AT RIGHT SIDE, PLATE DOES OF WEB (PAR)	VG. 1/8IN REI VITH REPAIR I NOT COVER	MAIN) TO PLATE FULL HT.	3	1	1	Feet
107	Corrosion	MINOR SURFACE CORROSION THRO BOTTOM 1/3 OF WEB	OUGHOUT FLA	NGES &	2	44		Feet
107	Corrosion	MODERATE SCALE & CORROSION (U HT.) THROUGHOUT NEAR END, NO M SECTION LOSS	JP TO 2FT L. X IEASUREABLI	(FULL E	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & P THROUGHOUT	EELING		4	180	180	Square Feet
	General Comments							

Span 4

Beam 9

Plate Girder

Elen Nun 107	nent nber Steel O	Element Name	Total Qty 46	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	- eet
					10	,		
515	Steel Pi	rotective Coating	449	269	0	0	180 \$	Square Feet
Elemen Number	t Defect Type	Defect Description	ı		CS	CS Qty	Maint Qty	
107	Corrosion	BOTTOM FLANGE SECTION LOSS (UP 3/4IN REMAIN) FULL W. FOR 8IN L. AT	TO 20%, 3/1 NEAR END	6IN SL,	3	1	1	Feet
107	Corrosion	MINOR SURFACE CORROSION THROL BOTTOM 1/3 OF WEB	JGHOUT FLA	ANGES &	2	44		Feet
107	Corrosion	MODERATE SCALE & CORROSION (UF HT.) THROUGHOUT NEAR END, NO ME SECTION LOSS	P TO 2FT L. > EASUREABL	(FULL E	2			Feet
107	Corrosion	WEB SECTION LOSS (UP TO 100%, AV TOP, 4IN L. FOR 2IN H. AT NEAR END (3/4IN X FULL HT.) AT LEFT SIDE. A R BEEN INSTALLED.	'G. 1/8IN REI WITH REPAI EPAIR PLAT	MAIN) TO R PLATE E HAS	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PE THROUGHOUT	ELING		4	180	180	Square Feet

General Comments

Beam 10

Plate Girder

Span 4

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel C	Dpen Girder/Beam	46	0	45	1	0 Feet
515	Steel F	Protective Coating	449	269	0	0	180 Square Feet
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty
107	Corrosion	BOTTOM FLANGE SECTION LOSS (UI 3/4IN REMAIN) FULL W. FOR 8IN L. AT	P TO 20%, 3/1 [NEAR END.	6IN SL,	3	1	1 Feet
107	Corrosion	MINOR SURFACE CORROSION THRC BOTTOM 1/3 OF WEB	UGHOUT FLA	NGES &	2	44	Feet

Structure	Number: 780001			Insp	ection Da	ate: 01/24/2022
107	Corrosion	MODERATE SCALE & CORROSION (UP TO 2FT L. X FULL HT.) THROUGHOUT NEAR END, NO MEASUREABLE SECTION LOSS	2	1		Feet
107	Corrosion	REPAIR PLATES (3/4IN X 16IN L. X FULL HT.) TO RIGHT SIDE OF WEB AT NEAR END	1			Feet
515	Effectiveness (Steel Protective Coatings)	PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT	4	180	180	Square Feet
	a 1 a 4					

General Comments

Spa	n 4	Near Beari	ng					
Othe	er Bearing							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel Pr	rotective Coating	1	0	0	0	1	Square Feet
Elemen Number	t r Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & THROUGHOUT	CORROSION		3	1	1	1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARI	NG		4	1	1	1 Square Feet
	General Comments							

Spa	n 4	Far Bearing						
Othe	er Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel Pr	rotective Coating	1	0	0	0	1	Square Feet
Elemen Number	t r Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & (THROUGHOUT	CORROSION		3	1		I Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARIN	G		4	1		Square Feet
-	General Comments							

Spa	n 4	Near Bearin	g					
Othe	er Bearing							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel Pr	rotective Coating	1	0	0	0	1	Square Feet
Element Number	t Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & (THROUGHOUT	CORROSION		3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	3		4	1	1	Square Feet
Ī	General Comments							

Far Bearing

Span 4 Other Bearing

	-							
Elen Num	nent Iber	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	0	1	Square Feet
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & COP THROUGHOUT	RROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1		1 Square Feet
ī	General Comments							

Span 4

Near Bearing

Other Bearing

Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0 E	ach
515	Steel Pr	otective Coating	1	0	0	0	1 S	quare Feet
Element Number	t Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & CO THROUGHOUT	RROSION		3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1	1	Square Feet
(General Comments							

Span 4

Far Bearing

Other Bearing

Elem Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other	Bearings	1	0	1	0	0	Each
515	Steel	Protective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Def	ect Description		CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE	SCALE & CORROSION		2	1		Each

4

1

1 Square Feet

515 Effectiveness (Steel PC LOSS THROUGHOUT BEARING Protective Coatings)

General Comments

Near Bearing

Other Bearing

Span 4

	0								
Elen Num	nent Iber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other	Bearings		1	0	0	1	0	Each
515	Steel F	Protective Coating		1	0	0	0	1	Square Feet
Element Number	Defect Type		Defect Description			CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEA THROUGHOUT	AVY SCALE & CORROS	SION		3	1		1 Each

515 Effectiveness (Steel PC LOSS THROUGHOUT BEARING Protective Coatings)

General Comments

-										
Spa	n 4			Far Bearing						
Oth	er Bearing									
Eler	ment				Total	CS1	CS2	CS3	CS4	
Nun	nber	Other Be	Element Name		Qty	Qty	Qty 1	Qty	Qty	Fach
510					1	0	1	0	0	
515		Steel Pro	tective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	t r Defect	Туре		Defect Description	n		CS	CS Qty	Maint Qty	
316	Corrosion		MINOR TO MODER THROUGHOUT	ATE SCALE & COR	ROSION		2	1		Each
515	Effectiveness Protective Co	(Steel atings)	PC LOSS THROUG	HOUT BEARING			4	1		Square Feet
_	General Com	nents								
Spa	n 4			Near Bearing						
Oth	er Bearing									
Eler Nun	nent nber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	arings		1	0	0	1	0	Each
515		Steel Pro	tective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	t r Defect	Туре		Defect Description	n		cs	CS Qty	Maint Qty	
316	Corrosion		MODERATE TO HE	AVY SCALE & CORI	ROSION		3	1		I Each
515	Effectiveness Protective Co	(Steel atings)	PC LOSS THROUG	HOUT BEARING			4	1		Square Feet
-	General Com	nents								
Spa	n 4			Far Bearing						
Oth	er Bearing			Ū						
Eler	nent		Element Name		Total	CS1	CS2	CS3	CS4	
316		Other Be	arings		ury 1	0	1	0	0	Each
515		Steel Pro	tective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	t r Defect	Туре		Defect Description	n		CS	CS Qty	Maint Qtv	
316	Corrosion		MINOR TO MODER	ATE SCALE & CORI	ROSION		2	1	⊸- y	Each
515	Effectiveness Protective Co	(Steel atings)	PC LOSS THROUG	HOUT BEARING			4	1		Square Feet

General Comments

4 1

1 Square Feet

Near Bearing

Span 4 Other Bearing

	U							
Elerr Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description	'n		CS	CS Qty	Maint Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & COR THROUGHOUT	ROSION		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1		1 Square Feet
ī	General Comments							

Span 4

Far Bearing

Other Bearing

Ele Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bo	earings	1	0	1	0	0 E	ach
515	Steel Pr	otective Coating	1	0	0	0	1 S	quare Feet
Elemer Numbe	nt Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CO THROUGHOUT	RROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1	1	Square Feet
	General Comments							

Span 4

Near Bearing

Other Bearing

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

Number	Defect Type	Defect Description	CS	CS Qty	Qty	
316	Corrosion	MODERATE TO HEAVY SCALE & CORROSION THROUGHOUT	3	1	1	Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING	4	1	1	Square Feet
(General Comments					

Span 4

Far Bearing

Other Bearing

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
316	Othe	er Bearings	1	0	1	0	0	Each
515	Stee	el Protective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	D	efect Description		CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERAT	E SCALE & CORROSION		2	1	-	Each

515 Effectiveness (Steel PC LOSS THROUGHOUT BEARING Protective Coatings)

General Comments

Spa	n 4			Near Bearing						
Oth	er Bearing									
Eler Nun 316	nent nber	Other Be	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0	Each
515		Steel Pro	tective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	t r Defect	Туре		Defect Description	1		CS	CS Qty	Maint Qty	
316	Corrosion		MODERATE TO HE THROUGHOUT	AVY SCALE & CORF	ROSION		3	1	1	Each
515	Effectiveness Protective Co	s (Steel batings)	PC LOSS THROUG	HOUT BEARING			4	1	1	Square Feet
-	General Com	ments								
Spa	n 4			Far Bearing						
Oth	er Bearing									
Eler Nur 316	nent nber	Other Be	Element Name arings		Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	Each
515		Steel Pro	tective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	t r Defect	Туре		Defect Description	1		CS	CS Qty	Maint Qtv	
316	Corrosion		MINOR TO MODER THROUGHOUT	ATE SCALE & CORF	OSION		2	1		Each
515	Effectiveness Protective Co	s (Steel batings)	PC LOSS THROUG	HOUT BEARING			4	1	1	Square Feet
-	General Com	ments								
Spa	n 4			Near Bearing						
Oth	er Bearing									
Eler Nun 316	nent nber	Other Be	Element Name		Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Each
515		Steel Pro	tective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	t r Defect	Туре		Defect Description	1		CS	CS Qty	Maint Qtv	
316	Corrosion		MODERATE TO HE	AVY SCALE & CORF	ROSION		3	1		Each
515	Effectiveness	(Steel	PC LOSS THROUG	HOUT BEARING			4	1	1	Square Feet

General Comments

1

4

1 Square Feet

Far Bearing

Span 4 Other Bearing

	-							
Elen Num	nent Iber	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	0	1	Square Feet
Element Number	t Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
316	Corrosion	MINOR TO MODERATE SCALE & CON THROUGHOUT	RROSION		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PC LOSS THROUGHOUT BEARING			4	1		1 Square Feet
ī	General Comments							

Span 4

Near Bearing

Other Bearing

CS4 Element Total CS1 CS2 CS3 **Element Name** Number Qty Qty Qty Qty Qty 316 Other Bearings 1 0 0 1 0 Each 515 Steel Protective Coating 0 0 0 1 Square Feet 1 Element Maint **Defect Type Defect Description** CS CS Qty Number Qty MODERATE TO HEAVY SCALE & CORROSION 316 Corrosion 3 1 1 Each THROUGHOUT 515 Effectiveness (Steel PC LOSS THROUGHOUT BEARING 4 1 1 Square Feet Protective Coatings) **General Comments**

Span 4

Far Bearing

Other Bearing

Elem Num	ent ber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
316	Other I	Bearings		1	0	0	1	0	Each
515	Steel F	Protective Coating		1	0	0	0	1	Square Feet
Element Number	Defect Type		Defect Description			CS	CS Qty	Maint Qty	
216	Corrosion		ATE SCALE & COPPOS			2	1		1 Each

Span 4

Expansion Joint 4

Compression Seal

Elen Num 302	nent Iber Compre	Element Name ession Joint Seal	Total Qty 82	CS1 Qty 0	CS2 Qty 82	CS3 Qty 0	CS4 Qty 0 Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
302	Adjacent Deck or Header	INTERMITTENT PATCHING, (UP TO 2FT L THROUGHOUT HEADERS	X 30FT W.)		2	78	Feet
302	Debris Impaction	DEBRIS IMPACTION FULL L.			2	4	Feet

General Comments

End	Bent 1	Cap 1						
Reir	nforced Concrete	Pier Cap						
Elen Nun 234	nent nber Reinfor	Element Name ced Concrete Pier Cap	Total Qty 90	CS1 Qty 0	CS2 Qty 0	CS3 Qty 90	CS4 Qty 0 Feet	
Elemen Number	t r Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	(RC and INTERMITTENT VERTICAL & HORIZONTAL HAIRLINE TO 1/32IN CRACKING (UP TO FULL HT.) THROUGHOUT & (X2) HORIZONTAL OPEN CRACK (UP TO 1/8IN X 12IN L.) AT BASE OF END POST AT LEFT END, RIGHT END SIMILAR			3	87	90 Feet	
234	Exposed Rebar	SPALL (10IN X 5IN X 1IN) WITH EXPO FAR FACE AT BEAM 4 & DELAM (1S BEAM 5 & SPALL (10IN X 6IN X 1IN) REBAR, FAR FACE AT BEAM 7. UP 1 REMAINING IN THE EXPOSED REBA	DSED REINFOR F) FAR FACE L WITH EXPOSEI FO 90% SECTIC .R.	CING, INDER D DN	3	3	3 Feet	

General Comments

Bent 1

|--|

Reinforced Concrete Pier Cap

Elem Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	81	0	0	81	0 F	eet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	VERTICAL & HORIZONTAL OPEN CRACH X FULL HT.) WITH EFFLO. & RUST STAIN HORIZONTAL OPEN CRACKING (UP TO WITH EFFLO. & RUST STAINING, NEAR I END	KING (UP TO NING & VER 1/16IN X FU FACE AT RI	D 1/16IN TICAL & ILL HT.) GHT	3	10	30	Feet
234	Delamination/Spall	SPALL UP TO 18 IN LONG X 3 IN HIGH X NEAR FACE BELOW BEAM 10. NO EXPO NOT UNDERMINING THE MASONARY PI	(4 IN DEEP OSED REB# LATE	in Ar and	3	2	2	Feet
234	Exposed Rebar	DELAM (16SF) TO TOP & BOTTOM EDG UNDER BEARING), NEAR FACE AT BAY SIMILAR & DELAM (5SF) NEAR FACE AI DELAM (16SF) TO TOP & BOTTOM EDG UNDER BEARING). UP TO 80% SECTION THE EXPOSED REBAR. SPALL UNDER I SQ FT. (PAR)	E (DELAM N ' 4, FAR FAG BOVE COLU E (DELAM N N REMAININ BAY 4 IS UF	NOT CE JMN 3 & NOT IG ON P TO 4	3	47	70	Feet
234	Exposed Rebar	SPALL (2FT L. X 1FT H. X 8IN D.) WITH E REINFORCING WITH UP TO 80% SECTIO BOTTOM EDGE TO THE LEFT OF COLU UNDER BEAM 7 & DELAM (16SF) WITH IN WIDE TO TOP & BOTTOM EDGE (DEL BEARING) WITH RUST STAINING, NEAR FAR FACE SIMILAR & DELAM (16SF) TO EDGE (DELAM NOT UNDER BEARING) N STAINING, FAR FACE AT BAY 6 & DELA EDGE (DELAM NOT UNDER BEARING), COLUMN 1	EXPOSED ON REMAIN MN 4, NEAF CRACK UP AM NOT UI A FACE AT I O TOP & BO WITH RUST M (12SF) T FAR FACE	ING TO R FACE TO ONE NDER BAY 8, TTOM O TOP OVER	3	16	25	Feet
234	Exposed Rebar	SPALL (7FT L. X 1FT WEST. X 4IN D.) WI REINFORCING TO TOP EDGE, FAR FAC 90% SECTION REMAINING IN THE EXPO - COULD NOT ACCESS WITH LADDER D OF LIVE TRAFFIC AT FAR FACE OF BEN	ITH EXPOSI E AT BAY 9 DSED REBA DUE TO PRO NT.	ed). Up to .R (par) DXIMITY	3	6	6	Feet
234	Patched Area	DELAMINATED PATCH (2SF) TO TOP EI BEAM 1, NEAR FACE LEFT END	DGE RIGHT	OF	3		2	Feet
234	Patched Area	PATCH (10FT L. X FULL WIDTH AND UP WITH DELAM (3FT L. X FULL WIDTH) AT PATCH, NEAR FACE ABOVE COLUMN 2	TO 18 IN H RIGHT EN	igh) D of	3		10	Feet

General Comments

Dont 1									
Bent 1			File 1						
Reinfo	rced Concrete	Column							
Elemen	nt			Total	CS1	CS2	CS3	CS4	
Numbe	r	Element Name		Qty	Qty	Qty	Qty	Qty	
205	Reinford	ced Concrete Column		1	0	0	1	0 Each	
Flement								Maint	
Number	Defect Type		Defect Description	on		CS	CS Qty	Qty	
205 De	elamination/Spall	DELAM (3SF) TO F	AR RIGHT CORNE	R AT BOTTOM		3	1	3 Ea	ch
Ger	neral Comments								
Bent 1			Pile 2						
Poinfo	read Concrete	Column							
Keimo		Column							
Elemen	nt 	Element News		Total	CS1	CS2	CS3	CS4	
205	Reinfor			Qty 1	∩		Qty ∩	UTY 0 Fach	
200	INGINION				0	I	0		
Element	Defect Type		Defect Description	on		cs	CS Qtv	Maint	
205	acking (RC and	PARTIALLY SEALE) 1/32IN X FULL	HT.)	2	, 1	uty Fa	ch
Ot	her)	THROUGHOUT			,	-	•	Eu	
Ger	neral Comments								
Bent 1 Pile 3									
Dent		•							
Reinfo	rced Concrete	Column							
Elemen	nt	-		Total	CS1	CS2	CS3	CS4	
Numbe	er Deleter	Element Name		Qty	Qty	Qty	Qty	Qty	
205	Reinford	ced Concrete Column		1	0	1	0	0 Each	
Element	Defect Type		Defect Description	n .		20	CS Otv	Maint	
Number						03		Qty	ah
∠u 5 Cr Ot	her)	THROUGHOUT	U UKAUNO, (UP IC	J I/JZIIN A FULL	_ (1 . 1 .)	2	Т	⊨a	UTI
Ger	neral Comments								
Rent 1			Pile 4						
Dent									
Reinfo	rced Concrete	Column							
Elemen	nt			Total	CS1	CS2	CS3	CS4	
Numbe	er in the second s	Element Name		Qty	Qty	Qty	Qty	Qty	
205	Reinford	ced Concrete Column		1	0	1	0	0 Each	
Element	Defect Type		Defect Description			<u></u>	CS 04v	Maint	
Number						03		Qty	ah
205 Cr Ot	acking (RC and ther)	THROUGHOUT	D CRACKS, (UP TO) 1/32IN X FULL	_ HI.)	2	1	Ea	cn
Ger	neral Comments								

Bent 1

Reinforced Concrete Column

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
205	Reinfor	ced Concrete Column	1	0	1	0	0 Each
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty
205	Cracking (RC and Other)	PARTIALLY SEALED CRACKS, (UP TO THROUGHOUT	D 1/32IN X FUL	L HT.)	2	1	Each

General Comments

End Bent 1

Abutment

Pile 5

Reinforced Concrete Abutment

Eler Nun	nent nber	Element Name		Total CS1 Qty Qty			CS4 Qty	
215	Reinfor	ced Concrete Abutment	84	0	80	4	0 Fe	eet
Elemen Numbe	t Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
215	Delamination/Spall	amination/Spall DELAM (1SF) TO BACKWALL LEFT OF BEAM 7 & DELAM (3SF) TO BACKWALL IN BAY 3			3	4	4	Feet
215	Cracking (RC and Other)	HORIZONTAL HAIRLINE CRACK THROUGHOUT BACKWALL	ING (UP TO 5FT L.)		2	80		Feet
-	General Comments							

Bent 2

Cap 1

Reinforced Concrete Pier Cap

Elerr Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	81	22	0	45	14 Fe	eet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
234	Exposed Rebar	SPALLING (14FT L. X 3FT WEST. X 6IN D. REINFORCING, TO BOTTOM EDGE & UNI BEAM 2, FAR FACE. UP TO 80% SECTION THE EXPOSED REBAR (PAR)) WITH EX DERSIDE / I REMAIN	POSED At Ing In	4	14	14	Feet
234	Cracking (RC and Other)	PARTIALLY SEALED VERTICAL & HORIZC 1/16IN CRACKING (UP TO FULL W. X FULI THROUGHOUT LEFT END, NEAR FACE	NTAL 1/32 _ H.)	2IN TO	3	12	30	Feet
234	Delamination/Spall	DELAM (12SF) TO TOP & BOTTOM EDGE UNDER BEARING), NEAR FACE AT BEAM TO BOTTOM EDGE & HAIRLINE MAP CRA FACE AT BAY 4 &	(DELAM N 7 & DELA CKING TC	OT M (10SF)) FAR	3	22	22	Feet
234	Delamination/Spall	SPALLING/DELAM (10SF X 4IN D.) WITH E REINFORCING TO BOTTOM EDGE, NEAR (PAR)	XPOSED FACE AT	BAY 4.	3	10	10	Feet
234	Patched Area	POOR PATCH (3SF) WITH OPEN 1/32IN M. WITH RUST STAINING & EFFLO. THROUG END	AP CRACI HOUT, RI	KING GHT	3	1	3	Feet

General Comments

St

tructure	Number:	780001						In	spection [Date: 01/24/2
Ber	nt 2			Pile 1						
Rei	nforced	d Concrete	Column							
Ele Nui 205	ment mber	Reinfo	Element Name rced Concrete Column		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0	Each
Elemer	nt D	efect Type		Defect Description			20	CS Otv	Maint	
Numbe	Pr Delami	nation/Spall	DELAM (10SE) TO F	AR RIGHT CORNER	AT BOTTOM	1	3	1	Qty 10	Fach
	General	Comments								
Ber	nt 2			Pile 2						
Rei	nforced	d Concrete	Column							
Ele	ment				Total	CS1	CS2	CS3	CS4	
Nu	mber		Element Name		Qty	Qty	Qty	Qty	Qty	
205		Reinfo	rced Concrete Column		1	0	1	0	0 1	Each
Elemer	nt De	efect Type		Defect Description			CS	CS Qtv	Maint	
205	Crackin	ig (RC and	PARTIALLY SEALED	CRACKS, (UP TO 1/	32IN X FULL	_ HT.)	2	1	Qty	Each
	Other)	Comments	THROUGHOUT							
	General	Comments								
Ber	nt 2			Pile 3						
Roi	nforcer	1 Concrete	Column							
	morce		Column		Tatal	004	000	000	004	
Ele Nu	ment mber		Element Name		Qty	Qty	Qty	Qty	Qty	
205		Reinfo	rced Concrete Column		1	0	1	0	0 1	Each
Elemer	nt D	efect Type		Defect Description			20	CS Otv	Maint	
Numbe 205	er Crackin	a (RC and	PARTIALLY SEALED	Delect Description	32IN X FULL	_ HT.)	2	1	Qty	Each
	Other)	0	THROUGHOUT	, (,				
	General	Comments								
-				511 4						
Ber	nt 2			Plie 4						
Rei	nforced	d Concrete	e Column							
Ele	ment		Element Name		Total	CS1	CS2	CS3	CS4	
205	linger	Reinfo	rced Concrete Column		1	0	1	0	0	Each
Flomor	nt								Maint	
Numbe	er Do	efect Type		Defect Description			CS	CS Qty	Qty	
205	Crackin Other)	ig (RC and	PARTIALLY SEALED THROUGHOUT	D CRACKS, (UP TO 1/	32IN X FULL	_ HT.)	2	1		Each
	General	Comments								

Pile 5 **Reinforced Concrete Column** CS1 Qty CS4 Qty Element Number Total CS2 CS3 **Element Name** Qty Qty Qty 205 Reinforced Concrete Column 0 1 0 0 Each 1 Maint Qty Element **Defect Description** CS Number

Defect Type

205

PARTIALLY SEALED CRACKS, (UP TO 1/32IN X FULL HT.) THROUGHOUT

2

Cracking (RC and Other) General Comments

End Bent 2

Cap 1

Reinforced Concrete Pier Cap

Elen Num	nent Iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	90	0	0	90	0 F	eet
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	HORIZONTAL 1/16IN CRACKING EFFLO. & RUST STAINING THRO	(UP TO FULL L.) W UGHOUT	ІТН	3	84	84	Feet
234	Delamination/Spall	End Bent 2 Cap 1: SPALL (8IN X & EXPOSED REINFORCING (UP TO REMAINING IN THE EXPOSED RE BEAM 3 & SPALLING/DELAM (5F NO EXPOSED REINFORCING, FA RIGHT END.	BIN X 1.5IN) WITH 90% SECTION EBAR), FAR FACE / T L. X 6IN WIDE X 2 R FACE TOP EDGE	AT 2IN D.) E AT	3	6	6	Feet

General Comments

End	Bent 2	Abutment						
Rein	forced Concrete	Abutment						
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinfor	ced Concrete Abutment	84	3	78	3	0 F	eet
Element Number	t Defect Type	Defect Descript	tion		CS	CS Qty	Maint Qty	
215	Exposed Rebar	SPALL (30IN L. X 9IN H. X 3IN D.) WI REINFORCING TO BOTTOM OF BAC BEAM 7. REBAR IS DEBONDED FOF SPALL AND HAS UP TO 90% SECTION EXPOSED REBAR. (PAR)	ITH EXPOSED CKWALL RIGHT (R FULL LENGTH ON REMAINING I	OF OF N THE	3	3	3	Feet
215	Cracking (RC and Other)	HORIZONTAL HAIRLINE CRACKING THROUGHOUT BACKWALL	(UP TO 5FT L.)		2	78		Feet
-	General Comments							

Bent 3

Cap 1

Reinforced Concrete Pier Cap

Elerr Num	lent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfor	ced Concrete Pier Cap	81	9	0	72	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	HAIRLINE TO 1/32IN MAP CRACKING WI END NEAR FACE, RIGHT END SIMILAR (UP TO 1/16IN X 10FT L. X FULL HT.) TH FACE ABOVE COLUMN 1	ITH EFFLO. & MAP CRA ROUGHOU ⁻	, LEFT CKING T FAR	3	22	34 Feet	
234	Delamination/Spall	DELAM (14SF) TO BOTTOM EDGE, NEA SIMILAR AT FAR FACE & DELAM (8SF) BELOW BEAM 6 (DEALM NOT UNDER B (8SF) TO NEAR FACE BELOW BEAM 8 (UNDER BEARING) & DELAM (8SF) TO B NEAR FACE UNDER BEAM 9. & DELAM EDGE, FAR FACE BELOW BEAM 3	R FACE AT TO NEAR F. EARING) & DEALM NO OTTOM EDO (8SF) TO BO	BAY 2, ACE DELAM T GE, DTTOM	3	46	46 Feet	
234	Exposed Rebar	SPALL (10SF X 4IN D.) WITH EXPOSED UNDERSIDE AT BAY 4. UP TO 80% SEC THE EXPOSED BAR. (PAR)	REINFORC	ING, AINING IN	3	4	4 Feet	

General Comments

Ben	t 3	Pile 5						
Reir	nforced Concrete	Column						
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinford	ced Concrete Column	1	0	0	1	0 1	Each
Elemen Numbe	t r Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
205	Delamination/Spall	DELAM TO ALL CORNERS FOF FT HIGH X 4 IN WIDE X 3.5 IN D RIGHT CORNER	R UP TO 6 FT HIGH V EEP SPALL TO THE	VITH 2 FAR	3		12	Each
205	Exposed Rebar	SPALL (7.5FT H. X 12N WIDE X REINFORCING, TO NEAR LEFT TO 90% SECTION REMAINING (PAR)	3IN D.) WITH EXPOS CORNER AT BOTTO IN THE EXPOSED RI	Sed DM. UP Ebar.	3	1	5	Each

General Comments

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	4095
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 9	Plate Girder	Steel Open Girder/Beam	52
Span 1	Beam 10	Plate Girder	Steel Open Girder/Beam	52
Span 1	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	53
Span 1	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	53
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far 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	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	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	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	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	5343
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 9	Plate Girder	Steel Open Girder/Beam	69
Span 2	Beam 10	Plate Girder	Steel Open Girder/Beam	69
Span 2	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	69

Location	Name	Component	Element Name	Amount
Span 2	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	69
Span 2	Expansion Joint 2	Compression Seal	Compression Joint Seal	82
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	5343
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 6	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 7	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 8	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 9	Plate Girder	Steel Open Girder/Beam	69
Span 3	Beam 10	Plate Girder	Steel Open Girder/Beam	69
Span 3	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	69
Span 3	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	69
Span 3	Expansion Joint 3	Compression Seal	Compression Joint Seal	82
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	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	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	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	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 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3588
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 5	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 6	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 7	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 8	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 9	Plate Girder	Steel Open Girder/Beam	46
Span 4	Beam 10	Plate Girder	Steel Open Girder/Beam	46
Span 4	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	46
Span 4	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	46
Span 4	Expansion Joint 4	Compression Seal	Compression Joint Seal	82
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Near Bearing	Other Bearing	Other Bearings	1
Span 4	Far Bearing	Other Bearing	Other Bearings	1

Location	Name	Component	Element Name	Amount
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	81
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 5	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	90
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	84
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	81
Bent 2	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 5	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	90
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	84
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	81
Bent 3	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 4	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 5	Reinforced Concrete Column	Reinforced Concrete Column	1

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 780001

Inspection Date: 01/24/2022

National Bridge Inventory Items

Item	Grade Scale	Grade	
Item 58: Deck	0 - 9 , N	4	Note:
Item 59: Superstructure	0 - 9 , N	4	Items
Item 60: Substructure	0 - 9 , N	4	
Item 61: Channel and Channel Protection	0 - 9 , N	N	see co
Item 62: Culvert	0 - 9 , N	N	
Item 71: Waterway Adequacy	0 - 9 , N	N	
Item 72: Approach Roadway Alignment	0 - 9 , N	8	

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

or overall NBI coding grade, ee cover sheet.

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	G	0	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C	F		
Slope Protection	G, F, P, or C	F	10	3352
Scour	G, F, P, or C			
Wingwall	G, F, P, or C	F	5	3350
Field Scour Evaluation				
Drift	G, F, P, or C		0	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	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	0
Snooper Time	Hours	0
Ladder Used	YES/NO	Y
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N
Portion of Structure in > 3' of water	YES/NO	N

National Bridge and NC SMU Inspection Item Details

Item Deck - Item 58 Grade 4 Maint Code Qty. 0 Details DECK IS RETAINED IN POOR CONDITION DUE TO AREAS OF DELAMINATED CONCRETE AND SPALLS WITH EXPOSED REBAR AND LOSS OF SECTION IN THE EXPOSED REBAR IN ALL SPANS SUPERSTRUCTURE IS RETAINED IN POOR CONDITION DUE TO AREAS OF HEAVY SURFACE CORRISION WITH ADVANCED SECTION LOSS AT BEAM ENDS IN ALL BEAMS Qty. 0 Details SUPERSTRUCTURE IS RETAINED IN POOR CONDITION DUE TO AREAS OF HEAVY SURFACE CORRISION WITH ADVANCED SECTION LOSS AT BEAM ENDS IN ALL BEAMS Grade 4 Maint Code Qty. 0 Details SUPERSTRUCTURE IS RETAINED IN POOR CONDITION DUE TO AREAS OF HEAVY SURFACE CORRISION WITH ADVANCED SECTION LOSS AT BEAM ENDS IN ALL BEAMS Grade 4 Maint Code Qty. 0 Details SUBSTRUCTURE IS RETAINED IN POOR CONDITION DUE TO WIDESPREAD AREAS OF SPALLING WITH EXPOSED REBAR AND SECTION LOSS IN THE EXPOSED REBAR. 0 0 0 Details SUBP Protection Grade F Maint Code 3352 Qty. 10 Details SLOPE PROTECTION DISCONTINUITY IN THE APRON TO THE RIGHT OF BENT 3, AND CAN BE PROBED FOR UIT TO 21 INCHES. UP TO 5.5 FT LONG X 1 FT HIGH 0 0 0 Item Utilities Grade F Maint Code 350 Qty. 5						
Details DECK IS RETAINED IN POOR CONDITION DUE TO AREAS OF DELAMINATED CONCRETE AND SPALLS WITH EXPOSED REBAR AND LOSS OF SECTION IN THE EXPOSED REBAR IN ALL SPANS Item Superstructure - Item 59 Grade 4 Maint Code Qty. 0 Details SUPERSTRUCTURE IS RETAINED IN POOR CONDITION DUE TO AREAS OF HEAVY SURFACE CORRISION WITH ADVANCED SECTION LOSS AT BEAM ENDS IN ALL BEAMS Grade 4 Maint Code Qty. 0 Item Substructure - Item 60 Grade 4 Maint Code Qty. 0 Details SUBSTRUCTURE IS RETAINED IN POOR CONDITION DUE TO WIDESPREAD AREAS OF SPALLING WITH EXPOSED REBAR AND SECTION LOSS IN THE EXPOSED REBAR. Qty. 0 Details SUOPE PROTECTION DISCONTINUITY IN THE APRON TO THE RIGHT OF BENT 3, AND CAN BE PROBED FOR UI TO 21 INCHES. UP TO 5.5 FT LONG X 1 FT HIGH Qty. 0 Item Utilities Grade F Maint Code Qty. 0 Details 15 IN DIAMETER ULITIITY I BAY 1 HAS UP TO 100% CROSION APPROX. 15 FT FROM END BENT 2. SIMILAR AT END BENT 2. 5 IN AND 1SIN DIAMETER UTILITY PIPES IN BAY 1. 9 - 4 IN DIAMETER PVC PIPES IN BAY 1. 9 - 4 IN DIAMETER PVC PIPES IN BAY 1. 9 - 4 IN DIAMETER PVC PIPES IN BAY 9 Qty. 5 Item Wingwalls Grade F Maint Code Qty. 0 0 0	Item	Deck - Item 58	Grade 4	Maint Code	Qty.	0
Item Superstructure - Item 59 Grade 4 Maint Code Qty. 0 Details SUPERSTRUCTURE IS RETAINED IN POOR CONDITION DUE TO AREAS OF HEAVY SURFACE CORRISION WITH ADVANCED SECTION LOSS AT BEAM ENDS IN ALL BEAMS Grade 4 Maint Code Qty. 0 Item Substructure - Item 60 Grade 4 Maint Code Qty. 0 Details SUBSTRUCTURE IS RETAINED IN POOR CONDITION DUE TO WIDESPREAD AREAS OF SPALLING WITH EXPOSED REBAR AND SECTION LOSS IN THE EXPOSED REBAR. Maint Code 3352 Qty. 10 Details SUBSTRUCTURE IS RETAINED IN POOR CONDITION THE EXPOSED REBAR. Grade F Maint Code 3352 Qty. 10 Details SLOPE PROTECTION DISCONTINUITY IN THE APRON TO THE RIGHT OF BENT 3, AND CAN BE PROBED FOR UI TO 21 INCHES. UP TO 5.5 FT LONG X 1 FT HIGH Qty. 0 Item Utilities Grade F Maint Code Qty. 0 Details 15 IN DIAMETER ULITLITY I BAY 1 HAS UP TO 100% CROSION APPROX. 15 FT FROM END BENT 2. SIMILAR AT END BENT 2. SIMILAR AT END BENT 2. SIMILAR AT END BENT 2. 9 - 4 IN DIAMETER VUC PIPES IN BAY 1. 9 - 4 IN DIAMETER VUC PIPES IN BAY 1. 9 - 4 IN DIAMETER VUC PIPES IN BAY 1. 9 - 4 IN DIAMETER VUC PIPES IN BAY 1. 9 - 4 IN DIAMETER VUC PIPES IN BAY 1. 9 - 4 IN DIAME	Details	DECK IS RETAINED IN POOR CONDITION DUE EXPOSED REBAR AND LOSS OF SECTION IN T	TO AREAS OF DELAM THE EXPOSED REBAR	IINATED CONCRETE AN IN ALL SPANS	ID SPAL	LS WITH
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Item Substructure - Item 60 Grade 4 Maint Code Qty. 0 Details SUBSTRUCTURE IS RETAINED IN POOR CONDITION DUE TO WIDESPREAD AREAS OF SPALLING WITH EXPOSED REBAR AND SECTION LOSS IN THE EXPOSED REBAR. WITH Item Slope Protection Grade F Maint Code 3352 Qty. 10 Details SLOPE PROTECTION DISCONTINUITY IN THE APRON TO THE RIGHT OF BENT 3, AND CAN BE PROBED FOR UI TO 21 INCHES. UP TO 5.5 FT LONG X 1 FT HIGH Grade F Maint Code Qty. 0 Details SLOPE PROTECTION DISCONTINUITY IN THE APRON TO THE RIGHT OF BENT 3, AND CAN BE PROBED FOR UI TO 21 INCHES. UP TO 5.5 FT LONG X 1 FT HIGH 0 Item Utilities Grade F Maint Code Qty. 0 Details 15 IN DIAMETER ULITITY I BAY 1 HAS UP TO 100% CROSION APPROX. 15 FT FROM END BENT 2. SIMILAR AT END BENT 2. 5 IN AND 15IN DIAMETER UTILITY PIPES IN BAY 1. 9 - 4 IN DIAMETER VC PIPES IN BAY 9 5 Item Wingwalls Grade F Maint Code 3350 Qty. 5 Details MINOR HAIRLINE MAP CRACKING AT SOUTHEAST WINGWALL. 5 5 Item General Comments and Misc Items Grade Maint Code Qty. 0 0 Details UP TO 6 FT OF IMPACT DAMAGE AT SOUTHEAST GUARDRAIL APPROX. 10	Details	SUPERSTRUCTURE IS RETAINED IN POOR CO ADVANCED SECTION LOSS AT BEAM ENDS IN	ONDITION DUE TO ARE ALL BEAMS	EAS OF HEAVY SURFAC	E CORF	RISION WI
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Item Slope Protection Grade F Maint Code 3352 Qty. 10 Details SLOPE PROTECTION DISCONTINUITY IN THE APRON TO THE RIGHT OF BENT 3, AND CAN BE PROBED FOR UP TO 21 INCHES. UP TO 5.5 FT LONG X 1 FT HIGH Grade F Maint Code Qty. 0 Item Utilities Grade F Maint Code Qty. 0 Details 15 IN DIAMETER ULITLITY I BAY 1 HAS UP TO 100% CROSION APPROX. 15 FT FROM END BENT 2. SIMILAR AT END BENT 2. 5 IN AND 15IN DIAMETER UTILITY PIPES IN BAY 1. 9 - 4 IN DIAMETER PVC PIPES IN BAY 9 5 Item Wingwalls Grade F Maint Code 3350 Qty. 5 Details MINOR HAIRLINE MAP CRACKING AT SOUTHEAST WINGWALL. -	Details	SUBSTRUCTURE IS RETAINED IN POOR CONE EXPOSED REBAR AND SECTION LOSS IN THE	DITION DUE TO WIDES EXPOSED REBAR.	PREAD AREAS OF SPA	LLING W	/ITH
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Item Utilities Grade F Maint Code Qty. 0 Details 5 IN DIAMETER ULITLITY I BAY 1 HAS UP TO 100% CROSION APPROX. 15 FT FROM END BENT 2. SIMILAR AT END BENT 2. 5 IN AND 15IN DIAMETER ULITLITY PIPES IN BAY 1. 5 IN AND 15IN DIAMETER UTILITY PIPES IN BAY 1. 5 - 4 IN DIAMETER PVC PIPES IN BAY 9 5 Item Wingwalls Grade F Maint Code 3350 Qty. 5 Details UP TO 6 FT OF IMPACT DAMAGE AT SOUTHEAST WINGWALL. Grade Maint Code Qty. 0 Details UP TO 6 FT OF IMPACT DAMAGE AT SOUTHEAST GUARDRAIL APPROX. 10 FT FROM BRIDGE AppROACH GUARDRAIL AT NORTHWEST CORNER IS LAPPED INCORRECTLY (PAR) O MODERATE IMPACT DAMAGE TO NORTHWEST GUARDRAIL APPROX. 50 FT FROM BRIDGE FOR 20 FT LONG. INCORECT LAPPING AT SOUTHEAST GUARDRAIL APPROX. 50 FT FROM BRIDGE FOR 20 FT LONG. NEW OVERLAY HAS BEEN POURED FOR UP TO 15 FT LONG IN SPAN 1 STARTING AT END BENT 1. HAS MAP CRACKING UP TO 1/16 IN WIDE SCATTERED THOUGHOUT Starting at END BENT 1. HAS MAP	Details	SLOPE PROTECTION DISCONTINUITY IN THE TO 21 INCHES. UP TO 5.5 FT LONG X 1 FT HIG	APRON TO THE RIGH ⁻ H	F OF BENT 3, AND CAN	BE PRO	BED FOR
Details 15 IN DIAMETER ULITLITY I BAY 1 HAS UP TO 100% CROSION APPROX. 15 FT FROM END BENT 2. SIMILAR AT END BENT 2. S IN AND 15IN DIAMETER UTILITY PIPES IN BAY 1. 9 - 4 IN DIAMETER PVC PIPES IN BAY 9 Item Wingwalls Grade F Maint Code 3350 Qty. 5 Details MINOR HAIRLINE MAP CRACKING AT SOUTHEAST WINGWALL. Item General Comments and Misc Items Grade Maint Code Qty. 0 Details UP TO 6 FT OF IMPACT DAMAGE AT SOUTHEAST GUARDRAIL APPROX. 10 FT FROM BRIDGE APPROACH GUARDRAIL AT NORTHWEST CORNER IS LAPPED INCORRECTLY (PAR) MODERATE IMPACT DAMAGE TO NORTHWEST GUARDRAIL APPROX. 50 FT FROM BRIDGE FOR 20 FT LONG. INCORECT LAPPING AT SOUTHEAST GUARDRAIL APPROX. 50 FT FROM BRIDGE FOR 20 FT LONG. INCORECT LAPPING AT SOUTHEAST GUARDRAIL TRANSITION (PAR) NEW OVERLAY HAS BEEN POURED FOR UP TO 15 FT LONG IN SPAN 1 STARTING AT END BENT 1. HAS MAP CRACKING UP TO 1/16 IN WIDE SCATTERED THOUGHOUT	ltem	Utilities	Grade F	Maint Code	Qty.	0
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9 - 4 IN DIAMETER PVC PIPES IN BAY 9 Item Wingwalls Grade F Maint Code 3350 Qty. 5 Details MINOR HAIRLINE MAP CRACKING AT SOUTHEAST WINGWALL. Maint Code Qty. 0 Item General Comments and Misc Items Grade Maint Code Qty. 0 Details UP TO 6 FT OF IMPACT DAMAGE AT SOUTHEAST GUARDRAIL APPROX. 10 FT FROM BRIDGE APPROACH GUARDRAIL AT NORTHWEST CORNER IS LAPPED INCORRECTLY (PAR) MODERATE IMPACT DAMAGE TO NORTHWEST GUARDRAIL APPROX. 50 FT FROM BRIDGE FOR 20 FT LONG. INCORECT LAPPING AT SOUTHEAST GUARDRAIL TRANSITION (PAR) NEW OVERLAY HAS BEEN POURED FOR UP TO 15 FT LONG IN SPAN 1 STARTING AT END BENT 1. HAS MAP		5 IN AND 15IN DIAMETER UTILITY PIPES IN BA	Y 1.			
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Item General Comments and Misc Items Grade Maint Code Qty. 0 Details UP TO 6 FT OF IMPACT DAMAGE AT SOUTHEAST GUARDRAIL APPROX. 10 FT FROM BRIDGE APPROACH GUARDRAIL AT NORTHWEST CORNER IS LAPPED INCORRECTLY (PAR) MODERATE IMPACT DAMAGE TO NORTHWEST GUARDRAIL APPROX. 50 FT FROM BRIDGE FOR 20 FT LONG. INCORECT LAPPING AT SOUTHEAST GUARDRAIL TRANSITION (PAR) NEW OVERLAY HAS BEEN POURED FOR UP TO 15 FT LONG IN SPAN 1 STARTING AT END BENT 1. HAS MAP CRACKING UP TO 1/16 IN WIDE SCATTERED THOUGHOUT	Item	Wingwalls	Grade F	Maint Code 3350	Qty.	5
Details UP TO 6 FT OF IMPACT DAMAGE AT SOUTHEAST GUARDRAIL APPROX. 10 FT FROM BRIDGE APPROACH GUARDRAIL AT NORTHWEST CORNER IS LAPPED INCORRECTLY (PAR) MODERATE IMPACT DAMAGE TO NORTHWEST GUARDRAIL APPROX. 50 FT FROM BRIDGE FOR 20 FT LONG. INCORECT LAPPING AT SOUTHEAST GUARDRAIL TRANSITION (PAR) NEW OVERLAY HAS BEEN POURED FOR UP TO 15 FT LONG IN SPAN 1 STARTING AT END BENT 1. HAS MAP CRACKING UP TO 1/16 IN WIDE SCATTERED THOUGHOUT	ltem Details	Wingwalls MINOR HAIRLINE MAP CRACKING AT SOUTHE	Grade F AST WINGWALL.	Maint Code 3350	Qty.	5
APPROACH GUARDRAIL AT NORTHWEST CORNER IS LAPPED INCORRECTLY (PAR) MODERATE IMPACT DAMAGE TO NORTHWEST GUARDRAIL APPROX. 50 FT FROM BRIDGE FOR 20 FT LONG. INCORECT LAPPING AT SOUTHEAST GUARDRAIL TRANSITION (PAR) NEW OVERLAY HAS BEEN POURED FOR UP TO 15 FT LONG IN SPAN 1 STARTING AT END BENT 1. HAS MAP CRACKING UP TO 1/16 IN WIDE SCATTERED THOUGHOUT	Item Details Item	Wingwalls MINOR HAIRLINE MAP CRACKING AT SOUTHE General Comments and Misc Items	Grade F AST WINGWALL. Grade	Maint Code 3350 Maint Code	Qty. Qty.	5
MODERATE IMPACT DAMAGE TO NORTHWEST GUARDRAIL APPROX. 50 FT FROM BRIDGE FOR 20 FT LONG. INCORECT LAPPING AT SOUTHEAST GUARDRAIL TRANSITION (PAR) NEW OVERLAY HAS BEEN POURED FOR UP TO 15 FT LONG IN SPAN 1 STARTING AT END BENT 1. HAS MAP CRACKING UP TO 1/16 IN WIDE SCATTERED THOUGHOUT	Item Details Item Details	Wingwalls MINOR HAIRLINE MAP CRACKING AT SOUTHE General Comments and Misc Items UP TO 6 FT OF IMPACT DAMAGE AT SOUTHEA	Grade F AST WINGWALL. Grade IST GUARDRAIL APPI	Maint Code 3350 Maint Code ROX. 10 FT FROM BRIDO	Qty. Qty. GE	5
INCORECT LAPPING AT SOUTHEAST GUARDRAIL TRANSITION (PAR) NEW OVERLAY HAS BEEN POURED FOR UP TO 15 FT LONG IN SPAN 1 STARTING AT END BENT 1. HAS MAP CRACKING UP TO 1/16 IN WIDE SCATTERED THOUGHOUT	Item Details Item Details	Wingwalls MINOR HAIRLINE MAP CRACKING AT SOUTHE General Comments and Misc Items UP TO 6 FT OF IMPACT DAMAGE AT SOUTHEA APPROACH GUARDRAIL AT NORTHWEST COF	Grade F AST WINGWALL. Grade AST GUARDRAIL APPI RNER IS LAPPED INCC	Maint Code 3350 Maint Code ROX. 10 FT FROM BRIDO DRRECTLY (PAR)	Qty. Qty. GE	5
NEW OVERLAY HAS BEEN POURED FOR UP TO 15 FT LONG IN SPAN 1 STARTING AT END BENT 1. HAS MAP CRACKING UP TO 1/16 IN WIDE SCATTERED THOUGHOUT	Item Details Item Details	Wingwalls MINOR HAIRLINE MAP CRACKING AT SOUTHE General Comments and Misc Items UP TO 6 FT OF IMPACT DAMAGE AT SOUTHEA APPROACH GUARDRAIL AT NORTHWEST COF MODERATE IMPACT DAMAGE TO NORTHWES	Grade F AST WINGWALL. Grade AST GUARDRAIL APPI RNER IS LAPPED INCC T GUARDRAIL APPRO	Maint Code 3350 Maint Code ROX. 10 FT FROM BRIDG DRRECTLY (PAR) X. 50 FT FROM BRIDGE	Qty. Qty. GE FOR 20	5 0 FT LONG
	Item Details Item Details	Wingwalls MINOR HAIRLINE MAP CRACKING AT SOUTHE General Comments and Misc Items UP TO 6 FT OF IMPACT DAMAGE AT SOUTHEA APPROACH GUARDRAIL AT NORTHWEST COF MODERATE IMPACT DAMAGE TO NORTHWES INCORECT LAPPING AT SOUTHEAST GUARDR	Grade F AST WINGWALL. Grade AST GUARDRAIL APPI RNER IS LAPPED INCO T GUARDRAIL APPRO RAIL TRANSITION (PAF	Maint Code 3350 Maint Code ROX. 10 FT FROM BRIDO PRRECTLY (PAR) X. 50 FT FROM BRIDGE	Qty. Qty. GE FOR 20	5 0 FT LONG

County: ROCKINGHAM

Date: 01/24/2022

Condition Photos



UP TO 6 FT OF IMPACT DAMAGE AT SOUTHEAST GUARDRAIL APPROX. 10 FT FROM BRIDGE



Span 1 Deck: MEDIAN - SPALL (11FT L. X 8 IN WID X FULL HEIGHT) STARTING 2FT FROM NEAR END, RIGHT SIDE

Date: 01/24/2022

Condition Photos



Span 2 Deck: INTERMITTENT PATCHING (UP TO 50SF) WITH SPALLING (UP TO 12IN X 12IN X 11N) AT PERIMETER OF PATCHING



Span 2 Expansion Joint 2: PATCHING, (UP TO 2FT L. X FULL WIDTH) THROUGHOUT HEADERS

County: ROCKINGHAM

Date: 01/24/2022

Condition Photos



Span 3 Deck: SPALL WITH EXPOSED REBAR UP TO 12 SQ FT IN NORTHBOUND LAND RIGHT SIDE NEAR YELLOW LINE 20 FT FROM BENT 3. UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR. (PAR)



Span 3 Deck: SPALL (16IN X 12IN X 2IN) WITH EXPOSED REINFORCING, RIGHT LANE 3FT FROM FAR END. PATCHED SINCE PREVIOUS INSPECTION - NEW REPAIR

Date: 01/24/2022

Condition Photos



Span 2 Deck: SPALL (14IN X 12IN X 2IN) WITH EXPOSED REINFORCING, RIGHT LANE 16FT FROM FAR END. -PATCHED SINCE PREVIOUS INSPECTION, NEW REPAIR



Span 2 Deck: SPALL (12IN X 10IN X 2IN) WITH EXPOSED REINFORCING, NEAR END RIGHT SIDE OF LEFT LANES. - REPAIRED SINCE PREVIOUS INSPECTION. NEW REPAIR

Structure: 780001

County: ROCKINGHAM

Date: 01/24/2022

Condition Photos



Span 2 Expansion Joint 2: DEBRIS IMPACTION FULL L.



Span 1 Deck: HAIRLINE TO 1/16IN OPEN MAP CRACKING (UP TO FULL WIDTH) THROUGHOUT & WEAR WITH EXPOSED AGGREGATE THROUGHOUT RIGHT LANES

Date: 01/24/2022

Condition Photos



NEW OVERLAY HAS BEEN POURED FOR UP TO 15 FT LONG IN SPAN 1 STARTING AT END BENT 1. HAS MAP CRACKING UP TO 1/16 IN WIDE SCATTERED THOUGHOUT



APPROACH GUARDRAIL AT NORTHWEST CORNER IS LAPPED INCORRECTLY (PAR)

Structure: 780001

County: ROCKINGHAM

Date: 01/24/2022

Condition Photos



CRACKING UP TO 1/2 IN WIDE IN APPROACH PAVEMENT NEAR END BENT 1 FOR FULL WIDTH



MODERATE IMPACT DAMAGE TO NORTHWEST GUARDRAIL APPROX. 50 FT FROM BRIDGE FOR 20 FT LONG.
County: ROCKINGHAM

Date: 01/24/2022

Condition Photos



INCORECT LAPPING AT SOUTHEAST GUARDRAIL TRANSITION (PAR)



Span 1 Beam 4: MINOR SURFACE CORROSION THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB

Date: 01/24/2022

Condition Photos



Span 3 Beam 10: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD UP TO 2-1/4" AT 24' FROM BENT 3 BEARING. (PAR)



Span 3 Beam 10: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD UP TO 2-1/4" AT 24' FROM BENT 3 BEARING. (PAR)

Date: 01/24/2022

Condition Photos



End Bent 2 Cap 1: HORIZONTAL 1/16IN CRACKING (UP TO FULL L.) WITH EFFLO. & RUST STAINING THROUGHOUT



HOMELESS CAMP UNDER SPAN 4

Date: 01/24/2022

Condition Photos



Bent 1 Cap 1: DELAMINATED PATCH (2SF) TO TOP EDGE RIGHT OF BEAM 1, NEAR FACE LEFT END



Bent 1 Cap 1: PATCH (10FT L. X FULL WIDTH AND UP TO 18 IN HIGH) WITH DELAM (3FT L. X FULL WIDTH) AT RIGHT END OF PATCH, NEAR FACE ABOVE COLUMN 2

Date: 01/24/2022

Condition Photos



Span 1 Beam 6 - Protective System: PC LOSS AT CORRODED AREAS & PEELING THROUGHOUT FLANGES & BOTTOM 1/3 OF WEB

Date: 01/24/2022

Condition Photos



Bent 1 Cap 1: DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING), NEAR FACE AT BAY 4, FAR FACE SIMILAR & DELAM (5SF) NEAR FACE ABOVE COLUMN 3 & DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING). UP TO 80% SECTION REMAINING ON THE EXPOSED REBAR. SPALL UNDER BAY 4 IS UP TO 4 SQ FT. (PAR)

Date: 01/24/2022

Condition Photos



Bent 1 Cap 1: SPALL (2FT L. X 1FT H. X 8IN D.) WITH EXPOSED REINFORCING WITH UP TO 80% SECTION REMAINING IN THE EXPOSED REBAR AT THE BOTTOM EDGE TO THE LEFT OF COLUMN 4, NEAR FACE UNDER BEAM 7 & DELAM (16SF) WITH CRACK UP TO ONE IN WIDE TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING) WITH RUST STAINING, NEAR FACE AT BAY 8, FAR FACE SIMILAR & DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING) WITH RUST STAINING, FAR FACE AT BAY 6 & DELAM (12SF) TO TOP EDGE (DELAM NOT UNDER BEARING), FAR FACE OVER COLUMN 1

Date: 01/24/2022

Condition Photos



Bent 1 Cap 1: SPALL (2FT L. X 1FT H. X 8IN D.) WITH EXPOSED REINFORCING WITH UP TO 80% SECTION REMAINING IN THE EXPOSED REBAR AT THE BOTTOM EDGE TO THE LEFT OF COLUMN 4, NEAR FACE UNDER BEAM 7 & DELAM (16SF) WITH CRACK UP TO ONE IN WIDE TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING) WITH RUST STAINING, NEAR FACE AT BAY 8, FAR FACE SIMILAR & DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING) WITH RUST STAINING, FAR FACE AT BAY 6 & DELAM (12SF) TO TOP EDGE (DELAM NOT UNDER BEARING), FAR FACE OVER COLUMN 1

Date: 01/24/2022

Condition Photos



Bent 1 Cap 1: SPALL (2FT L. X 1FT H. X 8IN D.) WITH EXPOSED REINFORCING WITH UP TO 80% SECTION REMAINING IN THE EXPOSED REBAR AT THE BOTTOM EDGE TO THE LEFT OF COLUMN 4, NEAR FACE UNDER BEAM 7 & DELAM (16SF) WITH CRACK UP TO ONE IN WIDE TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING) WITH RUST STAINING, NEAR FACE AT BAY 8, FAR FACE SIMILAR & DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING) WITH RUST STAINING, FAR FACE AT BAY 6 & DELAM (12SF) TO TOP EDGE (DELAM NOT UNDER BEARING), FAR FACE OVER COLUMN 1

County: ROCKINGHAM

Date: 01/24/2022

Condition Photos



Bent 1 Cap 1: SPALL UP TO 18 IN LONG X 3 IN HIGH X 4 IN DEEP IN NEAR FACE BELOW BEAM 10. NO EXPOSED REBAR AND NOT UNDERMINING THE MASONARY PLATE



Span 1 Beam 10: REPAIR PLATE (3/4IN) TO BOTTOM FLANGE (8IN L. X FULL WIDTH) AT FAR END

Date: 01/24/2022

Condition Photos



Bent 1 Cap 1: SPALL (7FT L. X 1FT WEST. X 4IN D.) WITH EXPOSED REINFORCING TO TOP EDGE, FAR FACE AT BAY 9. UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR. (PAR) - COULD NOT ACCESS WITH LADDER DUE TO PROXIMITY OF LIVE TRAFFIC AT FAR FACE OF BENT.

County: ROCKINGHAM

Date: 01/24/2022

Condition Photos



Bent 1 Cap 1: VERTICAL & HORIZONTAL OPEN CRACKING (UP TO 1/16IN X FULL HT.) WITH EFFLO. & RUST STAINING & VERTICAL & HORIZONTAL OPEN CRACKING (UP TO 1/16IN X FULL HT.) WITH EFFLO. & RUST STAINING, NEAR FACE AT RIGHT END

County: ROCKINGHAM

Date: 01/24/2022

Condition Photos



Bent 1 Pile 5: PARTIALLY SEALED CRACKS, (UP TO 1/32IN X FULL HT.) THROUGHOUT

County: ROCKINGHAM

Date: 01/24/2022

Condition Photos



Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 47%, 7/16IN SL, 1/2IN REMAIN) FULL WIDTH FOR 1FT L. AT NEAR END WITH REPAIR PLATES (3/4IN) TO WEB (FULL HT X 2FT L.) & STIFFENER (FULL HT. X FULL WIDTH). (PAR)

Date: 01/24/2022

Condition Photos



Bent 2 Cap 1: SPALLING (14FT L. X 3FT WIDE X 6IN D.) WITH EXPOSED REINFORCING, TO BOTTOM EDGE & UNDERSIDE AT BEAM 2, FAR FACE. UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR (PAR)



Bent 2 Cap 1: SPALLING/DELAM (10SF X 4IN D.) WITH EXPOSED REINFORCING TO BOTTOM EDGE, NEAR FACE AT BAY 4. UP TO 70% SECTION REMAINING IN THE EXPOSED REBAR. (PAR)

County: ROCKINGHAM

Date: 01/24/2022

Condition Photos



Span 3 Beam 10: REPAIR PLATES (3/4IN) TO WEB (3FT L. X 15IN H.) AT NEAR END



Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 12IN L. AT NEAR END RIGHT SIDE (PAR).

Date: 01/24/2022

Condition Photos



Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 12IN L. AT NEAR END RIGHT SIDE (PAR).



Bent 2 Cap 1: POOR PATCH (3SF) WITH OPEN 1/32IN MAP CRACKING WITH RUST STAINING & EFFLO. THROUGHOUT, RIGHT END

County: ROCKINGHAM

Date: 01/24/2022

Condition Photos



Span 3 Beam 1: FAR END, RIGHT STIFFENER SECTION LOSS (UP TO 100%) FOR 4 IN WIDE AT BOTTOM. (PAR)



Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)

Date: 01/24/2022

Condition Photos



Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 47%, 7/16IN SL, 1/2IN REMAIN) FULL WIDTH FOR 1FT L. AT NEAR END WITH REPAIR PLATES (3/4IN) TO WEB (FULL HT X 2FT L.) & STIFFENER (FULL HT. X FULL WIDTH). (PAR)

Date: 01/24/2022

Condition Photos



Span 4 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 2FT L. AT NEAR END & RIGHT STIFFENER SECTION LOSS (AVG. 1/4IN REMAIN) TO BOTTOM 3IN. (PAR)



Span 3 Beam 6: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END & LEFT STIFFENER SECTION LOSS (AVG. 5/16IN REMAIN) TO BOTTOM 3IN. (PAR)

County: ROCKINGHAM

Date: 01/24/2022

Condition Photos



THERE IS EROSION BELOW THE CONCRETE APRON AT THE RGHT END OF BENT 3 RESULTING IN A 5.5 FT LONG X 1 FT HIGH GAP WHICH CAN BE PROBED UP TO 21 IN DEEP. THIS IS THE RESULT OF A DISCONTINUITY IN THE APRON TO MAKE ROOM FOR A CATCH BASIN.

County: ROCKINGHAM

Date: 01/24/2022

Condition Photos



Span 3 Beam 7: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 3IN L. FOR 1IN H. AT FAR END (PAR)



Span 4 Beam 7: WEB SECTION LOSS (UP TO 1/4IN SL, AVG. 3/8IN REMAIN) TO TOP, 5IN H. FOR 8IN L. AT NEAR END. (PAR)

Date: 01/24/2022

Condition Photos



Span 4 Beam 8: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 4IN L. X 1IN H.) AT NEAR END WITH REPAIR PLATE (3/4IN) AT RIGHT SIDE, PLATE DOES NOT COVER FULL HT. OF WEB (PAR)



Span 4 Beam 9: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 4IN L. FOR 2IN H. AT NEAR END WITH REPAIR PLATE (3/4IN X FULL HT.) AT LEFT SIDE. A REPAIR PLATE HAS BEEN INSTALLED.

Date: 01/24/2022

Condition Photos



Span 4 Beam 8: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 4IN L. X 1IN H.) AT NEAR END WITH REPAIR PLATE (3/4IN) AT RIGHT SIDE, PLATE DOES NOT COVER FULL HT. OF WEB (PAR)



Span 3 Beam 10: LEFT STIFFENER SECTION LOSS (UP TO 100%) TO BOTTOM FOR FULL WIDTH X 1 IN HIGH. (PAR)

Date: 01/24/2022

Condition Photos



Span 3 Beam 10: LEFT STIFFENER SECTION LOSS (UP TO 100%) TO BOTTOM FOR FULL WIDTH X 1 IN HIGH. (PAR)



Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 53%, 1/2IN SL, 7/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)



Span 3 Beam 10: IMPACT DAMAGE: 18"L SCTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD UP TO 2-1/4" AT 24' FROM BENT 3 BEARING. (PAR)

Date: 01/24/2022

Condition Photos



Bent 3 Cap 1: DELAM (14SF) TO BOTTOM EDGE, NEAR FACE AT BAY 2, SIMILAR AT FAR FACE & DELAM (8SF) TO NEAR FACE BELOW BEAM 6 (DEALM NOT UNDER BEARING) & DELAM (8SF) TO NEAR FACE BELOW BEAM 8 (DEALM NOT UNDER BEARING) & DELAM (8SF) TO BOTTOM EDGE, NEAR FACE UNDER BEAM 9. & DELAM (8SF) TO BOTTOM EDGE, FAR FACE BELOW BEAM 3



Bent 3 Cap 1: DELAM (14SF) TO BOTTOM EDGE, NEAR FACE AT BAY 2, SIMILAR AT FAR FACE & DELAM (8SF) TO NEAR FACE BELOW BEAM 6 (DEALM NOT UNDER BEARING) & DELAM (8SF) TO NEAR FACE BELOW BEAM 8 (DEALM NOT UNDER BEARING) & DELAM (8SF) TO BOTTOM EDGE, NEAR FACE UNDER BEAM 9. & DELAM (8SF) TO BOTTOM EDGE, FAR FACE BELOW BEAM 3

Date: 01/24/2022

Condition Photos



Bent 3 Cap 1: DELAM (14SF) TO BOTTOM EDGE, NEAR FACE AT BAY 2, SIMILAR AT FAR FACE & DELAM (8SF) TO NEAR FACE BELOW BEAM 6 (DEALM NOT UNDER BEARING) & DELAM (8SF) TO NEAR FACE BELOW BEAM 8 (DEALM NOT UNDER BEARING) & DELAM (8SF) TO BOTTOM EDGE, NEAR FACE UNDER BEAM 9. & DELAM (8SF) TO BOTTOM EDGE, FAR FACE BELOW BEAM 3

Date: 01/24/2022

Condition Photos



Bent 3 Cap 1: SPALL (10SF X 4IN D.) WITH EXPOSED REINFORCING, UNDERSIDE AT BAY 4. UP TO 80% SECTION REMAINING IN THE EXPOSED BAR. (PAR)



Span 3 Beam 3: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD 1-1/2" AT 24' FROM BENT 3 BEARING. (PAR)

Date: 01/24/2022

Condition Photos



Span 3 Beam 8: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE BENT UPWARD UP TO 2-1/2" AT 25' FROM BENT 3 BEARING. (PAR)



Bent 3 Pile 5: SPALL (7.5FT H. X 12N WIDE X 3IN D.) WITH EXPOSED REINFORCING, TO NEAR LEFT CORNER AT BOTTOM. UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR. (PAR)

Date: 01/24/2022

Condition Photos



Span 2 Deck: UNDERSIDE OF DECK, LEFT OVERHANG - SPALL (18IN X 12IN X 3IN) WITH EXPOSED REINFORCING, FAR END. UP TO 80% SECTION REMAINING IN THE EXPOSED REBAR (PAR)

Date: 01/24/2022

Condition Photos



End Bent 2 Cap 1: SPALL (8IN X 8IN X 1.5IN) WITH EXPOSED REINFORCING (UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR), FAR FACE AT BEAM 3 & SPALLING/DELAM (5FT L. X 6IN WIDE X 2IN D.) NO EXPOSED REINFORCING, FAR FACE TOP EDGE AT RIGHT END

County: ROCKINGHAM

Date: 01/24/2022

Condition Photos



End Bent 2 Abutment: SPALL (30IN L. X 9IN H. X 3IN D.) WITH EXPOSED REINFORCING TO BOTTOM OF BACKWALL RIGHT OF BEAM 7. REBAR IS DEBONDED FOR FULL LENGTH OF SPALL AND HAS UP TO 90% SECTION REMAINING IN THE EXPOSED REBAR. (PAR)

Date: 01/24/2022

Condition Photos



MINOR HAIRLINE MAP CRACKING AT SOUTHEAST WINGWALL.



15 IN DIAMETER ULITLITY I BAY 1 HAS UP TO 100% CROSION APPROX. 15 FT FROM END BENT 2. SIMILAR AT END BENT 2.

Structure Data Worksheet

Span Profile



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	52.500	50.000			
2	68.500	67.000			
3	68.500	67.000			
4	46.000	43.500			


WEST UNDERCLEARANCE PROFILE IN SPAN 2

Route Number: 23000290 Route Nar			ime: l	US29S		Reference Feature:	Н
Minimum Vertical Clearance 15.833 feet			Maxim	um Minimum Vertical	Clearance 16.667 feet		
Total Horizontal Clearance 45.666 feet Lateral Clearances: Left: 10.333 feet Right 11.333 feet							
Base Highway Network LRS Inv			entory R	Route, Sub Route Num	l ber 20029		
Milepost: 0.000	Number	of Lanes:	2	ADT: 12500	Year of ADT: 2018	Percentage of Trucks:	12
National Highway System STRAHNET Highway Designator							
Functional Classification 12 Local Principal Arterial - Other Direction of Traffic: 1 1 - way traffic							



EAST UNDERCLEARANCE PROFILE IN SPAN 3

Route Number: 23000290 Route Nat			me: (US29N		Reference Feature:	Н
Minimum Vertical Clearance 14.833 feet			Maxim	um Minimum Vertical	Clearance 15.083 feet		
Total Horizontal Clearance 45.833 feet Lateral Clearances: Left: 9.500 feet Right 12.333 feet							
Base Highway Network LRS Inv			entory F	Route, Sub Route Num	l ber 20029		
Milepost: 0.000	Number	of Lanes:	2	ADT: 12500	Year of ADT: 2018	Percentage of Trucks:	12
National Highway System STRAHNET Highway Designator							
Functional Classification 12 Local Principal Arterial - Other Direction of Traffic: 1 1 - way traffic							

County: ROCKINGHAM

Date: 01/24/2022

Structure Photos



GUARDRAIL END TREATMENT AT SOUTHEAST CORNER. TYPICAL AT NORTHWEST



POST SPACING AT MID LENGTH AT SOUTHWEST GUARDRAIL. TYPICAL AT NORTHWEST

County: ROCKINGHAM

Date: 01/24/2022

Structure Photos



TYPICAL POST SPACING AT BRIDGE AT SOUTHWEST CORNER



GUARDRAIL TO BRIDGE RAIL ATTACHEMENT AT SOUTHWEST CORNER

County: ROCKINGHAM

Date: 01/24/2022

Structure Photos



BRIDGE PLAQUE AT SOUTHWEST CORNER. TYPICAL AT NORTHWEST CORNER



SOUTH APPROACH

County: ROCKINGHAM

Date: 01/24/2022

Structure Photos



BRIDGE RAIL END TREATMENT AT SOUTHWEST CORNER TYPICAL AT NORTHEAST



JOINT OVER END BENT 2. TYPICAL AT END BENT 1.

County: ROCKINGHAM

Date: 01/24/2022

Structure Photos



LOOKING NORTH



TOP OF DECK, FAIR CONDITION

County: ROCKINGHAM

Date: 01/24/2022

Structure Photos



JOINT OVER BENT 2. TYPICAL AT BENTS 1 AND 3



LOOKING WEST FROM TOP OF BRIDGE

Date: 01/24/2022

Structure Photos



LOOKING EAST FROM TOP OF BRIDGE



TYPICAL BRIDGE RAIL IN ALL SPANS BOTH SIDES. BOTTOM COVERED BY SNOW FOR FULL LENGTH IN BOTH SHOULDERS

County: ROCKINGHAM

Date: 01/24/2022

Structure Photos



TOP OF DECK - WITH PATCHED SPALLS SCATTERED THROUGHOUT



NORTH APPROACH

County: ROCKINGHAM Date: 01/24/2022

Structure Photos



LOOKING SOUTH



SLOPE PROTECTION AT END BENT 1

County: ROCKINGHAM

Date: 01/24/2022

Structure Photos



END BENT 1 PROFILE



TYPICAL BEARING AT END BENT 1



BENT 2 PROFILE



SUPERSTRUCTURE UNDERSIDE IN SPAN 2. TYPICAL IN OTHER SPANS.

Structure: 780001

County: ROCKINGHAM

Date: 01/24/2022

Structure Photos

County: ROCKINGHAM

Date: 01/24/2022

Structure Photos



BEAM AND CAP ENDS AT BENT 2. TYPICAL



WEST ELEVATION

County: ROCKINGHAM

Date: 01/24/2022

Structure Photos



EASTBOUND UNDERCLEARANCE PROFILE IN SPAN 3



EAST ELEVATION

County: ROCKINGHAM Date: 01/24/2022

Structure Photos



WESTBOUND UNDERCLEARANCE PROFILE IN SPAN 2



SLOPE PROTECTION AT END BENT 2

UTILITIES IN BAY 1



END BENT 2 PROFILE



County: ROCKINGHAM

Date: 01/24/2022

Structure Photos

County: ROCKINGHAM

Date: 01/24/2022

Structure Photos



UTILITIES IN BAY 9



TYPICAL BEARING AT THE BENT

County: ROCKINGHAM

Date: 01/24/2022

Structure Photos



TYPICAL INTERMEDIATE DIAPHRAGM IN SPAN 1



TYPICAL END DIAPHRAGM OVER BENT 1

County: ROCKINGHAM

Date: 01/24/2022

Structure Photos



LADDER USED



TYPICAL WINGWALL AT SOUTHEAST CORNER

Bridge: 780001

County ROCKINGHAM

Date:

	These Repairs Should Be Made 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 1: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)						
💫 3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 1: FAR END, RIGHT STIFFENER SECTION LOSS (UP TO 100%) FOR 4 IN WIDE AT BOTTOM. (PAR)						
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 47%, 7/16IN SL, 1/2IN REMAIN) FULL WIDTH FOR 1FT L. AT NEAR END WITH REPAIR PLATES (3/4IN) TO WEB (FULL HT X 2FT L.) & STIFFENER (FULL HT. X FULL WIDTH). (PAR)						
👋 3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 3: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD 1-1/2" AT 24' FROM BENT 3 BEARING. (PAR)						
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 6: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END & LEFT STIFFENER SECTION LOSS (AVG. 5/16IN REMAIN) TO BOTTOM 3IN. (PAR)						
<u> 3</u> 314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 7: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 3IN L. FOR 1IN H. AT FAR END. (PAR)						
🔌 3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 8: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE BENT UPWARD UP TO 2-1/2" AT 25' FROM BENT 3 BEARING. (PAR)						
🔌 3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 53%, 1/2IN SL, 7/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)						
<u> 3</u> 314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 10: LEFT STIFFENER SECTION LOSS (UP TO 100%) TO BOTTOM FOR FULL WIDTH X 1 IN HIGH. (PAR)						
💫 3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 12IN L. AT NEAR END RIGHT SIDE (PAR).						

Bridge: 780001

County ROCKINGHAM

Date:

	These Repairs	Should Be Mad	de Within Twelve	Months From Date Of This Inspection	
MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 2FT L. AT NEAR END & RIGHT STIFFENER SECTION LOSS (AVG. 1/4IN REMAIN) TO BOTTOM 3IN. (PAR)	
戦 3314	Maintain Steel Superstructure Components	LF	1	Span 4 Beam 7: WEB SECTION LOSS (UP TO 1/4IN SL, AVG. 3/8IN REMAIN) TO TOP, 5IN H. FOR 8IN L. AT NEAR END. (PAR)	
a 3314	Maintain Steel Superstructure Components	LF	1	Span 4 Beam 8: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 4IN L. X 1IN H.) AT NEAR END WITH REPAIR PLATE (3/4IN) AT RIGHT SIDE, PLATE DOES NOT COVER FULL HT. OF WEB (PAR)	
assistanti ang sa	Maintain Steel Superstructure Components	LF	18	Span 3 Beam 3: IMPACT DAMAGE: 18LF OF BEAM OUT OF PLUMB TO THE EAST UP TO 1-1/4" AT 24' FROM BENT 3 BEARING - SECTION LOCATED BETWEEN INT. DIAPHRAGMS 1 & 2. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 3: IMPACT DAMAGE: 11"L CRACK UP TO 3/16"WEST ALONG COVER PLATE WELD ON WEST SIDE AT 24' FROM BENT 3 (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE	
3314	Maintain Steel Superstructure Components	LF	20	Span 3 Beam 8: IMPACT DAMAGE: 20LF OF BEAM OUT OF PLUMB TO THE EAST UP TO 3" AT 25' FROM BENT 3 BEARING - SECTION LOCATED BETWEEN INT. DIAPHRAGMS 1 & 2. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE	
3314	Maintain Steel Superstructure Components	LF	0	Span 3 Beam 8: IMPACT DAMAGE: 14"L CRACK UP TO 1/4"WEST ALONG COVER PLATE WELD ON WEST SIDE AT 25' FROM BENT 3 BEARING. 2-1/4"L x 1"WEST x 5/8"D GOUGE ON WEST EDGE OF BOTTOM FLANGE. 8"L x 2"WEST x 5/8"D GOUGE ON WEST EDGE OF COVER PLATE. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE	

Bridge: 780001

County ROCKINGHAM

Date:

	These Repairs Should Be Made 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 10: IMPACT DAMAGE: 12"L CRACK UP TO 1/4"WEST ALONG COVER PLATE WELD ON OUTSIDE EDGE AT 24' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE					
3314	Maintain Steel Superstructure Components	LF	40	Span 3 Beam 10: IMPACT DAMAGE: 40LF OF BEAM OUT OF PLUMB TO THE EAST - UP TO 5-1/4" AT 24' FROM BENT 3 BEARING - SECTION BEGINS AT BENT 3 BEARING AND CONTINUES NORTH, (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE					
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 10: IMPACT DAMAGE: INT. DIAPHRAGM 2 IN BAY 9 AT BEAM 10 CONNECTION - DIAPHRAGM AND CONNECTION BRACKET DEFLECTED TO THE SOUTH UP TO 6" - DEFORMATION PRESENT ALONG ENTIRE LENGTH OF BRACKET, AND 2LF OF DIAPHRAGM AT EAST END. NO DAMAGE TO FASTENERS OR WELDS. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE					
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 10: IMPACT DAMAGE: 1" DIAMETER x 1"D GOUGE ON OUTSIDE EDGE OF BOTTOM FLANGE AT 25' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE					
🔌 3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 10: IMPACT DAMAGE: 2"L DIAGONAL TEAR IN BOTTOM FLANGE ON OUTSIDE EDGE AT 24' FROM BENT 3 BEARING. (PAR)					
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 10: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD UP TO 2-1/4" AT 24' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE					
3326	Maintain Concrete Deck	SF	2	Span 2 Deck: UNDERSIDE OF DECK, LEFT OVERHANG - SPALL (18IN X 12IN X 3IN) WITH EXPOSED REINFORCING, FAR END. UP TO 20% SECTION LOSS IN THE EXPOSED REBAR (PAR)					

Bridge: 780001 County ROCKINGHAM Date: These Repairs Should Be Made Within Twelve Months From Date Of This Inspection MMS Description of Unit Quantity Remarks Est. Function Code Cost SF 12 Span 3 Deck: SPALL WITH EXPOSED Q. 3326 Maintain Concrete Deck REBAR UP TO 12 SQ FT IN NORTHBOUND LANE RIGHT SIDE NEAR YELLOW LINE 20 FT FROM BENT 3. NO MEASUREABLE SECTION LOSS IN THE **EXPOSED REBAR (PAR)** LF 🔍 3348 6 Bent 1 Cap 1: SPALL (7FT L. X 1FT WIDE. Maintain Concrete X 4IN D.) WITH EXPOSED Substructure REINFORCING TO TOP EDGE, FAR FACE AT BAY 9. (PAR) - COULD NOT Components ACCESS WITH LADDER DUE TO PROXIMITY OF LIVE TRAFFIC AND FAR FACE OF BENT. 🔍 3348 LF 70 Bent 1 Cap 1: DELAM (16SF) TO TOP & Maintain Concrete BOTTOM EDGE (DELAM NOT UNDER Substructure BEARING), NEAR FACE AT BAY 4, FAR Components FACE SIMILAR & DELAM (5SF) NEAR FACE ABOVE COLUMN 3 & DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING). UP TO 20% SECTION LOSS ON THE EXPOSED REBAR. SPALL UNDER BAY FOR IS UP TO 4 SQ FT. (PAR) LF 10 Bent 2 Cap 1: SPALLING/DELAM (10SF X 🔍 3348 Maintain Concrete 4IN D.) WITH EXPOSED REINFORCING TO BOTTOM EDGE, NEAR FACE AT BAY Substructure 4. UP TO 10% SECTION LOSS IN THE Components EXPOSED REBAR. (PAR) 0 3348 Maintain LF 14 Bent 2 Cap 1: SPALLING (14FT L. X 3FT WEST. X 6IN D.) WITH EXPOSED Concrete **REINFORCING, TO BOTTOM EDGE &** Substructure UNDERSIDE AT BEAM 2, FAR FACE. UP Components TO 20% SECTION LOSS IN THE EXPOSED REBAR. (PAR) LF 4 Bent 3 Cap 1: SPALL (10SF X 4IN D.) 🔍 3348 Maintain Concrete WITH EXPOSED REINFORCING, Substructure UNDERSIDE AT BAY 4. UP TO 20% SECTION LOSS IN THE EXPOSED BAR. Components (PAR) 🔍 3348 LF 5 Bent 3 Pile 5: SPALL (7.5FT H. X 12N Maintain WIDE X 3IN D.) WITH EXPOSED Concrete REINFORCING, TO NEAR LEFT Substructure Components CORNER AT BOTTOM. UP TO 10% SECTION LOSS IN THE EXPOSED REBAR. (PAR)

Bridge: 780001

County ROCKINGHAM

Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3350	Maint R C Wings and Walls	SF	3	End Bent 2 Abutment: SPALL (30IN L. X 9IN H. X 3IN D.) WITH EXPOSED REINFORCING TO BOTTOM OF BACKWALL RIGHT OF BEAM 7. REBAR IS DEBONDED FOR FULL LENGTH OF SPALL AND HAS UP TO 10% LOSS OF SECTION. (PAR)	
3120	Repair/Maintain Barriers	LF	1	INCORECT LAPPING AT SOUTHEAST GUARDRAIL TRANSITION (PAR)	
3120	Repair/Maintain Barriers	LF	1	APPROACH GUARDRAIL AT NORTHWEST CORNER IS LAPPED INCORRECYLY (PAR)	



Bridge: 780001

County ROCKINGHAM

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

MMS Code	MMS	MMS Description					
3314	Maint	Maintain Steel Superstructure Components					
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
Priority Main	ntenance	e	Division Bridge Maintenance Notification				
Submitted D	Date:	Submitte	d By:	Assisted By:			
01/24/2022		EMMAN	IUEL DEJESUS				
Details							
Span 3 Bear 1FT L. AT F	Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)						

MMS Code	MN	/IS Descrip	Quantity				
3314	Mair	ntain Stee	1	LF			
Location:	Location:						
Bent/Span No.							
Priority Level			Status				
Priority Mair	itenan	ice	Division Bridge Maintenance Notif	fication			
Submitted D	ate:	Submitte	d By:	Assisted By:			
01/24/2022		EMMAN	IUEL DEJESUS				
Details							
Span 3 Bear (PAR)	Span 3 Beam 1: FAR END, RIGHT STIFFENER SECTION LOSS (UP TO 100%) FOR 4 IN WIDE AT BOTTOM. (PAR)						

Bridge: 780001

County ROCKINGHAM

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

MMS Code	MN	IS Descrip	Quantity				
3314	Mair	ntain Steel		1	LF		
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
Priority Main	ntenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
01/24/2022		EMMAN	IUEL DEJESUS				
Details							
Span 3 Bear 1FT L. AT N FULL WIDT	Span 3 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 47%, 7/16IN SL, 1/2IN REMAIN) FULL WIDTH FOR 1FT L. AT NEAR END WITH REPAIR PLATES (3/4IN) TO WEB (FULL HT X 2FT L.) & STIFFENER (FULL HT. X FULL WIDTH). (PAR)						

MMS Code	MN	IS Descrip	Quantity				
3314	Mai	ntain Stee	1	LF			
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
Priority Main	tenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
01/24/2022		EMMANUEL DEJESUS					
Details	Details						
Spop 2 Boor							

Span 3 Beam 3: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD 1-1/2" AT 24' FROM BENT 3 BEARING. (PAR)

Bridge: 780001

County ROCKINGHAM

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

MMS Code	MM	IS Descrip	Quantity				
3314	Mair	ntain Steel	Superstructure Components		1	LF	
Location:	Location:						
			Bent/Span No.				
Priority Level			Status				
Priority Mair	ntenanc	ce	Division Bridge Maintenance Notification				
Submitted D	Date:	Submitte	d By:	Assisted By:			
01/24/2022		EMMAN	IUEL DEJESUS				
Details							
Span 3 Bea 1FT L. AT F	Span 3 Beam 6: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END & LEFT STIFFENER SECTION LOSS (AVG. 5/16IN REMAIN) TO BOTTOM 3IN. (PAR)						

MMS Code	MM	MS Description						
3314	Mair	ntain Steel	Superstructure Components		1	LF		
Location:	Location:							
	Bent/Span No.							
Priority Leve	el		Status					
Priority Main	itenan	се	Division Bridge Maintenance Noti	fication				
Submitted D	ate:	Submitte	d By:	Assisted By:				
01/24/2022		EMMANUEL DEJESUS						
Details	Details							

Span 3 Beam 7: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 3IN L. FOR 1IN H. AT FAR END. (PAR)

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County ROCKINGHAM

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

MMS Code	MM	MMS Description			Quantity			
3314	Main	ntain Stee	I Superstructure Components		2	LF		
Location:	Location:							
	Bent/Span No.							
Priority Leve	el		Status	Status				
Priority Mair	ntenanc	ce	Division Bridge Maintenance Notification					
Submitted D	Date:	Submitte	d By:	Assisted By:				
01/24/2022		EMMAN	JUEL DEJESUS					
Details								
Span 3 Bear FROM BEN	Span 3 Beam 8: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE BENT UPWARD UP TO 2-1/2" AT 25' FROM BENT 3 BEARING. (PAR)							

MMS Code	MM	/IS Description			Quantity		
3314	Main	itain Steel	tain Steel Superstructure Components			LF	
Location:	Location:						
Bent/Span No.							
Priority Leve	I		Status				
Priority Main	tenanc	ce .	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
01/24/2022		EMMAN	UEL DEJESUS				
Details	Details						

Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 53%, 1/2IN SL, 7/16IN REMAIN) FULL WIDTH FOR 1FT L. AT FAR END. (PAR)

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County ROCKINGHAM

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

MMS Code	MN	MMS Description			Quantity		
3314	Mair	ntain Stee	I Superstructure Components		1	LF	
Location:	Location:						
	Bent/Span No.						
Priority Leve)		Status				
Priority Mair	Itenan	се	Division Bridge Maintenance Notification				
Submitted D	oate:	Submitte	d By:	Assisted By:			
01/24/2022		EMMAN	IUEL DEJESUS				
Details							
Span 3 Bear (PAR)	Span 3 Beam 10: LEFT STIFFENER SECTION LOSS (UP TO 100%) TO BOTTOM FOR FULL WIDTH X 1 IN HIGH. (PAR)						

MMS Code	MM	IS Descrip	Description				
3314	Main	ntain Steel	ain Steel Superstructure Components				
Location:	Location:						
Bent/Span No.							
Priority Level			Status				
Priority Main	tenanc	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
01/24/2022		EMMAN	IUEL DEJESUS				
Details							

Span 3 Beam 10: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 12IN L. AT NEAR END RIGHT SIDE (PAR).

Bridge: 780001

County ROCKINGHAM

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

MMS Code	MM	MMS Description			Quantity		
3314	Main	Maintain Steel Superstructure Components			2	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Mair	ntenanc	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
01/24/2022		EMMAN	IUEL DEJESUS				
Details							
Span 4 Bear 2FT L. AT N	Span 4 Beam 1: BOTTOM FLANGE SECTION LOSS (UP TO 27%, 1/4IN SL, 11/16IN REMAIN) FULL WIDTH FOR 2FT L. AT NEAR END & RIGHT STIFFENER SECTION LOSS (AVG. 1/4IN REMAIN) TO BOTTOM 3IN. (PAR)						

MMS Code	MN	/IS Descrip	S Description				
3314	Mai	ntain Stee	ain Steel Superstructure Components			LF	
Location:	Location:						
Bent/Span No.							
Priority Level			Status				
Priority Mair	ntenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
01/24/2022		EMMANUEL DEJESUS					
Details	Details						
Span 4 Bea	m 7: V	VEB SECT	TION LOSS (UP TO 1/4IN SL. AVG	. 3/8IN REMAIN) TO TOP. 5IN H. FO)r 8in L. At	-	

NEAR END. (PAR)

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County ROCKINGHAM

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

MMS Code	MMS	MMS Description			Quantity		
3314	Mainta	ain Steel	Superstructure Components		1	LF	
Location:							
	Bent/Span No.						
Priority Leve)		Status				
Priority Mair	Itenance	÷	Division Bridge Maintenance Notification				
Submitted D	oate: S	Submitte	d By:	Assisted By:			
01/24/2022		EMMAN	IUEL DEJESUS				
Details							
Span 4 Bea END WITH	Span 4 Beam 8: WEB SECTION LOSS (UP TO 100%, AVG. 1/8IN REMAIN) TO TOP, 4IN L. X 1IN H.) AT NEAR END WITH REPAIR PLATE (3/4IN) AT RIGHT SIDE, PLATE DOES NOT COVER FULL HT. OF WEB (PAR)						

MMS Code	MN	MMS Description				Quantity	
3314	Maii	ntain Stee	Superstructure Components	Superstructure Components			
Location:							
	Bent/Span No.						
Priority Level			Status				
Priority Main	itenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
01/31/2022		EMMAN	IUEL DE JESUS				
Details							
Span 3 Bear BENT 3 BEA DUE TO DA	Span 3 Beam 3: IMPACT DAMAGE: 18LF OF BEAM OUT OF PLUMB TO THE EAST UP TO 1-1/4" AT 24' FROM BENT 3 BEARING - SECTION LOCATED BETWEEN INT. DIAPHRAGMS 1 & 2. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE						

Bridge: 780001

County ROCKINGHAM

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

MMS Code	MM	MMS Description			Quantity		
3314	Mair	ntain Steel	I Superstructure Components		1	LF	
Location:							
	Bent/Span No.						
Priority Level			Status				
Priority Main	ntenano	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
01/31/2022		EMMAN	IUEL DE JESUS				
Details							
Span 3 Bear SIDE AT 24	Span 3 Beam 3: IMPACT DAMAGE: 11"L CRACK UP TO 3/16"WEST ALONG COVER PLATE WELD ON WEST SIDE AT 24' FROM BENT 3 (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE						

MMS Code	MN	MMS Description			Quantity		
3314	Mai	ntain Stee	in Steel Superstructure Components			LF	
Location:							
	Bent/Span No.						
Priority Level			Status				
Priority Mair	ntenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
01/31/2022		EMMAN	IUEL DE JESUS				
Details	Details						
Span 3 Beam 8: IMPACT DAMAGE: 20LF OF BEAM OUT OF PLUMB TO THE EAST UP TO 3" AT 25' FROM BENT 3 BEARING - SECTION LOCATED BETWEEN INT. DIAPHRAGMS 1 & 2. (PAR) - COULD NOT ACCESS DUE TO							

DAMAGE OVER TRAVEL LANE

Bridge: 780001

OVER TRAVEL LANE

County ROCKINGHAM

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

MMS Code	MN	MMS Description			Quantity		
3314	Mair	ntain Stee	I Superstructure Components		0	LF	
Location:							
Bent/Span No.							
Priority Level			Status				
Priority Mair	ntenan	се	Division Bridge Maintenance Notification				
Submitted D	oate:	Submitte	d By:	Assisted By:			
01/31/2022		EMMAN	IUEL DE JESUS				
Details							
Span 3 Bear AT 25' FRO x 2"WEST x	m 8: IN M BEN : 5/8"D	VIPACT DA	AMAGE: 14"L CRACK UP TO 1/4"V RING. 2-1/4"L x 1"WEST x 5/8"D (ON WEST EDGE OF COVER PLA	VEST ALONG COVER PLATE WEL GOUGE ON WEST EDGE OF BOTT TE. (PAR) - COULD NOT ACCESS I	D ON WEST OM FLANG DUE TO DA	ſ SIDE E. 8"L MAGE	

n							
MMS Code	MMS D	MMS Description			Quantity		
3314	Maintain	Maintain Steel Superstructure Components			1	LF	
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
Priority Maint	tenance		Division Bridge Maintenance Notification				
Submitted Da	ate: Sul	Ibmittee	d By:	Assisted By:			
01/31/2022	E	EMMANUEL DE JESUS					
Details				•			

Span 3 Beam 10: IMPACT DAMAGE: 12"L CRACK UP TO 1/4"WEST ALONG COVER PLATE WELD ON OUTSIDE EDGE AT 24' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE

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County ROCKINGHAM

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

MMS Code	MMS Description				Quantity		
3314	Mair	ntain Steel	Superstructure Components	40	LF		
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
Priority Maintenance			Division Bridge Maintenance Notification				
Submitted D	ate:	Submitted By:		Assisted By:			
01/31/2022		EMMAN	IUEL DE JESUS				
Details							
Span 3 Beam 10: IMPACT DAMAGE: 40LF OF BEAM OUT OF PLUMB TO THE EAST - UP TO 5-1/4" AT 24' FROM BENT 3 BEARING - SECTION BEGINS AT BENT 3 BEARING AND CONTINUES NORTH, (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE							

MMS Code	MM	MMS Description				Quantity	
3314	Mair	ntain Stee	tain Steel Superstructure Components				
Location:							
Bent/Span No.							
Priority Level			Status				
Priority Maintenance		се	Division Bridge Maintenance Notification				
Submitted D	oate:	Submitte	omitted By: Assisted By:				
01/31/2022		EMMAN	IUEL DE JESUS				
Details							
Span 3 Beam 10: IMPACT DAMAGE: INT. DIAPHRAGM 2 IN BAY 9 AT BEAM 10 CONNECTION - DIAPHRAGM AND CONNECTION BRACKET DEFLECTED TO THE SOUTH UP TO 6" - DEFORMATION PRESENT ALONG ENTIRE LENGTH OF BRACKET, AND 2LF OF DIAPHRAGM AT EAST END. NO DAMAGE TO FASTENERS OR WELDS. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE							

Bridge: 780001

County ROCKINGHAM

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

MMS Code	MM	MMS Description				Quantity	
3314	Mair	ntain Steel	Superstructure Components	1	LF		
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
Priority Maintenance			Division Bridge Maintenance Notification				
Submitted D	ate:	Submitted By:		Assisted By:			
01/31/2022		EMMAN	IUEL DE JESUS				
Details	Details						
Span 3 Beam 10: IMPACT DAMAGE: 1" DIAMETER x 1"D GOUGE ON OUTSIDE EDGE OF BOTTOM FLANGE AT 25' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE							

MMS Code	MN	MMS Description				Quantity	
3314	Mai	intain Steel Superstructure Components				LF	
Location:							
Bent/Span No.							
Priority Level			Status				
Priority Maintenance		се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	ed By: Assisted By:				
01/31/2022	01/31/2022 EMMAN		IUEL DE JESUS				
Details							
Span 3 Beam 10: IMPACT DAMAGE: 2"L DIAGONAL TEAR IN BOTTOM FLANGE ON OUTSIDE EDGE AT 24' FROM BENT 3 BEARING. (PAR)							
Bridge: 780001

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MMS Code	MM	MMS Description			Quantity		
3314	Main	Maintain Steel Superstructure Components			2	LF	
Location:							
			Bent/Span No.				
Priority Leve	əl		Status				
Priority Mair	ntenanc	ce	Division Bridge Maintenance Notification				
Submitted D	Date:	Submitte	d By:	Assisted By:			
01/31/2022		EMMAN	IUEL DE JESUS				
Details							
Span 3 Bear UP TO 2-1/4 LANE	Span 3 Beam 10: IMPACT DAMAGE: 18"L SECTION OF BOTTOM FLANGE AND COVER PLATE BENT UPWARD UP TO 2-1/4" AT 24' FROM BENT 3 BEARING. (PAR) - COULD NOT ACCESS DUE TO DAMAGE OVER TRAVEL LANE						

MMS Code	MMS De	MMS Description						
3326	Maintain	Maintain Concrete Deck			2	SF		
Location:								
			Bent/Span No.					
Priority Level			Status	Status				
Priority Main	itenance		Division Bridge Maintenance Notification					
Submitted D	ate: Sub	mitte	d By:	Assisted By:				
01/24/2022	EM	IMAN	JUEL DEJESUS					
Details								
Span 2 Decł REINFORCI	Span 2 Deck: UNDERSIDE OF DECK, LEFT OVERHANG - SPALL (18IN X 12IN X 3IN) WITH EXPOSED REINFORCING, FAR END. UP TO 20% SECTION LOSS IN THE EXPOSED REBAR (PAR)							

Bridge: 780001 County ROCKINGHAM

MMS Code	MM	MMS Description			Quantity		
3326	Main	Maintain Concrete Deck			12	SF	
Location:	Location:						
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenanc	ce	Division Bridge Maintenance Notification				
Submitted D	Date:	Submitte	d By:	Assisted By:			
01/24/2022		EMMAN	IUEL DEJESUS				
Details							
Span 3 Decl YELLOW LI	Span 3 Deck: SPALL WITH EXPOSED REBAR UP TO 12 SQ FT IN NORTHBOUND LANE RIGHT SIDE NEAR YELLOW LINE 20 FT FROM BENT 3. NO MEASUREABLE SECTION LOSS IN THE EXPOSED REBAR (PAR)						

MMS Code	MM	MMS Description					
3348	Mair	Maintain Concrete Substructure Components			6	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Main	itenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
01/24/2022		EMMAN	IUEL DEJESUS				
Details							
Bent 1 Cap AT BAY 9. (I FACE OF B	Bent 1 Cap 1: SPALL (7FT L. X 1FT WIDE. X 4IN D.) WITH EXPOSED REINFORCING TO TOP EDGE, FAR FACE AT BAY 9. (PAR) - COULD NOT ACCESS WITH LADDER DUE TO PROXIMITY OF LIVE TRAFFIC AND FAR FACE OF BENT.						

Bridge: 780001 C

BAY FOR IS UP TO 4 SQ FT. (PAR)

County ROCKINGHAM

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

MMS Code	MN	MMS Description			Quantity		
3348	Mai	ntain Conc	crete Substructure Components		70	LF	
Location:							
Bent/Span No.							
Priority Level			Status				
Priority Mair	ntenan	се	Division Bridge Maintenance Notification				
Submitted D)ate:	Submitte	d By:	Assisted By:			
01/24/2022		EMMAN	JUEL DEJESUS				
Details							
Bent 1 Cap FAR FACE EDGE (DEL	Bent 1 Cap 1: DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING), NEAR FACE AT BAY 4, FAR FACE SIMILAR & DELAM (5SF) NEAR FACE ABOVE COLUMN 3 & DELAM (16SF) TO TOP & BOTTOM EDGE (DELAM NOT UNDER BEARING), UP TO 20% SECTION LOSS ON THE EXPOSED REBAR, SPALL UNDER						

MMS Code	MN	MMS Description					
3348	Mair	Maintain Concrete Substructure Components				LF	
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
Priority Mainte	enan	се	Division Bridge Maintenance Notification				
Submitted Da	ate:	Submitte	d By:	Assisted By:			
01/24/2022		EMMANUEL DEJESUS					
Details							
	0.0.4						

Bent 2 Cap 1: SPALLING/DELAM (10SF X 4IN D.) WITH EXPOSED REINFORCING TO BOTTOM EDGE, NEAR FACE AT BAY 4. UP TO 10% SECTION LOSS IN THE EXPOSED REBAR. (PAR)

Bridge: 780001

County ROCKINGHAM

MMS Code	MM	MMS Description			Quantity		
3348	Main	Maintain Concrete Substructure Components			14	LF	
Location:	Location:						
			Bent/Span No.				
Priority Level			Status				
Priority Main	ntenanc	ce	Division Bridge Maintenance Notification				
Submitted D	Date:	Submitte	d By:	Assisted By:			
01/24/2022		EMMAN	IUEL DEJESUS				
Details							
Bent 2 Cap UNDERSIDI	Bent 2 Cap 1: SPALLING (14FT L. X 3FT WEST. X 6IN D.) WITH EXPOSED REINFORCING, TO BOTTOM EDGE & UNDERSIDE AT BEAM 2, FAR FACE. UP TO 20% SECTION LOSS IN THE EXPOSED REBAR. (PAR)						

MMS Code	MN	MMS Description			Quantity		
3348	Maii	ntain Conc	crete Substructure Components	rete Substructure Components			
Location:	Location:						
	Bent/Span No.						
Priority Leve	÷l		Status				
Priority Main	itenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
01/24/2022		EMMAN	IUEL DEJESUS				
Details							
Bent 3 Cap SECTION L	1: SP/ OSS I	ALL (10SF N THE EX	X 4IN D.) WITH EXPOSED REINF POSED BAR. (PAR)	FORCING, UNDERSIDE AT BAY 4. U	JP TO 20%		

Bridge: 780001

County ROCKINGHAM

MMS Code	MN	MMS Description			Quantity		
3348	Mair	ntain Conc	crete Substructure Components		5	LF	
Location:	Location:						
			Bent/Span No.				
Priority Leve)		Status				
Priority Main	itenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
01/24/2022		Bent 2 C	Cap 1: SPALLING (1				
Details							
Bent 3 Pile 5 AT BOTTON	Bent 3 Pile 5: SPALL (7.5FT H. X 12N WIDE X 3IN D.) WITH EXPOSED REINFORCING, TO NEAR LEFT CORNER AT BOTTOM. UP TO 10% SECTION LOSS IN THE EXPOSED REBAR. (PAR)						

MMS Code	MM	MMS Description			Quantity		
3350	Main	it R C Wir	igs and Walls		3	SF	
Location:							
	Bent/Span No.						
Priority Level			Status				
Priority Main	itenanc	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
01/24/2022		EMMAN	IUEL DEJESUS				
Details							
End Bent 2 / BACKWALL LOSS OF S	Abutme RIGH ⁻ ECTIO	ent: SPAL T OF BEA N. (PAR)	L (30IN L. X 9IN H. X 3IN D.) WITH M 7. REBAR IS DEBONDED FOR	HEXPOSED REINFORCING TO BO FULL LENGTH OF SPALL AND HA	TTOM OF S UP TO 10)%	

Bridge: 780001 County F

County ROCKINGHAM

MMS Code	MMS	MMS Description			Quantity			
3120	Repai	ir/Maintai	in Barriers		1	LF		
Location:								
	Bent/Span No.							
Priority Level			Status	Status				
Recommended			Routine Maintenance					
Submitted D	ate:	Submitte	d By:	Assisted By:				
01/27/2022		EMMAN	IUEL DE JESUS					
Details								
INCORECT	INCORECT LAPPING AT SOUTHEAST GUARDRAIL TRANSITION (PAR)							

MMS Code	MM	MMS Description			Quantity			
3120	Rep	Repair/Maintain Barriers			1	LF		
Location:								
			Bent/Span No.					
Priority Level			Status	Status				
Recommended			Routine Maintenance					
Submitted D	ate:	Submitte	d By:	Assisted By:				
01/27/2022		EMMAN	IUEL DE JESUS					
Details								
APPROACH	APPROACH GUARDRAIL AT NORTHWEST CORNER IS LAPPED INCORRECYLY (PAR)							







Bridge Inspection Field Sketch

Cap In	forn	nation		Material	Cast-in-	Place Concre	ete				
Lengt	Length Width		Height	ight Left Overhang		Right Overh	ang Left Be	Left Beam to End of Cap.		Right Beam to End of Cap.	
81.000	31.000 ft. 3.000 ft		4.000 ft.	4.500 ft.		4.500 ft.	1.5	1.500 ft.		1.500 ft.	
Subcap Information				Material		D' LLO L		Left Dile to Calica			
Length Width Height				Left Over	hang	Right Overn	ang Left Pi	le to Splic	ce.		
Sill Info	orma	ation		Material							
Lengt	h	Width	Height								
Pile #	Ma	aterial	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacemen	t? Removed?	Collar?
1	Concrete		18 ft.	2.5 ft.	3 ft.		Vertical	No	No	No	No
2	Concrete		18 ft.	2.5 ft.	3 ft.		Vertical	No	No	No	No
3	Concrete		18 ft.	2.5 ft.	3 ft.		Vertical	No	No	No	No
4	Concrete		18 ft.	2.5 ft.	3 ft.		Vertical	No	No	No	No
5	Concrete			2.5 ft.	3 ft.		Vertical	No	No	No	No
MODIFE	-10		1/24/2022								
			1/27/2022	0:40:10-1	Danatas						
Bent/A	Dutr	<u>nent #: 1</u>]	Similar I	sents:	2,3					
itle							Description				
ENT SKETCH							DATA WORKSHEET				
INT SK	ET	СН					DATA WOR	KSHEE	l		



