

ATTENTION: partial inspection, awaiting railroad entry permit; prompt

action request, sketches revised, temporary repairs to

caps

Structure Safety Report

Routine Element Inspection - Contract

INSPECTION DATE: 01/21/2020

DIVISION: 13 COUNTY: BURKE	STRUCT	URE NUMBER: 110099	FRE	QUENCY: 24 MONT	'HS
FACILITY CARRIED: US64,70			MILE POST:		
LOCATION: .6 MI.W.JCT.US64BUS					
FEATURE INTERSECTED: SOUTHERN R	R				
LATITUDE: 35° 43' 49.84"	LONGITUDE:	81° 42' 12.61"			
SUPERSTRUCTURE: REINFORCED CC	NCRETE FLOOR ON I-B	EAMS			
SUBSTRUCTURE: E.BT1&BTS:RC CAPS	/H-PILES(WID)E.BT2:RC	SPILL THRU W/H-PILES	3		
SPANS: _5 SPANS. SEE SPAN PROFIL	E SHEET FOR SPAN DE	ETAILS			
FRACTURE CRITICAL TEMPO	RARY SHORING	SCOUR CRITICAL	SCOUR	PLAN OF ACTION	
NBI GRADES: DECK 6 SU	PERSTRUCTURE 4	SUBSTRUCTURE 5	CULVER	T <u>N</u>	
POSTED SV: Not Posted		POSTED TTST: Not Pos	sted		
OTHER SIGNS PRESENT: none					
			Sign notice issued for		Number Required
		T	NO	WEIGHT LIMIT	0
	t tvit		NO	DELINEATORS	0
			NO	NARROW BRIDGE	0
			NO	ONE LANE BRIDGE	0
	V.		NO	LOW CLEARANCE	0
				CTION OF W-E	
		1		ECTION IES PLANS	
west approach looking east					
INSPECTED BY Mike Mills	SIGNATURE	A.A.	ASSISTED BY	/ Isaiah Chapman	

IDENTIFICATION —						
(1) STATE NAME NORTH CAROLINA BRIDGE		110099	SUFFICIENCY RATING			44.34
(8) STRUCTURE NUMBER (FEDERAL)		0230099	STATUS =		Structurally [Deficient
(5) INVENTORY ROUTE (ON/UNDER) ON	12	1000640		CLASSIFICATION		CODE
(2) STATE HIGHWAY DEPARTMENT DISTRICT (3) COUNTY CODE (FEDERAL) 23 (4) PLACE CODE		13 44400	(112) NBIS BRIDGE SYSTEM			YES
(6) FEATURE INTERSECTED SOUTHERN RR		44400	(104) HIGHWAY SYSTEM	Inventory Ro	ute is on NHS	
(7) FACILITY CARRIED US64,70			(26) FUNCTIONAL CLASS	Urban Other Prin	ncipal Arterial	14
(9) LOCATION .6 MI.W.JCT.US64BUS			(100) STRAHNET HIGHWAY	Not a STR	AHNET Route	(
(11) MILEPOINT		0.0	(101) PARALLEL STRUCTURE	No parallel st	ructure exists	١
(12) BASE HIGHWAY NETWORK (13) LRS INVENTORY ROUTE & SUBROUTE		1 20064	(102) DIRECTION OF TRAFFIC		2-way traffic	2
(16) LATITUDE 35° 43' 49.84" (17) LONGITUDE	81° 4	20064	(103) TEMPORARY STRUCTUR	RE		
(98) BORDER BRIDGE STATE CODE PERCENT			(110) DESIGNATED NATIONAL	NETWORK - ח natiional netw	ork for trucks	
(99) BORDER BRIDGE STRUCTURE NUMBER			(20) TOLL		On Free Road	
STRUCTURE TYPE AND MATERIAL			(21) MAINT -			0
(43) STRUCTURE TYPE MAIN		Steel	(22) OWNER -			0.
TYPE Stringer/Multi-beam or gird	der CODE	302	(37) HISTORICAL SIGNIFICANO	`F -		
(44) STRUCTURE TYPE APPROACH			(07) THO FOR TOTAL GIOTAL TOTAL			
TYPE	CODE		(58) DECK	CONDITION		CODE
(45) NUMBER OF SPANS IN MAIN UNIT		5	(59) SUPERSTRUCTURE			,
(46) NUMBER OF SPANS IN APPROACH		0	(60) SUBSTRUCTURE			
	CODE	1	(61) CHANNEL & CHANNEL PR	OTECTION		;
(107) DECK STRUCTURE TYPE	CODE	1	(62) CULVERTS	O I LO HON		ľ
(108)WEARING SURFACE/PROTECTIVE SYSTEM	CODE	6		DATING AND DOCTING		
(A) TYPE OF WEARING SURFACE (B) TYPE OF MEMBRANE	CODE	6 0	(31) DESIGN LOAD	RATING AND POSTING	H 20 + Mod	CODE
(C) TYPE OF DECK PROTECTION	CODE	0	(63) OPERATING RATING MET	HOD -	Load Factor	,
	OODL	O	(64) OPERATING RATING -	1100	HS-31	59
AGE AND SERVICE (27) YEAR BUILT		1955	•	HOD	110-31	1
			(65) INVENTORY RATING MET	IIOD -	HS-18	35
(106) YEAR RECONSTRUCTED	000000	1974. 0000000	(66) INVENTORY RATING		110 10	00
(42) TYPE OF SERVICE ON	Highway - Pe	0 doctrion	(70) PRIDCE DOCTING	No Doo	ting Required	Ę
	•		(70) BRIDGE POSTING		illig Kequileu	
OFF - Railroa (28) LANES ON STRUCTURE 5 LANES UNDER STR		52 0	(41) STRUCTURE OPEN, POST			Α
(29) AVERAGE DAILY TRAFFIC	COTONE	19000	DESCRIPTION	' '	o restriction	
(30) YEAR OF ADT 2015 (109) TRUCK ADT P	ıCT	12	(67) STRUCTURAL EVALUATION	APPRAISAL ——		CODE
(19) BYPASS OR DETOUR LENGTH	O1	3.0	(68) DECK GEOMETRY	714		2
GEOMETRIC DATA		3.0	. ,	OT 0 110D17		
(48) LENGTH OF MAXIMUM SPAN		42.0	(69) UNDERCLEARANCES, VEI	RT & HORIZ		
(49) STRUCTURE LENGTH		193.0	(71) WATERWAY ADEQUACY	IONIMENIE		4
(50) CURB OR SIDEWALK: LEFT 5.0 RIGHT		3.0	(72) APPROACH ROADWAY AL			2
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB		64.0	(36) TRAFFIC SAFETY FEATUR			0110
(52) DECK WIDTH OUT TO OUT		74.3	(113) SCOUR CRITICAL BRIDG			١
(32) APPROACH ROADWAY WITH (W/ SHOULDERS) (33) BRIDGE MEDIAN No median	n CODE	64.0 0		OSED IMPROVEMENTS		
(34) SKEW 53 (35) STRUCTURE FLARED		0	(75) TYPE OF WORK	IMPROVEMENT	CODE	
(10) INVENTORY ROUTE MIN VERT CLEAR		999.9	(76) LENGTH OF STRUCTURE			
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR		64.0	(94) BRIDGE IMPROVEMENT C			
(53) MIN VERT CLEAR OVER BRIDGE RDWY		999.9	(95) ROADWAY IMPROVEMEN	TCOST		
(54) MIN VERT UNDERCLEAR: REFERENCE R (55) MIN LAT UNDERCLEARANCE RT: REFERENCE	R	0.0 0.0	(96) TOTAL PROJECT COST			
(56) MIN LAT UNDERCLEARANCE LT:	K	0.0	(97) YEAR OF IMPROVEMENT	COST ESTIMATE		
		-	(114) FUTURE ADT	38,000 YEAR OF FUTUR	E ADT	2025
———— NAVIGATION DATA ——————————————————————————————————	CODE	N	(90) INSPECTION DATE	INSPECTION	FREQUENCY	24
		IN	(92) CRITICAL FEATURE INSPE		(93) CFI DATE	
(111) PIER PROTECTION	CODE	0.0			(00) 011 DATE	-
(39) NAVIGATION VERTICAL CLEARANCE		0.0	A) FRACTURE CRIT DETA			
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR		0.0	B) UNDERWATER INSP	B)		
(40) NAVIGATION HORIZONTAL CLEARANCE		0.0	C) OTHER SPECIAL INSP	C)		
			SCOUR			

				m Vertical			ute	ication		affic	Jaily Traffic	learance	Φ		See N	lote Be	low	way	0	ර :	Network
1 4	span Number	Facility Carried	Inventory Route	Maximum Minimu Clearance	Milepoint	Base Highway	LRS Inventory Ro	Functional Classifi	Number of Lanes	Average Daily Tra	Year of Average [Total Horizontal C	Reference Featur	Minimum Vertical Underclearance	Rigth Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade	STRAHNET High	Direction of Traffic	Highw	National Truck Ne
		7	5	10	11	12	13	26	28	29	30	47	54A	54	55	56	69	100	102	104 1	10
Г	3 RA	AILROAD	80000000											21.3	7.4		4				\exists

Superstructure Build Details

Span Number 1

Span Length 32.5000

Skew 143.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Aluminum Bridge Rail	Metal Bridge Railing	33	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2416	Square Feet		
1	Concrete and Metal Railing	Other Bridge Railing	33	Feet		
11	Movable Bearing	Movable Bearing	11	Each	Legacy Red Lead Primer Systems with Various Topcoats	11
11	Fixed Bearing	Fixed Bearing	11	Each	Legacy Red Lead Primer Systems with Various Topcoats	11
11	Plate Girder	Steel Open Girder/Beam	352	Feet	Legacy Red Lead Primer Systems with Various Topcoats	2750
1	Asphalt Wearing Surface	Wearing Surface	2080	Square Feet		

 Span Number <u>2</u>
 Span Length <u>32.5000</u>
 Skew 143.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	2080 Square Fe	eet	
1	Concrete and Metal Railing	Other Bridge Railing	33 Feet		
11	Plate Girder	Steel Open Girder/Beam	363 Feet	Legacy Red Lead Primer Systems with Various Topcoats	3025
11	Fixed Bearing	Fixed Bearing	11 Each	Legacy Red Lead Primer Systems with Various Topcoats	11
1	Aluminum Bridge Rail	Metal Bridge Railing	33 Feet		
11	Movable Bearing	Movable Bearing	11 Each	Legacy Red Lead Primer Systems with Various Topcoats	11
1	Standard Joint	Pourable Joint Seal	124 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2416 Square Fe	pet	

 Span Number 3
 Span Length 42.5000
 Skew 143.0000

Number of Items		Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Standard Joint	Pourable Joint Seal	124 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3160 Square Feet		

Superstructure Build Details

1	Aluminum Bridge Rail	Metal Bridge Railing	43	Feet		
11	Movable Bearing	Movable Bearing	11	Each	Legacy Red Lead Primer Systems with Various Topcoats	11
1	Concrete and Metal Railing	Other Bridge Railing	43	Feet		
11	Plate Girder	Steel Open Girder/Beam	473	Feet	Legacy Red Lead Primer Systems with Various Topcoats	4400
1	Asphalt Wearing Surface	Wearing Surface	2720	Square Feet		
11	Fixed Bearing	Fixed Bearing	11	Each	Legacy Red Lead Primer Systems with Various Topcoats	11

Span Number 4

Span Length <u>42.5000</u>

Skew 143.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Aluminum Bridge Rail	Metal Bridge Railing	43	Feet		
11	Movable Bearing	Movable Bearing	11	Each	Legacy Red Lead Primer Systems with Various Topcoats	11
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3160	Square Feet		
11	Plate Girder	Steel Open Girder/Beam	473	Feet	Legacy Red Lead Primer Systems with Various Topcoats	4400
1	Concrete and Metal Railing	Other Bridge Railing	43	Feet		
1	Asphalt Wearing Surface	Wearing Surface	2720	Square Feet		
1	Standard Joint	Pourable Joint Seal	124	Feet		
11	Fixed Bearing	Fixed Bearing	11	Each	Legacy Red Lead Primer Systems with Various Topcoats	11

Span Number <u>5</u>

Span Length <u>42.5000</u>

Skew 143.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
11	Fixed Bearing	Fixed Bearing	11	Each	Legacy Red Lead Primer Systems with Various Topcoats	11
1	Asphalt Wearing Surface	Wearing Surface	2720	Square Feet		
11	Plate Girder	Steel Open Girder/Beam	462	Feet	Legacy Red Lead Primer Systems with Various Topcoats	4290
1	Concrete and Metal Railing	Other Bridge Railing	43	Feet		
1	Standard Joint	Pourable Joint Seal	124	Feet		

Superstructure Build Details

11	Movable Bearing	Movable Bearing	11	Each	Legacy Red Lead Primer Systems with Various Topcoats	11
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3160	Square Feet		
1	Aluminum Bridge Rail	Metal Bridge Railing	43	Feet		

Structure Element Scoring

 Structure Number:
 110099

Inspection Date 1/21/2020

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	О	Reinforced Concrete Deck	Deck	14312	13455	802	55	0
107	0	Steel Open Girder/Beam	Beam	2123	1869	127	60	67
515	107	Steel Protective Coating	Beam	18865	18073	375	56	361
204	0	Prestressed Concrete Column	Piles and Columns	1	0	0	1	0
215	0	Reinforced Concrete Abutment	Abutments	260	220	31	9	0
225	0	Steel Pile	Piles and Columns	47	40	1	6	0
515	225	Steel Protective Coating	Piles and Columns	3904	3904	0	0	0
226	0	Prestressed Concrete Pile	Piles and Columns	16	13	0	3	0
234	0	Reinforced Concrete Pier Cap	Caps	666	550	21	95	0
301	0	Pourable Joint Seal	Expansion Joints	496	431	0	20	45
311	0	Movable Bearing	Bearing Device	55	29	0	12	14
515	311	Steel Protective Coating	Bearing Device	55	30	0	0	25
313	0	Fixed Bearing	Bearing Device	55	38	2	13	2
515	313	Steel Protective Coating	Bearing Device	55	38	0	0	17
330	0	Metal Bridge Railing	Bridge Rail	195	0	195	0	0
333	0	Other Bridge Railing	Bridge Rail	195	0	156	23	16
510	0	Wearing Surface	Wearing Surfaces	12320	11700	0	620	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 110099 Inspection Date: 01/21/2020

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Cracking (RC and Other)	753 Square Feet
3326	Reinforced Concrete Deck	Delamination/Spall	110 Square Feet
3314	Steel Open Girder/Beam	Corrosion	139 Feet
3350	Reinforced Concrete Abutment	Efflorescence/Rust Staining	7 Feet
3350	Reinforced Concrete Abutment	Delamination/Spall	3 Feet
3354	Steel Pile	Corrosion	3 Each
3348	Prestressed Concrete Pile	Delamination/Spall	2 Each
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	73 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	160 Feet
3310	Pourable Joint Seal	Leakage	20 Feet
3310	Pourable Joint Seal	Seal Adhesion	28 Feet
3310	Pourable Joint Seal	Seal Damage	17 Feet
3334	Movable Bearing	Corrosion	15 Each
3334	Movable Bearing	Connection	1 Each
3334	Fixed Bearing	Corrosion	6 Each
3322	Metal Bridge Railing	Damage	199 Feet
3318	Other Bridge Railing	Delamination/Spall	29 Feet
3318	Other Bridge Railing	Damage	16 Feet
2816	Wearing Surface	Crack (Wearing Surface)	620 Square Feet
3342	Steel Protective Coating	Peeling/Bubbling/Cracking (steel Protective Coatings)	345 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	470 Square Feet

Element Structure Maintenance Quantities

Structure Number: 110099 Inspection Date 01/21/2020

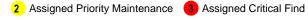
						•		
Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	10	260	0	9	31	220
Beam	3314	Maintenance Steel Superstructure Components	139	2123	67	60	127	1869
Beam	3342	Clean and Paint Steel	792	18865	361	56	375	18073
Bearing Device	3334	Bridge Bearing	41	110	16	25	2	67
Bearing Device	3342	Clean and Paint Steel	42	110	42	0	0	68
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	45	195	16	23	156	0
Bridge Rail	3322	Maintenance of Steel Bridge Rail	199	195	0	0	195	0
Caps	3348	Maintenance of Concrete Substructure	233	666	0	95	21	550
Deck	3326	Maintenance of Concrete Deck	863	14312	0	55	802	13455
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	65	496	45	20	0	431
Piles and Columns	3342	Clean and Paint Steel	0	3904	0	0	0	3904
Piles and Columns	3348	Maintenance of Concrete Substructure	5	17	0	4	0	13
Piles and Columns	3354	Maintenance of Steel Substructure Components	3	47	0	6	1	40
Wearing Surfaces	2816	Asphalt Surface Repair	620	12320	0	620	0	11700
				1	1	 		

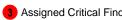
4			
an1			
3326	Deck	Reinforced Co	ncrete Deck
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	14	Span 1 Deck: (PAR) right side of beam 11 haunch, at bent 2, spall (14' x 6" x 5") we exposed rusted rebar
3318	Right Bridge Rail	Concrete and	Metal Railing
Priority Level	Defect Type	Quantity	Defect Description
2	Damage	2	Span 1 Right Bridge Rail: (PAR) at midspan, impact damage (2'), broken at base
3334	Beam 7	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 7 Far Bearing 7: (PAR) bearing frozen with pack rust
2	Corrosion	11	Span 1 Beam 7: (PAR) at bent 1, bottom flange, corrosion with section loss (0.6"
2	Corrosion	17	average remaining x 11') Span 1 Beam 7: (PAR) at bent 1, corrosion with section loss: web, corrosion hole a bearing (12" x 3"); bottom of web, (1/8" remaining x 4" x 11'), (5/16" remaining x 1' next 6')
3334	Beam 8	Plate Girder	
Priority	54.7	0	
Level 2	Defect Type Corrosion	Quantity 1	Defect Description Span 1 Beam 8 Far Bearing 8: (PAR) bearing frozen with pack rust
2	Corrosion	2	Span 1 Beam 8: (PAR) at bent 1 end diaphragm, web, corrosion with section loss (1/16" remaining x 16" x 10"); bottom flange, rust scale
3334	Beam 9	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 9 Far Bearing 9: (PAR) bearing frozen with pack rust
2	Corrosion	2	Span 1 Beam 9: (PAR) at bent 1 end diaphragm, corrosion with section loss: web, (1/8" remaining x 16" x 8") with corrosion hole (9" x 1/2")
3334	Beam 10	Plate Girder	
Priority			
Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 10 Far Bearing 10: (PAR) bearing frozen with pack rust
2	Corrosion	1	Span 1 Beam 10: (PAR) at bent 1, left face of web, corrosion with section loss (3/8 remaining x 7" x 8")
3334	Beam 11	Plate Girder	

② Corrosion 1 Span 1 Beam 11 Far Bearing 11: (PAR) bearing frozen with pack rust ② Corrosion 1 Span 1 Beam 11 Near Bearing 11: (PAR) corrosion with section loss (1/8" loss) at plate edges ② Corrosion 1 Span 1 Beam 11: (PAR) 8 from bent 1, at utility hanger, right face of web, corrosion with section loss. In the section loss (1/8" remaining x 6" x 6") ③ Corrosion 3 Span 1 Beam 11: (PAR) at bent 1, corrosion with section loss bottom flange, (0.6" average remaining x 1"); web at end diaphragm, (1/8" remaining x 3" wide x 19") ④ Corrosion 1 Span 1 Beam 11: (PAR) at end bent 1, behind bearing, corrosion with section loss (0.6" average remaining x 1") ④ Corrosion 1 Span 1 Beam 11: (PAR) at end bent 1, behind bearing, corrosion with section loss (1/4" remaining x 8" x 6") Ø Defect Type Quantity Defect Description Ø Defect Type Quantity Defect Description Ø Priority Level Defect Type Quantity Defect Description Ø Corrosion 1 Span 2 Beam 7 Near Bearing: (PAR) pack rust with 1/8" section loss on edge of plate Ø Corrosion 1 Span 2 Beam 7 Near Bearing: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3); web at bearing,	Priority Level	Defect Type	Quantity	Defect Description				
Corrosion 1 Span 1 Beam 11 Near Bearing 11: (PAR) corrosion with section loss (1/8* loss) at plate edging a lead plate edging at 2 span 1 Beam 11. (PAR) at from bent 1, at utility hanger, right face of web, corrosion with section loss (1/8* loss) at year at least 10 span 1 beam 11. (PAR) at bent 1, corrosion with section loss (1/8* loss) at least 11. (PAR) at bent 1, corrosion with section loss (1/8* loss) at least 11. (PAR) at end bent 1, behind bearing, corrosion with section loss (1/6* waterage remaining x 3* web at end disphragm, (1/8* remaining x 3* widex x 19*) Corrosion 1 Span 1 Beam 11: (PAR) at end bent 1, behind bearing, corrosion with section loss (1/4* remaining x 8* x 8*) Corrosion 1 Span 1 Beam 11: (PAR) at end bent 1, bottom of web, left face, corrosion with section loss (1/4* remaining x 8* x 8*) Defect Description Defect Type Quantity Defect Description 2 Span 2 Beam 7 Plate Girder Priority Level Defect Type Quantity Defect Description 1 Span 2 Beam 7 Near Bearing; (PAR) pack rust with 1/8* section loss on edge of plate 2 Corrosion 1 Span 2 Beam 7 Near Bearing; (PAR) pack rust with 1/8* section loss on edge of plate 2 Corrosion 3 Span 2 Beam 7. (PAR) at bent 1, corrosion with section loss bottom flange, (0.6* average remaining x 3*); web at bearing, (1/16* remaining x 1* x 16* high) with corrosion hole (2* x 1*) Defect Description 2 Span 2 Beam 8: (PAR) at bent 1, web at end disphragm, corrosion with section los (5/16* remaining x 10* x 7*) 3314 Beam 9 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss; bottom flange, (0.7* average remaining x 1.5* x 1/2*) 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss; web at end				·				
Corrosion 1 Span 1 Beam 11. (PAR) 8 from bent 1, at utility hanger, right face of web, corrosion with section loss (18 remaining x 6 remaining x 6 remaining x 6 remaining x 6 remaining x 3 remaining x 4 remainin				Span 1 Beam 11 Near Bearing 11: (PAR) corrosion with section loss (1/8" loss) at				
average remaining x 3); web at end diaphragm, (1/8' remaining x 3' wide x 19') Corrosion 1 Span 1 Feam 11; PAR) at end hent 1, behind bearing, corrosion with section loss (0.6' average remaining x 1') Span 1 Feam 11; PAR) at end hent 1, behind bearing, corrosion with section loss (1.4" remaining x 8' x 6") Defect Type Quantity Defect Description Defect Type Quantity Defect Description Span 2 Deck: (PAR) bent 1 end diaphragm, bey 7, failed previous repair (10' x 10' 4") with section loss on rebar (3/8" remaining) 3334 Beam 7 Plate Girder Priority Level Defect Type Quantity Defect Description Span 2 Beam 7 Near Bearing: (PAR) pack rust with 1/8" section loss on edge of plate Corrosion 1 Span 2 Beam 7 Near Bearing: (PAR) pack rust with 1/8" section loss on edge of plate Corrosion 3 Span 2 Beam 7: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3"); web at bearing, (1/16" remaining x 1" x 16" high) with corrosion hole (2" x 1") 3314 Beam 8 Plate Girder Priority Level Defect Type Quantity Defect Description Span 2 Beam 8: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3"); web at bearing, (1/16" remaining x 1" x 16" high) with corrosion hole (2" x 1") 3314 Beam 9 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.6" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 10: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm,	2	Corrosion	1	Span 1 Beam 11: (PAR) 8' from bent 1, at utility hanger, right face of web, corrosion				
(0.6" average remaining x 1") Corrosion 1 Span 1 Eagan 11; (PAR) at end bent 1, bottom of web, left face, corrosion with section loss (1/4" remaining x 8" x 6") Deck Reinforced Concrete Deck Priority Level Defect Type Quantity Defect Description Span 2 Deck: (PAR) bent 1 end disphragm, bay 7, falled previous repair (10" x 10" 4") with section loss on rebar (3/6" remaining) 3334 Beam 7 Plate Girder Priority Level Defect Type Quantity Defect Description Span 2 Beam 7 Near Bearing: (PAR) pack rust with 1/8" section loss on edge of plate Span 2 Beam 7 Near Bearing: (PAR) pack rust with 1/8" section loss on edge of plate Span 2 Beam 7; (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3"); web at bearing, (1/16" remaining x 1" x 16" high) with corrosion hole (2" x 1") 3314 Beam 8 Plate Girder Priority Level Defect Type Quantity Defect Description 1 Span 2 Beam 8: (PAR) at bent 1, web at end diaphragm, corrosion with section los (5/16" remaining x 10" x 7") Span 2 Beam 8: (PAR) at bent 1, web at end diaphragm, corrosion with section los (5/16" remaining x 10" x 7") 3314 Beam 9 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section los (5/16" remaining x 10" x 7") Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section los corrosion hole (1.5" x 1/2") Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 10" x 7") Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description	-	Corrosion	3					
2 Corrosion 1 Span 1 Beam 11: (PAR) at end bent 1, bottom of web, left face, corrosion with section loss (1/4" remaining x 8" x 6") 2 Deck Reinforced Concrete Deck 2 Priority Level 2 Defect Type 3 Delamination/Spall 3 Span 2 Deck: (PAR) bent 1 end diaphragm, bay 7, failed previous repair (10" x 10" 4") with section loss on rebar (3/8" remaining) 3 Span 2 Deck: (PAR) bent 1 end diaphragm, bay 7, failed previous repair (10" x 10" 4") with section loss on rebar (3/8" remaining) 3 Span 2 Deck: (PAR) bent 1 end diaphragm, bay 7, failed previous repair (10" x 10" 4") with section loss on rebar (3/8" remaining) 3 Span 2 Deck: (PAR) bent 1 end diaphragm, bay 7, failed previous repair (10" x 10" 4") with section loss on rebar (3/8" remaining) 3 Defect Type 4 Corrosion 1 Span 2 Deam 7 Near Bearing: (PAR) pack rust with 1/8" section loss on edge of plate plate 3 Span 2 Deam 7: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3"); web at bearing, (1/16" remaining x 1" x 16" high) with corrosion hole (2" x 1") 3 Span 2 Deam 8: (PAR) at bent 1, web at end diaphragm, corrosion with section loss (5/16" remaining x 10" x 7") 3 Span 2 Deam 8: (PAR) at bent 1, web at end diaphragm, corrosion with section loss (5/16" remaining x 10" x 7") 3 Span 2 Deam 9: (PAR) at bent 1, web at end diaphragm, corrosion with section loss bottom flange, (0.7" average remaining x 1.5"; web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3 Span 2 Deam 10: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"; web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3 Span 2 Deam 10: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"; web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2")	(2)	Corrosion	1					
Priority Level Defect Type Quantity Defect Description 10 Span 2 Deck: (PAR) bent 1 end diaphragm, bay 7, failed previous repair (10' x 10' 4") with section loss on rebar (3/8" remaining) 3334 Beam 7 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Corrosion 1 Span 2 Beam 7 Near Bearing: (PAR) pack rust with 1/8" section loss on edge of plate Span 2 Beam 7: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3"); web at bearing, (1/16" remaining x 1" x 16" high) with corrosion hole (2" x 1") 3314 Beam 8 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Corrosion 1 Span 2 Beam 8: (PAR) at bent 1, web at end diaphragm, corrosion with section loss (5/16" remaining x 10" x 7") 3314 Beam 9 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Corrosion 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description	2	Corrosion	1	Span 1 Beam 11: (PAR) at end bent 1, bottom of web, left face, corrosion with				
Priority Level Defect Type Quantity Defect Description 10 Span 2 Deck: (PAR) bent 1 end diaphragm, bay 7, failed previous repair (10' x 10' 4") with section loss on rebar (3/8" remaining) 3334 Beam 7 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Corrosion 1 Span 2 Beam 7 Near Bearing: (PAR) pack rust with 1/8" section loss on edge of plate Span 2 Beam 7; (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3); web at bearing, (1/16" remaining x 1' x 16" high) with corrosion hole (2" x 1") 3314 Beam 8 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Corrosion 1 Span 2 Beam 8: (PAR) at bent 1, web at end diaphragm, corrosion with section los (5/16" remaining x 10" x 7") 3314 Beam 9 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description	pan2							
Defect Type Quantity Defect (PAR) bent 1 end diaphragm, bay 7, failed previous repair (10" x 10" 4") with section loss on rebar (3/8" remaining) 3334 Beam 7 Plate Girder Priority Level Defect Type Quantity Defect Description Corrosion 1 Span 2 Beam 7 Near Bearing: (PAR) pack rust with 1/8" section loss on edge of plate saverage remaining x 3"); web at bearing, (1/16" remaining x 1" x 16" high) with corrosion hole (2" x 1") 3314 Beam 8 Plate Girder Priority Level Defect Type Quantity Defect Description Corrosion 1 Span 2 Beam 8: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3"); web at bearing, (1/16" remaining x 1" x 16" high) with corrosion hole (2" x 1") 3314 Beam 9 Plate Girder Priority Level Defect Type Quantity Defect Description Corrosion 2 Span 2 Beam 9: (PAR) at bent 1, web at end diaphragm, corrosion with section los (5/16" remaining x 10" x 7") 3314 Beam 9 Plate Girder Priority Level Defect Type Quantity Defect Description Corrosion 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2")	3326	Deck	Reinforced Co	ncrete Deck				
Delamination/Spall 10 Span 2 Deck: (PAR) bent 1 end diaphragm, bay 7, failed previous repair (10' x 10" 4") with section loss on rebar (3/8" remaining) 3334 Beam 7 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Corrosion 1 Span 2 Beam 7 Near Bearing: (PAR) pack rust with 1/8" section loss on edge of plate Span 2 Beam 7: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3"); web at bearing, (1/16" remaining x 1" x 16" high) with corrosion hole (2" x 1") 3314 Beam 8 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Corrosion 1 Span 2 Beam 8: (PAR) at bent 1, web at end diaphragm, corrosion with section los (5/16" remaining x 10" x 7") 3314 Beam 9 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, web at end diaphragm, corrosion with section los (6/16" remaining x 10" x 7") 3314 Beam 9 Plate Girder Priority Level Defect Type Quantity Defect Description 3 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description	•	Defect Type	Quantity	Defect Description				
Priority Level Defect Type Quantity Defect Description Corrosion 1 Span 2 Beam 7 Near Bearing: (PAR) pack rust with 1/8" section loss on edge of plate plate Corrosion 3 Span 2 Beam 7: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3"); web at bearing, (1/16" remaining x 1' x 16" high) with corrosion hole (2" x 1") Beam 8 Plate Girder Priority Level Defect Type Quantity Defect Description Corrosion 1 Span 2 Beam 8: (PAR) at bent 1, web at end diaphragm, corrosion with section los (5/16" remaining x 10" x 7") 3314 Beam 9 Plate Girder Priority Level Defect Type Quantity Defect Description Corrosion 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description	2		10					
Level Defect Type Quantity Defect Description Corrosion 1 Span 2 Beam 7 Near Bearing: (PAR) pack rust with 1/8" section loss on edge of plate plate serior of	3334	Beam 7	Plate Girder					
2 Corrosion 1 Span 2 Beam 7 Near Bearing: (PAR) pack rust with 1/8" section loss on edge of plate Span 2 Beam 7: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3); web at bearing, (1/16" remaining x 1' x 16" high) with corrosion hole (2" x 1") 3314 Beam 8 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Corrosion 1 Span 2 Beam 8: (PAR) at bent 1, web at end diaphragm, corrosion with section los (5/16" remaining x 10" x 7") 3314 Beam 9 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 10: (PAR) at bent 1, corrosion with section loss: web at end	•	Defect Type	Quantity	Defect Description				
2 Corrosion 3 Span 2 Beam 7: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3"); web at bearing, (1/16" remaining x 1" x 16" high) with corrosion hole (2" x 1") 3314 Beam 8 Plate Girder Priority Level Defect Type Quantity Defect Description 1 Span 2 Beam 8: (PAR) at bent 1, web at end diaphragm, corrosion with section los (5/16" remaining x 10" x 7") 3314 Beam 9 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 10: (PAR) at bent 1, corrosion with section loss: web at end	2		1					
Priority Level Defect Type Quantity Defect Description Corrosion 1 Span 2 Beam 8: (PAR) at bent 1, web at end diaphragm, corrosion with section los (5/16" remaining x 10" x 7") Beam 9 Plate Girder Priority Level Defect Type Quantity Defect Description Corrosion 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description Corrosion 2 Span 2 Beam 10: (PAR) at bent 1, corrosion with section loss: web at end	2	Corrosion	3	Span 2 Beam 7: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3'); web at bearing, (1/16" remaining x 1' x 16" high) with				
Level Defect Type Quantity Defect Description 2 Corrosion 1 Span 2 Beam 8: (PAR) at bent 1, web at end diaphragm, corrosion with section los (5/16" remaining x 10" x 7") 3314 Beam 9 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 10: (PAR) at bent 1, corrosion with section loss: web at end	3314	Beam 8	Plate Girder					
2 Corrosion 1 Span 2 Beam 8: (PAR) at bent 1, web at end diaphragm, corrosion with section los (5/16" remaining x 10" x 7") 3314 Beam 9 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 10: (PAR) at bent 1, corrosion with section loss: web at end	•	Defect Type	Quantity	Defect Description				
Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5"); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 10: (PAR) at bent 1, corrosion with section loss: web at end		· · · · · · · · · · · · · · · · · · ·		Span 2 Beam 8: (PAR) at bent 1, web at end diaphragm, corrosion with section los				
Level Defect Type Quantity Defect Description 2 Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5'); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 10: (PAR) at bent 1, corrosion with section loss: web at end	3314	Beam 9	Plate Girder					
average remaining x 1.5'); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2") 3314 Beam 10 Plate Girder Priority Level Defect Type Quantity Defect Description 2 Span 2 Beam 10: (PAR) at bent 1, corrosion with section loss: web at end	•	Defect Type	Quantity	Defect Description				
Priority Level Defect Type Quantity Defect Description 2 Corrosion 2 Span 2 Beam 10: (PAR) at bent 1, corrosion with section loss: web at end	2	Corrosion	2	average remaining x 1.5'); web, at end diaphragm, (1/16" remaining x 16" x 4") with				
Level Defect Type Quantity Defect Description 2 Span 2 Beam 10: (PAR) at bent 1, corrosion with section loss: web at end	3314	Beam 10	Plate Girder					
2 Span 2 Beam 10: (PAR) at bent 1, corrosion with section loss: web at end	•	Defect Type	Quantity	Defect Description				
	2		2					









Structure Number 110099

3314	Beam 11	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 2 Beam 11: (PAR) at bent 1, corrosion with section loss: web at end diaphragm, (0.25" remaining x 16" x 2")
Span 4			
3334	Beam 7	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 4 Beam 7 Far Bearing 7: (PAR) bearing frozen with pack rust
2	Corrosion	15	Span 4 Beam 7: (PAR) at bent 4, corrosion with section loss: web, at bearing, (3/8" remaining x 16" x 12"); bottom of web, (1/4" remaining x 2" x approximately 15'); bottom flange, (0.7" average remaining x 16")
3334	Beam 8	Plate Girder	
Priority			
Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 4 Beam 8 Far Bearing 8: (PAR) bearing frozen with pack rust
2	Corrosion	1	Span 4 Beam 8: (PAR) at bent 4, web at end diaphragm, (3/8" remaining x 6" x 4")
3334	Beam 9	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 4 Beam 9 Far Bearing 9: (PAR) bearing frozen with pack rust
2	Corrosion	2	Span 4 Beam 9: (PAR) at bent 4, corrosion with section loss: web at end diaphragm, (1/4" remaining x 1.5' x up to 12")
3334	Beam 10	Plate Girder	
Priority	Defeat Turns	Overatitus	Defeat Description
Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 4 Beam 10 Far Bearing 10: (PAR) bearing frozen with pack rust
3314	Beam 11	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 4 Beam 11: (PAR) at bent 4, corrosion with section loss: web at end diaphragm, (1/4" remaining x 10" x 4")

Span5



3318	Right Bridge Rail	Concrete and	Metal Railing
Priority Level	Defect Type	Quantity	Defect Description
2	Damage	14	Span 5 Right Bridge Rail: (PAR) at bent 4, impact damage (14') with multiple broker posts and exposed rusted rebar
3334	Beam 7	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 5 Beam 7 Near Bearing: (PAR) bearing frozen with pack rust and 1/8" section loss at edge of plate
2	Corrosion	4	Span 5 Beam 7: (PAR) at bent 4, corrosion with section loss: bottom flange, (0.5" average remaining x 2.5'); web at end diaphragm, (1/4" remaining x 14" x 16"); bottom of web, (5/16" remaining x 3" x 4')
3334	Beam 8	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 5 Beam 8 Near Bearing 8: (PAR) bearing frozen with pack rust
3334	Beam 9	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	Quantity 1	Span 5 Beam 9 Near Bearing 9: (PAR) bearing frozen with pack rust
2	Corrosion	2	Span 5 Beam 9: (PAR) at bent 4, corrosion with section loss: web at end diaphragm (1/4" remaining x 14" x 5"); bottom flange, pitting (up to 1/16" x 1.5')
3334	Beam 10	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 5 Beam 10 Near Bearing 10: (PAR) bearing frozen with pack rust
3334	Beam 11	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 5 Beam 11 Near Bearing 11: (PAR) bearing frozen with pack rust
2	Corrosion	2	Span 5 Beam 11: (PAR) at bent 4, corrosion with section loss: bottom flange, (0.55" average remaining x 2'); web at end diaphragm, (1/16" remaining x 15" x 5")
Bent 1			
3348	Cap 1	Reinforced Co	ncrete Pier Cap
Priority Level	Defect Type	Quantity	Defect Description

Structure Number 110099

2

Delamination/Spall

Bent 1 Cap 1: (PAR) span 1 face, below bay 9, bottom corner, spall (5' x 8" x 3") with exposed rusted rebar

Bent 4

3348	Cap 1	Reinforced Co	ncrete Pier Cap
Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	120	Bent 4 Cap 1: (PAR) span 5 face, from beam 8 to 11, longitudinal cracks $(1/8" \times 30')$ at top and bottom corners with delamination (up to full height \times 30') and spalls (19' \times up to 20" \times 2") with exposed rusted rebar; cracks and delamination similar on span 4 face

General Comments and Misc Items

General Comments and Misc Items

General Comments and Misc Items

Priority Level	Defect Type	Quantity	Defect Description
1		1	(PAR) northeast guardrail attachment, (1) bolt missing
1		2	(PAR) northeast guardrail, near end bent 2, (2) spacer blocks twisted
2		1	(PAR) northwest guardrail attachment not connected to bridge rail
2		1	(PAR) right overhang, utility hanger, 7' from end bent 1, bottom flange of bracket at beam, corrosion with section loss (0.2" average remaining x 3")
1		15	(PAR) southeast guardrail, at center, impact damage (15')
1		3	(PAR) southwest guardrail termination, impact damage (3')
2		1	(PAR) span 1 utility, right overhang, 6' from bent 1, section loss on clamp rods (5/8" remaining); and bottom flange of bracket at beam, corrosion hole (1,5" diameter)

Element Condition and Maintenance Data

Structure Number: 110099 Inspection Date: 01/21/2020

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Reir	forced Concrete	Deck						
Elen			Total	CS1	CS2	CS3	CS4	
Nun	nber	Element Name	Qty	Qty	Qty	Qty	Qty	
12	Reinfor	ced Concrete Deck	2,416	2,372	18	26	0 8	Square Feet
Elemen Number	Dofoot Typo	Defect Des	scription		CS	CS Qty	Maint Qty	
12	Delamination/Spall	bent 1 end diaphragm, bay 9 at b with exposed rusted rebar	eam 9, spall (12" x 4	" x 1")	3		1	Square Feet
12	Delamination/Spall	bent 1 end diaphragm, bay 9. at be with exposed rusted rebar	peam 10, spall (12" x	6" x 6")	3		1	Square Feet
12	Delamination/Spall	(PAR) right side of beam 11 haun 5") with exposed rusted rebar	nch, at bent 2, spall (14' x 6" x	3	14	14	Square Feet
12	Delamination/Spall	along right drip edge, multiple spa exposed rusted rebar	alls (up to 2' x 4" x 1/2	2") with	3	12	12	Square Feet
12	Delamination/Spall	bent 1 end diaphragm, bay 7 at b with exposed rusted rebar	eam 8, spall (16" x 1	8" x 2")	3		2	Square Feet
12	Delamination/Spall	bent 1 end diaphragm, bay 8 at b with exposed rusted rebar, simila		" x 4")	3		5	Square Feet
12	Efflorescence/Rust Staining	underside of deck at end bent 1, l x 6') with efflorescence, similar ba		(hairline	2	18		Square Feet

Spa	n 1		Wearing Su	rface					
Asp	halt	Wearing Sur	face						
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	510 Wearing		g Surface	2,080	1,970	0	110	0 Square Feet	
Elemen Numbe		Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
510		rack (Wearing at random, transverse cracks (up to 1/8" x 3') urface)			3	10	10	Square Feet	
510	Crac Surfa	ck (Wearing ace)	` 5			3	100	100	Square Feet

n 1		Left Bridge Rail						
minum Brid	lge Rail							
	Element Nan	ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
	Metal Bridge Railing		33	0	33	0	0 Feet	
Dofoct	Туре	Defect Description			CS	CS Qty	Maint Qty	
Damage			ne x 1' x full l	ength),	2	33	33 Feet	_
	ment nber t r Defect	minum Bridge Rail ment nber Element Nam Metal Bridge Railing it r Defect Type Damage along edge of sid	minum Bridge Rail ment nber Element Name Metal Bridge Railing It r Defect Type Defect Description	minum Bridge Rail ment Element Name Qty Metal Bridge Railing 33 out Defect Type Defect Description Damage along edge of sidewalk, map cracks (hairline x 1' x full I	minum Bridge Rail ment Element Name Qty Qty Metal Bridge Railing 33 0 out Defect Type Defect Description Damage along edge of sidewalk, map cracks (hairline x 1' x full length),	minum Bridge Rail ment Element Name Qty Qty Qty Metal Bridge Railing 33 0 33 or True Defect Type Defect Description CS Damage along edge of sidewalk, map cracks (hairline x 1' x full length), 2	minum Bridge Rail ment Element Name Qty Qty Qty Qty Qty Qty Metal Bridge Railing 33 0 33 0 out Defect Type Defect Description CS CS Qty Damage along edge of sidewalk, map cracks (hairline x 1' x full length), 2 33	minum Bridge Rail ment

Spa	an 1	Right Bridge	Rail					
Cor	ncrete and Metal I	Railing						
	ment mber Other E	Element Name Bridge Railing	Total Qty 33	CS1 Qty 0	CS2 Qty 25	CS3 Qty 6	CS4 Qty 2 Fee	et
Elemer Numbe	Dofoct Typo	Defect Descript	tion		CS	CS Qty	Maint Qty	
333	Damage	(PAR) at midspan, impact damage (2')	, broken at base		4	2	2	Feet
333	Delamination/Spall	rail posts at random, (6) spalls (up to 6 rusted rebar	5" x 2" x 1") with e	xposed	3	6	6 1	Feet
333	Cracking	throughout sidewalk and end post, ma 1/32")	p cracks (hairline	up to	2	25	I	Feet
	General Comments							

Span 1		Fa	r Bearing 5						
Movable	Bearing								
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing		1	0	0	1	0 E	Each
515	Steel Pro	tective Coating		1	1	0	0	0 \$	Square Feet
lement Number	Defect Type		Defect Description			CS	CS Qty	Maint Qty	
311 Conr	nection	left anchor bolt nut miss	sing			3	1	1	Each
Gener	ral Comments								

Spa	n 1		Beam 7						
Plat	te Girder								
Nun	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Op	en Girder/Beam	32	5	0	10	17 I	-eet
515		Steel Pro	tective Coating	250	150	0	0	100	Square Feet
Elemen Numbe	Dofoct T	Гуре	Defect Descrip	tion		CS	CS Qty	Maint Qty	
107	Corrosion		(PAR) at bent 1, bottom flange, corros average remaining x 11')	ion with section I	oss (0.6"	4		11	Feet
107	Corrosion		(PAR) at bent 1, corrosion with section at bearing (12" x 3"); bottom of web, (15/16" remaining x 1" x next 6')			4	17	17	Feet
107	Corrosion		at end bent 1, bottom of web, corrosio remaining x 4" x 10')	n with section los	s (7/16"	3	10	10	Feet
515	Effectiveness Protective Co	`	corrosion with section loss			4	100	100	Square Feet
•	General Comn	nents							

Span 1		Far Bearing 7						
Movable	e Bearing							
Element Number		ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	0	0	1	Each
515	Steel Protective Coating		1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

311 Corrosion (PAR) bearing frozen with pack rust 4 1 1 Each

515 Effectiveness (Steel Protective Coatings) pack rust 4 1 1 Square Feet

Spar	า 1	Beam 8						
•	e Girder							
Element Number 107 Steel Op		Element Name pen Girder/Beam	Total Qty 32	CS1 Qty 0	CS2 Qty 30	CS3 Qty 0	CS4 Qty 2	Feet
515	Steel Pr	rotective Coating	250	212	30	0	8 :	Square Feet
Element Number	Dofoot Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
107	Corrosion	(PAR) at bent 1 end diaphragm, we (1/16" remaining x 16" x 10"); botto	•		4	2	2	Preet Preet
107	Corrosion	bottom flange and bottom of web,	flange and bottom of web, freckled rust (full length)			28		Feet
107	Corrosion	at end bent 1, bottom of flange and (2')	d bottom of web, rust	scale	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	rust scale and section loss			4	8	8	Square Feet
515	Effectiveness (Steel Protective Coatings)	freckled rust			2	30	30	Square Feet
_	General Comments							

Spai	n 1	Far Bearin	ng 8				
Mov	able Bearing						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable	Bearing	1	0	0	0	1 Each
515	Steel Pr	otective Coating	1	0	0	0	1 Square Feet
Element Number	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty
311	Corrosion	(PAR) bearing frozen with pack ru	st		4	1	1 Each
515	Effectiveness (Steel Protective Coatings)	pack rust			4	1	1 Square Feet
(General Comments						

Spa	n 1	Beam 9						
Plat	e Girder							
Nun 107		Element Name pen Girder/Beam	Total Qty 32	CS1 Qty 0	CS2 Qty 29	CS3 Qty 1		Feet
515	Steel Pr	otective Coating	250	217	0	30	3 8	Square Feet
Elemen Number	Dofoot Typo	Defect Descri	ption		CS	CS Qty	Maint Qty	
107	Corrosion	(PAR) at bent 1 end diaphragm, correweb, (1/8" remaining x 16" x 8") with			4	2	2	Feet
107	Corrosion	at end bent 1, bottom of web, corrosi remaining x 3" x 1')	on with section los	s (7/16"	3	1	1	Feet
107	Corrosion	bottom flange, surface rust (full lengt	h)		2	29		Feet
515	Effectiveness (Steel Protective Coatings)	corrosion with section loss			4	3	3	Square Feet
515	Effectiveness (Steel Protective Coatings)	surface rust			3	30	30	Square Feet

Span	1	Far Bearing 9						
Moval	ble Bearing							
Eleme Numb		Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1	Each
515		otective Coating	1	0	0	0		Square Feet
Element Number	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
311 C	Corrosion	(PAR) bearing frozen with pack rust			4	1	•	1 Each
	Effectiveness (Steel Protective Coatings)	pack rust			4	1	•	1 Square Feet
Ge	eneral Comments							

Spa	n 1			Beam 10						
Plat	e Girder									
	ment nber	Steel Ope	Element Name en Girder/Beam		Total Qty 32	CS1 Qty 11	CS2 Qty 20	CS3 Qty 0	CS4 Qty 1 I	- eet
515		Steel Pro	tective Coating		250	228	20	0	2 \$	Square Feet
Elemen Numbe	Dofoot	Туре		Defect Description			CS	CS Qty	Maint Qty	
107	Corrosion		(PAR) at bent 1, left (3/8" remaining x 7"	face of web, corrosion x 8")	with section	loss	4	1	1	Feet
107	Corrosion		freckled rust				2	20		Feet
515	Effectiveness Protective Co	`	corrosion with section	on loss			4	2	2	Square Feet
515	Peeling/Bubb ing (steel Pro Coatings)		at random, paint pe	eling with freckled rust			2	20	20	Square Feet
	General Com	ments			·	·	·	·	·	· · ·

Spa	an 1	Far Bearing 10	0					
Mov	vable Bearing							
	ment mber Movable	Element Name Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo	Defect Descript	ion		CS	CS Qty	Maint Qty	
311	Corrosion	(PAR) bearing frozen with pack rust			4	1		1 Each
515	Effectiveness (Steel Protective Coatings)	pack rust			4	1		1 Square Feet
	General Comments							

Span 1		Beam 11						
e Girder								
	Elem	Total CS1 Element Name Qty Qty		CS2 Qty	CS3 Qty	CS4 Qty		
107 Steel Open G		/Beam	32	0	26	0	6 I	-eet
5	Steel Protective Co	pating	250	199	0	26	25	Square Feet
Dofoot To	Defect Type Defect Description				CS	CS Qty	Maint Qty	
Corrosion		(PAR) 8' from bent 1, at utility hanger, right face of web, corrosion with section loss (1/8" remaining x 6" x 6")				1	1	Feet
Corrosion	àverage	remaining x 3'); web at e			4	3	3	Feet
Corrosion			ing, corrosion with sec	ction loss	4	1	1	Feet
Corrosion				with	4	1	1	Feet
Corrosion		<i>5</i> ,	spall, rust scale with բ	oitting	2			Feet
Corrosion	along bo	ottom flange, surface rust	(full length)		2	26		Feet
,					4	25	25	Square Feet
		rust			3	26	26	Square Feet
	t Defect Ty Corrosion Corrosion Corrosion Corrosion Corrosion Corrosion Effectiveness (Protective Coar Effectiveness (t Defect Type Corrosion (PAR) a average x 3" wide Corrosion (PAR) a section I	re Girder The protective Coating Element Name Element Name Element Name Element Name Element Name Element Name The protective Coating The protective Coating The protective Coating Element Name Element Name Element Name The protective Coating The protective Coating Element Name Element Name The protective Coating The protective Coating Element Name The protective Coating The protective Coat	nent Element Name Qty Steel Open Girder/Beam 32 Steel Protective Coating 250 Tourosion (PAR) 8' from bent 1, at utility hanger, right face of web corrosion with section loss (1/8" remaining x 6" x 6") Corrosion (PAR) at bent 1, corrosion with section loss: bottom flar average remaining x 3'); web at end diaphragm, (1/8" rex x 3" wide x 19") Corrosion (PAR) at end bent 1, behind bearing, corrosion with section loss (0.6" average remaining x 1') Corrosion (PAR) at end bent 1, bottom of web, left face, corrosion section loss (1/4" remaining x 8" x 6") Corrosion (PAR) at end bent 1, bottom of web, left face, corrosion section loss (1/4" remaining x 8" x 6") Corrosion both flanges, below deck haunch spall, rust scale with p (up to 1/16") Corrosion along bottom flange, surface rust (full length) Effectiveness (Steel Protective Coatings) Effectiveness (Steel surface rust	nent Element Name Qty Qty Steel Open Girder/Beam 32 0 Steel Protective Coating 250 199 Torosion (PAR) 8' from bent 1, at utility hanger, right face of web, corrosion with section loss (1/8" remaining x 6" x 6") Corrosion (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3"); web at end diaphragm, (1/8" remaining x 3" wide x 19") Corrosion (PAR) at end bent 1, behind bearing, corrosion with section loss (0.6" average remaining x 1') Corrosion (PAR) at end bent 1, bottom of web, left face, corrosion with section loss (1/4" remaining x 8" x 6") Corrosion both flanges, below deck haunch spall, rust scale with pitting (up to 1/16") Corrosion along bottom flange, surface rust (full length) Effectiveness (Steel Protective Coatings) Effectiveness (Steel surface rust	nent Element Name Qty Qty Qty Qty Steel Open Girder/Beam 32 0 26 Steel Protective Coating 250 199 0 Tourosion (PAR) 8' from bent 1, at utility hanger, right face of web, corrosion with section loss (1/8" remaining x 6" x 6") Corrosion (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" a verage remaining x 3"); web at end diaphragm, (1/8" remaining x 3" wide x 19") Corrosion (PAR) at end bent 1, behind bearing, corrosion with section loss (0.6" average remaining x 1') Corrosion (PAR) at end bent 1, bottom of web, left face, corrosion with section loss (1/4" remaining x 8" x 6") Corrosion both flanges, below deck haunch spall, rust scale with pitting (up to 1/16") Corrosion along bottom flange, surface rust (full length) 2 Effectiveness (Steel Protective Coatings) Effectiveness (Steel surface rust surface rust (steel Steel Surface rust)	re Girder Total CS1 CS2 CS3 ribber Element Name Qty Qty Qty Qty Qty Steel Open Girder/Beam 32 0 26 0 Steel Protective Coating 250 199 0 26 Tourosion (PAR) 8' from bent 1, at utility hanger, right face of web, corrosion with section loss (1/8" remaining x 6" x 6") Corrosion (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" 4 3 average remaining x 3"); web at end diaphragm, (1/8" remaining x 3" wide x 19") Corrosion (PAR) at end bent 1, behind bearing, corrosion with section loss (1/4" remaining x 1") Corrosion (PAR) at end bent 1, bottom of web, left face, corrosion with section loss (1/4" remaining x 8" x 6") Corrosion (PAR) at end bent 1, bottom of web, left face, corrosion with section loss (1/4" remaining x 8" x 6") Corrosion along bottom flange, surface rust (full length) 2 26 Effectiveness (Steel corrosion with section loss and rust scale 4 25 Frotective Coatings) Effectiveness (Steel surface rust 5 3 266	rent her Element Name

Spa	an 1	Near Bear	ing 11					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixe	ed Bearing	1	0	0	0	1 1	Each
515	Ste	el Protective Coating	1	0	0	0	1 :	Square Feet
Elemer Numbe	Dofoot Type	e Defect Des	cription		CS	CS Qty	Maint Qty	
313	Corrosion	(PAR) corrosion with section loss	(1/8" loss) at plate edg	ges	4	1	1	Each
515	Effectiveness (Ste Protective Coating				4	1	1	Square Feet
	General Commen	ts						

Spa	ın 1		Fa	ar Bearing 11						
Mov	able Bear	ing								
	ment nber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	e Bearing		1	0	0	0	1	Each
515		Steel Pr	otective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot	Туре	Γ	Defect Description			CS	CS Qty	Maint Qty	
311	Corrosion		(PAR) bearing frozen w	rith pack rust			4	1		1 Each
515	Effectivenes Protective C	`	pack rust				4	1		1 Square Feet

Spa	an 2	Deck						
Rei	nforced Concrete	Deck						
	ment mber Reinfor	Element Name ced Concrete Deck	Total Qty 2,416	CS1 Qty 1,659	CS2 Qty 757	CS3 Qty 0	CS4 Qty 0 S	quare Feet
Elemei Numbe	Dofoot Typo	Defect Descri	otion		CS	CS Qty	Maint Qty	
12	Delamination/Spall	bent 1 end diaphragm, bay 8, underside, (4) spalls (up to 7" diameter x 1") with exposed rusted rebar					4	Square Feet
12	Delamination/Spall	bent 1 end diaphragm, bay 9, at beam 10, spall (18" x 4" x 2") with exposed rusted rebar			3		2	Square Feet
12	Delamination/Spall	(PAR) bent 1 end diaphragm, bay 7, 10" x 4") with section loss on rebar (3	•	pair (10' x	3		10	Square Feet
12	Delamination/Spall	bent 1 end diaphragm, bay 10, at bea with exposed rusted rebar	am 10, spall (1' x	8" x 2")	3		1	Square Feet
12	Delamination/Spall	bent 1 end diaphragm, bay 10, at bea with exposed rusted rebar	am 11, spall (6' x	7" x 2")	3		6	Square Feet
12	Delamination/Spall	bent 1 end diaphragm, bay 9, (2) spa exposed rusted rebar	lls (up to 3.5' x 8'	x 3") with	3		4	Square Feet
12	Cracking (RC and Other)	underside at bent 4, bays 9 and 10, r (hairline up 1/32" x 7')	nultiple transvers	e cracks	2	750	750	Square Feet
12	Efflorescence/Rust Staining	underside, bay 5, at midspan, transvewith efflorescence	erse crack (hairlir	e x 7')	2	7		Square Feet

Spa	an 2		Wearing S	urface					
Asp	halt Wear	ing Surf	face						
	ment mber	Wearing	Element Name g Surface	Total Qty 2,080	CS1 Qty 1,880	CS2 Qty 0	CS3 Qty 200	CS4 Qty 0 S	quare Feet
Elemer Numbe	Dofoo	t Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
510	Crack (Wea	aring	over bent 1, transverse crack (up t	o 1/4" x 100')		3	100	100	Square Feet
510	Crack (Wea	aring	UP TO 0.5" TRANSVERSE CRAC	KS OVER BENT 2		3	100	100	Square Feet

Span 2		Left Bridge	e Rail					
Alumin	um Bridge Ra	il						
Element Number 330		Element Name ridge Railing	Total Qty 33	CS1 Qty 0	CS2 Qty 33	CS3 Qty 0	CS4 Qty 0 Feet	
Element Number	Defect Type	Defect Desc				CS Qty	Maint Qtv	
	mage	along edge of sidewalk, map crack	s (hairline x 1' x full le	ength)	2	33	33 Feet	

Spa	ın 2	Right Bridge Ra	il					
Con	crete and Metal R	ailing						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Br	idge Railing	33	0	33	0	0 Fee	et
Elemen Numbe	Dofoct Typo	Defect Description	l		CS	CS Qty	Maint Qty	
333	Delamination/Spall	rail posts at random, (3) spalls (up to 5" di exposed rusted rebar	ameter x 1/2") with	2		3 F	eet
333	Cracking	throughout sidewalk and end post, map cr 1/32")	acks (hairline	up to	2		F	eet
333	Deterioration (Other)	throughout sidewalk and rail, scale with se	ecure aggrega	ate	2	33	F	eet
-	General Comments							

Spa	an 2	Beam 7						
Plat	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	St	eel Open Girder/Beam	33	12	0	18	3	Feet
515	St	eel Protective Coating	275	235	0	0	40	Square Feet
Elemen Numbe	Dofoot Tur	pe Defect Descr	ription		CS	CS Qty	Maint Qty	
107	Corrosion	(PAR) at bent 1, corrosion with sect average remaining x 3'); web at bea 16" high) with corrosion hole (2" x 1	aring, (1/16" remaini	• (4	3	3	3 Feet
107	Corrosion	BEAM 7 SPAN 2 AT BENT 2: 1' X 1 TO WEB WITH 7/16" REMAINING A WITH 11/16" REMAINING FOR 2'			3	2	2	2 Feet
107	Corrosion	BEAM 7 SPAN 2 AT BENT 2: SECT RIGHT FLANGE WITH 11/16" REM		TTOM	3	16	16	S Feet
515	Effectiveness (S Protective Coatin				4	40	40) Square Feet
	General Comme	nts						

Spa	an 2		1	Near Bearing 7						
Fixe	ed Bearing									
	ment mber	Fixed Be	Element Name earing		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1	
515		Steel Pro	otective Coating		1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot -	Гуре	(PAR) pack rust with	Defect Description 1/8" section loss on ed	lae of plate		CS 4	CS Qty	Maint Qty	1 Each
515	Effectiveness Protective Co		pack rust				4	1		1 Square Feet

Span 2		Far Bearing 7						
Movable	e Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8 on plate surfaces.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Spa	an 2	Beam 8						
Plat	te Girder							
	·	Element Name en Girder/Beam otective Coating	Total Qty 33 275	CS1 Qty 32 223	CS2 Qty 0	CS3 Qty 0		eet quare Feet
Elemer Numbe	nt Defect Type	Defect Des			CS	CS Qty	Maint Qty	
107	Corrosion	(PAR) at bent 1, web at end diaploss (5/16" remaining x 10" x 7")	hragm, corrosion with	section	4	1	1	Feet
515	Effectiveness (Steel Protective Coatings)	corrosion with section loss			4	2	2	Square Feet
515	Peeling/Bubbling/Crac	k paint peeling at random			2	50	50	Square Feet
	ing (steel Protective Coatings) General Comments							

Spa	an 2			Near Bearing 8						
Fix	ed Bearing									
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed B	earing		1	0	0	1	0	Each
515		Steel Pr	otective Coating		1	0	0	0	1	Square Feet
Elemei Numbe	Dofoot	Туре		Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion		pack rust				3	1		1 Each
515	Effectiveness Protective Co		pack rust				4	1		1 Square Feet
	General Com	ments								

Span 2		Far Bearing 8						
Movable	e Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8 on plate surfaces.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Spai	n 2	Beam 9						
Plate	e Girder							
Elen Num	nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	· o o t
107	Ste	el Open Girder/Beam	33	31	0	0	2 F	eet
515	Ste	el Protective Coating	275	207	60	0	8 8	Square Feet
Element Number	Dofoct Type	e Defect De	scription		CS	CS Qty	Maint Qty	
107	Corrosion	(PAR) at bent 1, corrosion with so average remaining x 1.5'); web, a remaining x 16" x 4") with corrosi	at end diaphragm, (1/1		4	2	2	Feet
515	Effectiveness (Ste Protective Coatin				4	8	8	Square Feet
515	Peeling/Bubbling/ ing (steel Protecti Coatings)	Crack paint peeling at random ve			2	60	60	Square Feet
(General Commen	ts						

Spai	n 2		Near Bearing 9						
Fixe	d Bearing								
Elem Num	ber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	5 l
313	FIXE	ed Bearing		1	0	0	1	0	Each
515	Ste	el Protective Coating		1	0	0	0	1	Square Feet
Element Number	Dofoot Tune)	Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion	pack rust				3	1	1	Each
515	Effectiveness (Ste Protective Coating					4	1	1	Square Feet
(General Commen	is							_

Span 2		Far Bearing 9						
Movable	e Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8 on plate surfaces.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Spa	n 2	Bea	am 10					
Plat	te Girder							
	•	Element Name en Girder/Beam tective Coating	Tota Qt 3	y Qty 3 31		CS3 Qty 0	CS4 Qty 2 F	eet quare Feet
Elemen Numbe	nt Defect Type		efect Description	200	CS	CS Qty	Maint Qty	
107	Corrosion	(PAR) at bent 1, corrosic diaphragm, (1/16" remain	on with section loss: web a ning x 18" x 7")	t end	4	2	•	Feet
515	Effectiveness (Steel	corrosion with section los	56		4	10	10	Square Feet
313	Effectiveness (Steel Protective Coatings)	corrosion with section to	55		4	10	10	Square reet
515	Protective Coatings)	c paint peeling at random	55		2	60	60	·

Spa	an 2			Near Bearing 10						
Fixe	ed Bearing									
	ment mber		Element Name	•	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed B	earing		1	0	0	1	0	Each
515		Steel Pr	otective Coating		1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot	Туре		Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion		pack rust				3	1		1 Each
515	Effectiveness Protective Co		pack rust				4	1		1 Square Feet
	General Com	ments								

Span 2		Far Bearing 10						
Movable	e Bearing							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		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 Qty	

- 1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8 on plate surfaces.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Spa	an 2	Beam 11						
Plat	te Girder							
	ment mber Steel	Element Name Open Girder/Beam	Total Qty 33	CS1 Qty 18	CS2 Qty 0	CS3 Qty 13	CS4 Qty 2 F	Feet
515	Steel	Protective Coating	275	250	0	0	25 S	Square Feet
Elemen	Dofoct Typo	Defect Des	scription		CS	CS Qty	Maint Qty	
107	Corrosion	(PAR) at bent 1, corrosion with se diaphragm, (0.25" remaining x 16			4	2	2	Feet
107	Corrosion	at bent 1, bottom flange, corrosion average remaining x 15')	n with section loss (0.7	r II	3	13	13	Feet
515	Effectiveness (Steel	rust scale and section loss			4	25	25	Square Feet
313	Protective Coatings)							

Spa	an 2		Near Bearing 11						
Fixe	ed Bearing								
Nur	ment mber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed	Bearing		1	0	0	1	0	Each
515	Steel F	Protective Coating		1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo		Defect Description			cs	CS Qty	Maint Qty	
313	Corrosion	pack rust				3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	pack rust				4	1		1 Square Feet
•	General Comments	·		•					_

Span 2		Far Bearing 11						
Movable	e Bearing							
Element Number		ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	0	1	0 Ea	ach
515	Steel Protective Coating		1	0	0	0	1 Sc	quare Feet
 Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8 on plate surfaces.

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Span 2	2	Bent 1 Joi	nt					
Standa	ard Joint							
Elemen Numbe 301	r	Element Name le Joint Seal	Total Qty 124	CS1 Qty 112	CS2 Qty 0	CS3 Qty 0	CS4 Qty 12	-eet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
301 Se	eal Adhesion	left sidewalk, joint material separa	ed with debris and ve	egetation	4	7	7	Feet
301 Se	eal Damage	at right sidewalk, joint material mis debris and vegetation	sing/separated (5') w	vith	4	5	5	Feet
Ger	neral Comments							

Span	3	Left Bridg	e Rail					
Alum	inum Bridge Ra	ail						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal E	Bridge Railing	43	0	43	0	0 Feet	
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
330	Damage	along edge of sidewalk, map crac	ks (hairline x 1' x full le	ength)	2	43	43 Feet	
G	eneral Comments							

Spa	n 3	Right Bridge	Rail					
Cor	ncrete and Metal F	Railing						
	ment mber Other B	Element Name ridge Railing	Total Qty 43	CS1 Qty 0	CS2 Qty 33	CS3 Qty 10	CS4 Qty 0 Feet	
Elemen Numbe	Dofoot Typo	Defect Descrip	tion		CS	CS Qty	Maint Qty	
333	Delamination/Spall	rail posts at random, (10) spalls (up to exposed rusted rebar	16" x 2" x 1/2") w	ith	3	10	10 Feet	
333	Cracking	sidewalk and rail at random, map crac	ks (hairline)		2	10	Feet	
333	Distortion	throughout sidewalk and rail, scale wit	h secure aggrega	te	2	23	Feet	
	General Comments							

Span 3	Span 3						
Plate G	irder						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel 0	Open Girder/Beam	43	41	0	2	0 Feet
515	Steel F	Protective Coating	400	395	0	0	5 Square Feet
 Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty
107 Co	rrosion	BEAM 7 SPAN 3 AT BENT 2: SEC	TION LOSS TO BO	ТТОМ	3	2	2 Feet

FLANGE WITH 11/16" REMAINING FOR 2'

Effectiveness (Steel PAINT FAILURE IN AREAS OF SECTION LOSS 4 5 Square Feet Protective Coatings)

General Comments

515

Span 3		Near Bearing 7						
Fixed B	earing							
Element Number	Element Nai	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		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 Qty	

General Comments

- 1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8" on plate surfaces.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Span 3		Far Bearing 7						
Movable	e Bearing							
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	0	1	0	Each
515	Steel Protective Coa	ating	1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8" on plate surfaces.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Span 3		Near Bearing 8						
Fixed B	earing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8" on plate surfaces.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Span 3		Far Bearing 8						
Movable	e Bearing							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8" on plate surfaces.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Spa Plat	ın 3 e Girder			Beam 9						
	ment nber	Steel Open G	Element Name irder/Beam		Total Qty 43	CS1 Qty 41	CS2 Qty 0	CS3 Qty 2	CS4 Qty 0 F	Feet
515	;	Steel Protective Coating			400	390	0	0	10 S	Square Feet
Elemen Numbe	Dofoct T	уре		Defect Descrip	tion		CS	CS Qty	Maint Qty	
107	Corrosion	FLA	BEAM 9 SPAN 3 AT BENT 2: SECTION LOSS TO BOTTOM FLANGE WITH 11/16" REMAINING AND BOTTOM 10" OF WEB WITH 7/16" REMAINING FOR 2'			3	2	2	Feet	
515	Effectiveness Protective Coa		NT FAILURE IN	AREAS OF SECT	TION LOSS		4	10	10	Square Feet
	General Comments									

lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515	Steel Protective Coa	ating	1	0	0	0	1	Square Feet
313	Fixed Bearing		1	0	0	1	0	Each
Element Number		nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS ² Qty	
Fixed B	earing							
Span 3		Near Bearing 9						

- 1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8" on plate surfaces.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Span 3		Far Bearing 9						
Movabl	e Bearing							
Element Number		ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	0	1	0 1	Each
515	Steel Protective Coating		1	0	0	0	1 9	Square Feet
lement Jumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8" on plate surfaces.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Span 3		Near Bearing 10						
Fixed B	earing							
Element Number	Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coatin	g	1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

- 1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8" on plate surfaces.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Span 3		Far Bearing 10						
Movable	e Bearing							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		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 Qty	

General Comments

- 1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8" on plate surfaces.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Span 3		Near Bearir	ng 11					
Fixed B	earing							
Element Number		ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Co	ating	1	0	0	0	1	Square Feet
lement lumber	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	

- 1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8" on plate surfaces.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Span 3		Far Bearing 11						
Movabl	e Bearing							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		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 Qty	

- 1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8" on plate surfaces.
- 1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Spai	n 3	Bent 2 Joir	nt					
Stan	ndard Joint							
Elen Num	. •	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourab	le Joint Seal	124	112	0	0	12	Feet
Element Number	Dofoot Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
301	Seal Adhesion	left sidewalk, joint material separat	ed with debris and v	egetation	4	7	7	7 Feet
301	Seal Damage	at right sidewalk, joint material mis debris and vegetation	sing/separated (5') w	vith	4	5	ţ	5 Feet
(General Comments							

Span	4	Deck						
Reinf	forced Concrete	Deck						
Elem Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	3,160	3,133	0	27	0 8	Square Feet
Element Number	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
12 I	Delamination/Spall	(PAR) at bent 4, right side of bear 5") with exposed rusted rebar	m 11 haunch, spall (2	25' x 5" x	3	25	25	Square Feet
12 I	Delamination/Spall	bent 4 end diaphragm, bay 7, und 8" x 6" x 1"); similar bays 8, 9 and		ls (up to	3		10	Square Feet
12 I	Delamination/Spall	underside of right overhang at be 1") with exposed rusted rebar	nt 4, (2) spalls (8" dia	ameter x	3	2	2	Square Feet
G	eneral Comments							

Span	4	Wearing	Surface					
Aspha	alt Wearing Sur	face						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	g Surface	2,720	2,620	0	100	0 S	quare Feet
lement Number	Defect Type	Defect D	escription		CS	CS Qty	Maint Qty	
510 C	Crack (Wearing Surface)	over bent 3, transverse crack (u	up to 1/4" x 100')		3	100	100	Square Fee
_8								

Spa	n 4		Le	ft Bridge Rail						
Alu	minum Bı	idge Rail								
	ment mber	Metal Bri	Element Name dge Railing		Total Qty 43	CS1 Qty 0	CS2 Qty 43	CS3 Qty 0	CS4 Qty 0 F	eet
Elemen Numbe	Dofo	ct Type	D	Defect Description			CS	CS Qty	Maint Qty	
330	Damage		at bent 4, bottom rail, im 4')	npact damage with	gouges (1/8"	deep x	2		4	Feet
330	Damage General Co	mments	along edge of sidewalk,	, map cracks (hairlir	ne x 1' x full l	ength)	2	43	43	Feet

 Element Number	Defect Type	Defect Description			CS C	S Qty	Maint Qty	
333	Other Bridge Railing		43	0	39	4	0 Feet	
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Concret	te and Metal Railing							
Span 4		Right Bridge Rail						

Ele Nu rail posts at random, (4) spalls (up to 16" x 1" x 1/2") with exposed rusted rebar $\,$ 333 Delamination/Spall 3 4 Feet 333 throughout sidewalk and end post, map cracks (hairline up to 2 Cracking 39 Feet 1/32") 333 Deterioration (Other) throughout sidewalk and rail, scale with secure aggregate 2 Feet

Spa	an 4		Beam 7						
Plat	te Girder								
		Element Name Steel Open Girder/Beam Steel Protective Coating		Total Qty 43 400	CS1 Qty 28 370	CS2 Qty 0	CS3 Qty 0	CS4 Qty 15 F	reet Square Feet
Elemer Numbe	Dofoct T	уре	Defect Description			CS	CS Qty	Maint Qty	
107	Corrosion	(3/8" remaining x 1	rrosion with section loss: 6" x 12"); bottom of web, ('); bottom flange, (0.7" ave	(1/4" remai	ning x 2"	4	15	15	Feet
515	Protective Coa	tings)	on loss			4	30	30	Square Feet
	General Comm	ents							

Span 4		Near Bearing 7						
Fixed B	earing							
Element Number	Element Name	,	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		1	0	0	0	1	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8" on plate surfaces.

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Spa	an 4	Far Bearing 7						
Mov	vable Bearing							
Nui	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movabl	e Bearing	1	0	0	0	1	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo	Defect Description	n		CS	CS Qty	Maint Qty	
311	Corrosion	(PAR) bearing frozen with pack rust			4	1		1 Each
515	Effectiveness (Steel Protective Coatings)	pack rust			4	1		1 Square Feet
	General Comments							

Spa	n 4	Beam 8						
Plat	e Girder							
		Element Name Open Girder/Beam Protective Coating	Total Qty 43 400	CS1 Qty 42 379	CS2 Qty 0 20	CS3 Qty 0		eet equare Feet
Elemen Numbe	Dofoot Typo	Defect Descr	iption		CS	CS Qty	Maint Qty	
107	Corrosion	(PAR) at bent 4, web at end diaphra 4")	gm, (3/8" remaining) x 6" x	4	1	1	Feet
515	Effectiveness (Stee Protective Coatings				4	1	1	Square Feet
515	ing (steel Protective Coatings)	ack paint peeling at random			2	20	20	Square Feet
	General Comments							

Span 4		Near Bearing 8						
Fixed B	earing							
Element Number	Element Nar	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating		1	0	0	0	1	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

¹ Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8" on plate surfaces.

¹ Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

							•	
Spa	an 4	Far Bearing 8						
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movab	le Bearing	1	0	0	0	1	Each
515	Steel F	Protective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo	Defect Descripti	on		CS	CS Qty	Maint Qty	
311	Corrosion	(PAR) bearing frozen with pack rust			4	1		1 Each
515	Effectiveness (Steel Protective Coatings)	pack rust			4	1		1 Square Feet
	General Comments							

Spar	n 4	Beam 9						
Plate	e Girder							
Elem Num 107	nber	Element Name en Girder/Beam	Total Qty 43	CS1 Qty 41	CS2 Qty 0	CS3 Qty 0	CS4 Qty 2 F	- Feet
515	Steel Pro	otective Coating	400	360	20	0	20 5	Square Feet
Element Number	Dofoot Typo	Defect Des	scription		CS	CS Qty	Maint Qty	
107	Corrosion	(PAR) at bent 4, corrosion with se diaphragm, (1/4" remaining x 1.5'			4	2	2	Feet
515	Effectiveness (Steel Protective Coatings)	rust scale and section loss			4	20	20	Square Feet
515	Peeling/Bubbling/Cracing (steel Protective Coatings)	k paint peeling at random			2	20	20	Square Feet

no ladder access to left face

Span 4		Near Bearing 9						
Fixed B	earing							
Element Number	Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	1	0	0	0	Each
515	Steel Protective Coatin	g	1	1	0	0	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

 $^{1 \ \ \}text{Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8" on plate surfaces.}$

¹ Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

							•	
Spa	n 4	Far Bearing 9						
Мо	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	e Bearing	1	0	0	0	1	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
 Elemen Numbe	Dofoot Typo	Defect Description	on		CS	CS Qty	Maint Qty	
311	Corrosion	(PAR) bearing frozen with pack rust			4	1		1 Each
515	Effectiveness (Steel Protective Coatings)	pack rust			4	1		1 Square Feet
	General Comments							

Spai	n 4	Beam 10						
Plate	e Girder							
Elen Num 107	nber	Element Name en Girder/Beam	Total Qty 43	CS1 Qty 42	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 F	eet
515	Steel Pro	otective Coating	400	359	40	0	1 S	quare Feet
Element Number	Dofoot Typo	Defect Descrip	otion		CS	CS Qty	Maint Qty	
107	Corrosion	at bent 4, web at end diaphragm, rust 1/16")	scale with pitting	(up to	2	1		Feet
515	Effectiveness (Steel	corrosion with section loss			4	1	1	Square Feet
	Protective Coatings)							
515	0 /	k paint peeling at random			2	40	40	Square Feet

Span 4		Near Bearing 10						
Fixed B	earing							
Element Number	Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	0	1	0	Each
515	Steel Protective Coating	g	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

 $^{1 \ \ \}text{Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8" on plate surfaces.}$

¹ Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

							•	
Spa	an 4	Far Bearing 10)					
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	e Bearing	1	0	0	0	1	Each
515	Steel Pi	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo	Defect Descripti	on		CS	CS Qty	Maint Qty	
311	Corrosion	(PAR) bearing frozen with pack rust			4	1		1 Each
515	Effectiveness (Steel Protective Coatings)	pack rust			4	1		1 Square Feet
	General Comments							

Spa	n 4	Beam 11						
Plate	e Girder							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	43	8	20	14	1 F	eet
515	Steel Pro	otective Coating	400	350	20	0	30 S	Square Feet
Elemen Number	Dofoot Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
107	Corrosion		(PAR) at bent 4, corrosion with section loss: web at end diaphragm, (1/4" remaining x 10" x 4")			1	1	Feet
107	Corrosion	2020 no ladder access to verify section remaining, previously noted as: BEAM 11 SPAN 4 AT BENT 4: SECTION LOSS TO BOTTOM LEFT FLANGE WITH 11/16" REMAINING AND BOTTOM 4" OF WEB WITH 7/16" REMAINING FOR 15'			3	14	15	Feet
107	Corrosion	midspan at utility connection, rust s verify remaining section)	scale (no ladder acce	ess to	2			Feet
107	Corrosion	top and bottom flanges, rust scale	(20')		2	20		Feet
515	Effectiveness (Steel Protective Coatings)	rust scale and section loss	rust scale and section loss			30	30	Square Feet
515	Peeling/Bubbling/Cracing (steel Protective Coatings)	k paint peeling at random			2	20	20	Square Feet

ement	Defect Type	Defect Description	<u>'</u>			CS Qty	Maint Qty	<u>'</u>
515	Steel Protective Coating		1	0	0	0	1	Square Feet
313	Fixed Bearing		1	0	0	1	0	Each
Element Number		e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed B	earing							
Span 4		Near Bearing 11						

¹ Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8" on plate surfaces.

¹ Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

Spa	an 4		Far Bearing 11						
Мо	vable Bearing								
	ment mber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	e Bearing		1	0	0	1	0	Each
515	Steel Pr	otective Coating		1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo		Defect Description			CS	CS Qty	Maint Qty	
311	Corrosion	pack rust				3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	pack rust				4	1		1 Square Feet
	General Comments								

	Bent 3 Joi	nt					
rd Joint							
t r	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Pourab	le Joint Seal	124	115	0	0	9 F	eet
Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
al Adhesion	left sidewalk, joint material separa	left sidewalk, joint material separated with debris and vegetation		4	7	7	Feet
301 Seal Damage at right sidewalk, vegetation		ssing (2') with debris	and	4	2	2	Feet
	rd Joint t Pourab Defect Type al Adhesion	rd Joint t Element Name Pourable Joint Seal Defect Type Defect Des al Adhesion left sidewalk, joint material separa	rd Joint t Element Name Qty Pourable Joint Seal 124 Defect Type Defect Description al Adhesion left sidewalk, joint material separated with debris and v al Damage at right sidewalk, joint material missing (2') with debris	rd Joint t Element Name Qty Qty Pourable Joint Seal 124 115 Defect Type Defect Description al Adhesion left sidewalk, joint material separated with debris and vegetation at right sidewalk, joint material missing (2') with debris and	rd Joint t Element Name Qty Qty Qty Pourable Joint Seal 124 115 0 Defect Type Defect Description CS al Adhesion left sidewalk, joint material separated with debris and vegetation 4 al Damage at right sidewalk, joint material missing (2') with debris and 4	Total CS1 CS2 CS3 Element Name Qty Qty Qty Qty Qty Pourable Joint Seal 124 115 0 0 Defect Type Defect Description CS CS Qty al Adhesion left sidewalk, joint material separated with debris and vegetation 4 7 al Damage at right sidewalk, joint material missing (2') with debris and 4 2	Total CS1 CS2 CS3 CS4 Element Name Qty Qty Qty Qty Qty Qty Pourable Joint Seal 124 115 0 0 9 F Defect Type Defect Description CS CS Qty Maint Al Adhesion left sidewalk, joint material separated with debris and vegetation 4 7 7 al Damage at right sidewalk, joint material missing (2') with debris and 4 2 2

_								
Spa	n 5	Deck						
Reir	nforced Concrete	Deck						
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	3,160	3,131	27	2	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descr	iption		CS	CS Qty	Maint Qty	
12	Delamination/Spall	bent 4 end diaphragm, bay 10, at be with exposed rusted rebar	bent 4 end diaphragm, bay 10, at beam 11, spall (18" x 3" x 4") with exposed rusted rebar				2	2 Square Feet
12	Delamination/Spall	bent 4 end diaphragm, bay 7 at bear exposed rusted rebar	bent 4 end diaphragm, bay 7 at beam 7, spall (2' x 18" x 2") with exposed rusted rebar				2	2 Square Feet
12	Delamination/Spall	bent 4 end diaphragm, bay 9, at bea 1' x 3") with exposed rusted rebar	ım 9, delaminatior	n/spall (4' x	3		2	Square Feet
12	Delamination/Spall	bent 4 end diaphragm, right overhan exposed rusted rebar	ng, spall (12" x 6" :	x 2") with	3		1	Square Feet
12	Delamination/Spall	underside, bay 6, at end bent 2, (3) with exposed rusted rebar	underside, bay 6, at end bent 2, (3) spalls (7" diameter x 1")			2	2	2 Square Feet
12	Damage	right edge of deck, vegetation (15')			2			Square Feet
12	Efflorescence/Rust Staining	underside, bay 4, (2) transverse cracefflorescence, similar bay 6	cks (hairline x 6') v	with	2	24		Square Feet

2

3

3 Square Feet

underside of right overhang at bent 4, transverse crack (1/32" x

Cracking (RC and Other)

General Comments

12

5	Wearing Su	urface					
alt Wearing Surf	ace						
nt er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Wearing	Surface	2,720	2,510	0	210	0 S	quare Feet
Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
Crack (Wearing Surface)	at random, transverse cracks (up to	o 1/8" x 3')		3	10	10	Square Feet
Crack (Wearing Surface)	over bent 4, transverse crack (up to	o 1/4" x 100')		3	100	100	Square Feet
Crack (Wearing Surface)	UP TO 0.25" TRANSVERSE CRAC SURFACE OVER END BENT 2	CKS IN ASPHALT	WEARING	3	100	100	Square Feet
	Defect Type rrack (Wearing urface) rrack (Wearing urface) rrack (Wearing urface) rrack (Wearing urface)	alt Wearing Surface The Element Name Wearing Surface Defect Type Defect Descrack (Wearing at random, transverse cracks (up to urface) Track (Wearing over bent 4, transverse crack (up to urface) Track (Wearing UP TO 0.25" TRANSVERSE CRACK	Alt Wearing Surface Inter Element Name Qty Wearing Surface 2,720 Defect Type Defect Description Frack (Wearing at random, transverse cracks (up to 1/8" x 3') Frack (Wearing over bent 4, transverse crack (up to 1/4" x 100') Frack (Wearing urface) Frack (Wearing UP TO 0.25" TRANSVERSE CRACKS IN ASPHALT V	Alt Wearing Surface Inter Element Name Qty Qty Wearing Surface 2,720 2,510 Defect Type Defect Description Frack (Wearing at random, transverse cracks (up to 1/8" x 3') Frack (Wearing over bent 4, transverse crack (up to 1/4" x 100') Frack (Wearing over bent 4, transverse crack (up to 1/4" x 100') Frack (Wearing over bent 4, transverse crack (up to 1/4" x 100') Frack (Wearing over bent 4, transverse crack (up to 1/4" x 100')	Alt Wearing Surface Interest Element Name Representation of the proof	Alt Wearing Surface Intersect Element Name Element Name Qty	Alt Wearing Surface Intersect Element Name

Span 8	5	Left Bridge	e Rail					
Alumi	num Bridge Ra	il						
Elemer Numbe 330	er	Element Name ridge Railing	Total Qty 43	CS1 Qty 0	CS2 Qty 43	CS3 Qty 0	CS4 Qty 0 Feet	
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
330 D	amage	along edge of sidewalk, map crack similar at concrete end post	s (hairline x 1' x full le	ength),	2	43	43 Feet	_

General Comments

Spa	ın 5	Right Bridge	Rail					
Cor	ncrete and Metal R	ailing						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bi	ridge Railing	43	0	26	3	14 F	eet
Elemen Numbe	Dofoot Typo	Defect Descrip	otion		CS	CS Qty	Maint Qty	
333	Damage	(PAR) at bent 4, impact damage (14') and exposed rusted rebar	with multiple broke	en posts	4	14	14	Feet
333	Delamination/Spall	at end bent 2, corner of sidewalk, spa	all (16" x 5" x 1.5")		3	2	2	Feet
333	Delamination/Spall	at end bent 2, rail post, spall (12" x 5' rebar	x 1") with exposed	d rusted	3	1	1	Feet
333	Cracking	at midspan, sidewalk, transverse crad	ck (1/32" x 3')		2	1		Feet
333	Delamination/Spall	rail post at random, (3) spalls (up to 5 rusted rebar	" x 2" x 1/2") with e	exposed	2	3	3	Feet
333	Damage	along top of sidewalk, vegetation (1' v	wide x 20')		2			Feet
333	Deterioration (Other)	throughout sidewalk and rail, scale w	ith secure aggrega	te	2	22		Feet

General Comments

Spa	an 5		В	eam 7						
Pla	te Girder									
	ement mber	Steel One	Element Name en Girder/Beam		Total Qty 42	CS1 Qty 38	CS2 Qty 0	CS3 Qty 0	CS4 Qty	- eet
515			rective Coating		390	378	0	0		Square Feet
Eleme	Dofoct 7	Гуре		Defect Description			CS	CS Qty	Maint Qty	
107	Corrosion		2" DIAMETER HOLE	other notes) BEAM 7 SI IN WEB AT DIAPHRAC 0.25" REMAINING AR	HTIW ME	3"	4		•	Feet
107	Corrosion		average remaining x 2	sion with section loss: to 2.5'); web at end diaphra; bottom of web, (5/16"	agm, (1/4"	• •	4	4	4	Feet
515	Effectiveness Protective Co		corrosion with section	loss			4	12	12	Square Feet
	General Comr	nents								

Spa	an 5			Near Bearing 7						
Mo	vable B	earing								
	ement mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing		1	0	0	0	1	Each
515		Steel Pro	otective Coating		1	0	0	0	1	Square Feet
Elemei Numbe	Da	efect Type		Defect Description			cs	CS Qty	Maint Qty	
311	Corrosio	on	(PAR) bearing froze edge of plate	n with pack rust and 1/8	" section lo	oss at	4	1	•	1 Each
515		eness (Steel ve Coatings)	pack rust				4	1	•	1 Square Feet
	General	Comments								

Spa	an 5			Beam 8						
Pla	te Girder									
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Op	en Girder/Beam		42	41	1	0	0	Feet
515		Steel Pro	tective Coating		390	389	0	0	1	Square Feet
Elemei Numbe	Dofoot :	Туре		Defect Descriptio	n		CS	CS Qty	Maint Qty	
107	Corrosion		at bent 4, web and 1/16")	bottom flange, rust sc	ale with pitting	(up to	2	1		Feet
515	Effectiveness Protective Co	`	corrosion with secti	on loss			4	1		1 Square Feet
	General Com	ments								

Spai	n 5	Near B	Bearing 8					
Mov	able Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	0	1	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Element Number	Dofoot Typo	Defect	Description		CS	CS Qty	Maint Qty	
311	Corrosion	(PAR) bearing frozen with pa	ck rust		4	1		1 Each
515	Effectiveness (Steel Protective Coatings)	pack rust			4	1		1 Square Feet
(General Comments							

Span	n 5		Far Bearing 8						
Fixed	d Bearing								
Elem Num		Element Name)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixe	d Bearing		1	0	1	0	0	Each
515	Stee	el Protective Coating		1	0	0	0	1	Square Feet
Element Number	Defect Type		Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion	rust scale				2	1		Each
	Effectiveness (Ste Protective Coating					4	1		1 Square Feet
G	Seneral Comment	S							

Spa	an 5			Beam 9							
Pla	te Girder										
	ement mber	Steel Op	Element Name en Girder/Beam		Total Qty 42	CS1 Qty 40	CS2 Qty 0	CS3 Qty 0	CS4 Qty 2 F	Feet	
515		Steel Pro	tective Coating		390	380	0	0	10 8	Square Feet	
Elemei Numbe	Dofoct	Туре		Defect Description			CS	CS Qty	Maint Qty		
107	Corrosion			rosion with section loss maining x 14" x 5"); bott			4	2	2	Feet	
515	Effectiveness Protective Co		corrosion with section	on loss			4	10	10	Square Feet	
	General Com	ments									

Span 5	i	1	Near Bearing 9						
Movab	le Bearing								
Elemen Number	r	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing		1	0	0	0	1 E	Each
515	Steel Pr	otective Coating		1	0	0	0	1 5	Square Feet
Element Number	Defect Type		Defect Description			CS	CS Qty	Maint Qty	
311 Co	rrosion	(PAR) bearing frozen	with pack rust			4	1	1	Each
515 Eff	ectiveness (Steel	pack rust				4	1	1	Square Feet

Protective Coatings)
General Comments

5	Beam 10						
Girder							
ent ber Steel Op	Element Name en Girder/Beam	Total Qty 42	CS1 Qty 40	CS2 Qty 0	CS3 Qty 0	CS4 Qty 2 F	eet
Steel Pro	otective Coating	390	367	15	0	8 8	Square Feet
Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
Corrosion	at bent 4, corrosion with section lodiaphragm, (1/16" loss x 2" x 1.5')	ss: bottom of web an	d at end	4	2	2	Feet
Effectiveness (Steel Protective Coatings)	corrosion with section loss			4	8	8	Square Feet
Peeling/Bubbling/Cracing (steel Protective Coatings)	k paint peeling at random			2	15	15	Square Feet
	Defect Type Corrosion Effectiveness (Steel Protective Coatings) Peeling/Bubbling/Cracing (steel Protective	ent ber Element Name Steel Open Girder/Beam Steel Protective Coating Defect Type Defect Desc Corrosion at bent 4, corrosion with section los diaphragm, (1/16" loss x 2" x 1.5") Effectiveness (Steel corrosion with section loss Protective Coatings) Peeling/Bubbling/Crack paint peeling at random ing (steel Protective	ent Defect Type Defect Description Corrosion at bent 4, corrosion with section loss: bottom of web and diaphragm, (1/16" loss x 2" x 1.5') Effectiveness (Steel Protective Coatings) Peeling/Bubbling/Crack paint peeling at randoming (steel Protective	ent ber Element Name Qty Qty Steel Open Girder/Beam 42 40 Steel Protective Coating 390 367 Defect Type Defect Description Corrosion at bent 4, corrosion with section loss: bottom of web and at end diaphragm, (1/16" loss x 2" x 1.5') Effectiveness (Steel corrosion with section loss Protective Coatings) Peeling/Bubbling/Crack paint peeling at random ing (steel Protective	ent Element Name Qty Qty Qty Steel Open Girder/Beam 42 40 0 Steel Protective Coating 390 367 15 Defect Type Defect Description CS Corrosion at bent 4, corrosion with section loss: bottom of web and at end diaphragm, (1/16" loss x 2" x 1.5') Effectiveness (Steel corrosion with section loss 4 Protective Coatings) Peeling/Bubbling/Crack paint peeling at random ing (steel Protective	ent Blement Name Qty Qty Qty Qty Qty Steel Open Girder/Beam 42 40 0 0 0 Steel Protective Coating 390 367 15 0 Defect Type Defect Description CS CS Qty Corrosion at bent 4, corrosion with section loss: bottom of web and at end diaphragm, (1/16" loss x 2" x 1.5') Effectiveness (Steel corrosion with section loss Peeling/Bubbling/Crack paint peeling at random ing (steel Protective	ent ber Element Name Qty

Spa	an 5	Near Bearing 10						
Mov	vable Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	e Bearing	1	0	0	0	1	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo	Defect Description	l		CS	CS Qty	Maint Qty	
311	Corrosion	(PAR) bearing frozen with pack rust			4	1		1 Each
515	Effectiveness (Steel Protective Coatings)	pack rust			4	1		1 Square Feet
	General Comments							

Spa	n 5			Beam 11						
Plat	e Girder									
	ment nber	Steel Ope	Element Name en Girder/Beam		Total Qty 42	CS1 Qty 40	CS2 Qty 0	CS3 Qty 0	CS4 Qty 2	Feet
515		Steel Pro	tective Coating		390	340	40	0	10	Square Feet
Elemen Numbe	Dofoct	Гуре		Defect Description			CS	CS Qty	Maint Qty	
107	Corrosion		, ,	rosion with section lose aining x 2'); web at end ')		0 /	4	2	2	2 Feet
515	Effectiveness Protective Co		corrosion with section	on loss			4	10	10) Square Feet
515	Peeling/Bubb ing (steel Pro Coatings)	•	paint peeling at rand	dom			2	40	40) Square Feet
•	General Comr	nents								

Spa	n 5	Near	Bearing 11					
Mov	able Bearing							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	0	1	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Number	Dofoot Typo	Defe	ct Description		CS	CS Qty	Maint Qty	
311	Corrosion	(PAR) bearing frozen with p	oack rust		4	1		1 Each
515	Effectiveness (Steel Protective Coatings)	pack rust			4	1		1 Square Feet
(General Comments							

Spar	n 5		Far Bearing 11						
Fixe	d Bearing								
Elem Num		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixe	d Bearing		1	0	1	0	0	Each
515	Stee	el Protective Coating		1	0	0	0	1	Square Feet
Element Number	Dofoot Typo		Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion	rust scale				2	1		Each
515	Effectiveness (Ste Protective Coating					4	1		1 Square Feet
(General Comment	S							

Spa	n 5	Bent 4 Joint						
Star	ndard Joint							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourab	le Joint Seal	124	92	0	20	12 F	eet
Elemen Number	Dofoot Typo	Defect Descri	iption		CS	CS Qty	Maint Qty	
301	Seal Adhesion	left sidewalk, joint material separated	d with debris and ve	egetation	4	7	7	Feet
301	Seal Damage	at right sidewalk, joint material missi	ng		4	5	5	Feet
301	Leakage	at random, active dripping			3	20	20	Feet
(General Comments							

Ber	t 1	Cap 1						
Rei	nforced Concrete	e Pier Cap						
	ment nber Reinfol	Element Name rced Concrete Pier Cap	Total Qty 111	CS1 Qty 63	CS2 Qty 0	CS3 Qty 48	CS4 Qty 0 F	eet
Elemer Numbe	Dofoot Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	span 1 face, below beam 7, longitu	ıdinal crack (1/16" x 3	3')	3		3	Feet
234	Cracking (RC and Other)	span 2 face, below beams 7 - 11, li with areas of delaminations/spalls with some rust stains			3	48	48	Feet

or: 110000						اما	anaatian D	
	span 1 face, top com	ner, longitudinal crack (1	/16" x 9') wit	h	3	in	•	Feet
er)	delamination/spall (6	6" x 1"), similar bottom co	orner					Feet
	3") with exposed rus	sted rebar						Feet
	exposed rusted reba	ar						
			on (5' x 2' x 1	1.5")	3		5	Feet
<u> </u>	span 1 face, bay 9, t	top corner, delamination	(2.5' x 6")		2		3	Feet
rai Comments								
		Pile 1						
le								
			Total	CS1	CS2	CS3	CS4	
	Element Name		Qty	Qty	Qty	Qty	Qty	
Steel Pile			1	1	0	0	0 E	ach
Defect Type		Defect Description			CS	CS Qty	Maint Qty	
eral Comments								
(reinforced concrete	encasement, not pre	estressed concrete)						
		Pile 2						
le								
			Total	CS1	CS2	CS3	CS4	
Steel Pile			Qty 1	Qty 1	Qty 0	Qty 0	Qty 0 E	ach
Defect Type		Defect Description			CS	CS Qty	Maint Qty	
eral Comments								
(reinforced concrete	onaccoment not or	actracead concreta)						
	e encasement, not pro	estressed concrete)						
	· .	Pile 3						
le	· .	·						
le		·	Total	CS1	CS2	CS3	CS4	
	Element Name	·	Qty	Qty	Qty	Qty	Qty	ach
	Element Name	·					Qty 0 E	ach
	Element Name	·	Qty	Qty	Qty	Qty	Qty	ach
Steel Pile	Element Name	Pile 3	Qty	Qty	Qty 0	Qty 0	Qty 0 E Maint	ach
Steel Pile Defect Type eral Comments	Element Name	Pile 3 Defect Description	Qty	Qty	Qty 0	Qty 0	Qty 0 E Maint	ach
Steel Pile Defect Type eral Comments	Element Name	Pile 3 Defect Description	Qty	Qty	Qty 0	Qty 0	Qty 0 E Maint	ach
Steel Pile Defect Type eral Comments	Element Name	Pile 3 Defect Description estressed concrete)	Qty	Qty	Qty 0	Qty 0	Qty 0 E Maint	ach
Steel Pile Defect Type eral Comments (reinforced concrete	Element Name	Pile 3 Defect Description estressed concrete)	Qty	Qty	Qty 0	Qty 0	Qty 0 E Maint	ach
Steel Pile Defect Type eral Comments (reinforced concrete	Element Name e encasement, not pre	Pile 3 Defect Description estressed concrete)	Qty 1	Qty 1	Qty 0	Qty 0	Qty 0 E Maint Qty	
Steel Pile Defect Type eral Comments (reinforced concrete	Element Name e encasement, not pre	Pile 3 Defect Description estressed concrete)	Qty 1	Qty 1	Qty 0 CS	Qty 0 CS Qty	Qty 0 E Maint Qty	
	er) amination/Spall amination/	cking (RC and er) span 1 face, top cordelamination/spall (PAR) span 1 face, I 3") with exposed rusted rebarrantion/Spall span 2 face, below with exposed rusted rebarrantion/Spall span 1 face, bay 9, 1 eral Comments The Element Name Steel Pile Element Name Steel Pile	span 1 face, top corner, longitudinal crack (1 delamination/spall (6" x 1"), similar bottom cornamination/Spall (PAR) span 1 face, below bay 9, bottom cornamination/Spall span 2 face, below beam 8, spall/delamination/spall span 2 face, below beam 9, spall/delamination/spall span 1 face, below beam 9, spall/delamination/spall span 1 face, bay 9, top corner, delamination span 1 face, bay 9, top corner, delamination span 1 face, bay 9, top corner, delamination span 1 face bar span 1 face, bay 9, top corner, delamination span 1 face bar span 1 face, bay 9, top corner, delamination span 1 face bar span 2 face, below bas 9, spall/delamination span 2 face, below beam 8, spall/delamination span 2 face, below beam 9, spall/delamination span 2 face, below beam 8, spall/delamination span 2 face, below beam 9, spall/delamination span 2 face, below beam 9, spall/delamination span 2 face, below beam 8, spall/delamination span 2 face, below beam 8, spall/delamination span 2 face, below beam 9, spal	span 1 face, top corner, longitudinal crack (1/16" x 9") with delamination/Spall (6" x 1"), similar bottom corner (PAR) span 1 face, below bay 9, bottom corner, spall (5" 3") with exposed rusted rebar span 2 face, below beam 8, spall/delamination (2" x 2" x 1 exposed rusted rebar span 2 face, below beam 9, spall/delamination (5" x 2" x 1 with exposed rusted rebar span 1 face, bay 9, top corner, delamination (2.5" x 6") arail Comments Pile 1 Belement Name Pile 1 Defect Type Defect Description Pile 2 Belement Name Steel Pile Flement Name Pile 2 Defect Type Defect Description Pofect Type Defect Description Pofect Description Defect Type Defect Description	span 1 face, top corner, longitudinal crack (1/16" x 9") with delamination/spall (6" x 1"), similar bottom corner (PAR) span 1 face, below bay 9, bottom corner, spall (5' x 8" x 3") with exposed rusted rebar span 2 face, below beam 8, spall/delamination (2' x 2' x 1") with exposed rusted rebar span 2 face, below beam 9, spall/delamination (5' x 2' x 1.5") with exposed rusted rebar span 2 face, below beam 9, spall/delamination (5' x 2' x 1.5") with exposed rusted rebar span 1 face, bay 9, top corner, delamination (2.5' x 6") Pile 1 Be Element Name Pile 1 Defect Type Defect Description Pile 2 Be Element Name Steel Pile Fle 2 Be Element Name Defect Description Defect Type Defect Description	cking (RC and er) span 1 face, top corner, longitudinal crack (1/16" x 9") with delamination/spall (6" x 1"), similar bottom corner (PAR) span 1 face, below bay 9, bottom corner, spall (5' x 8" x 3 3") with exposed rusted rebar span 2 face, below beam 8, spall/delamination (2' x 2' x 1") with exposed rusted rebar span 2 face, below beam 9, spall/delamination (5' x 2' x 1.5") 3 with exposed rusted rebar span 1 face, bay 9, top corner, delamination (5' x 2' x 1.5") 3 with exposed rusted rebar span 1 face, bay 9, top corner, delamination (2.5' x 6") 2 eral Comments Pile 1 Be Element Name Defect Type Defect Description CS Pile 2 Element Name Steel Pile For all CS1 CS2 CS2 CS3 CS3 CS3 CS4 CS4 CS4 CS4 CS4 CS5 CS4 CS5	Steel Pile Steel Pile Pile	Cocking (RC and span 1 face, top corner, longitudinal crack (1/16" x 9") with delamination/spall (6" x 1"), similar bottom corner amination/Spall (PAR) span 1 face, below bay 9, bottom corner, spall (5" x 8" x 3") with exposed rusted rebar amination/Spall span 2 face, below beam 8, spall/delamination (2" x 2" x 1") with 3 4 exposed rusted rebar span 2 face, below beam 9, spall/delamination (5" x 2" x 1.5") 3 5 5 3 with exposed rusted rebar span 1 face, bay 9, top corner, delamination (5" x 2" x 1.5") 3 5 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7

		110000							oposiion Bato. <u>0172</u>	172020
Bent	1			Pile 5						
Steel	Pile									
Eleme	ent				Total	CS1	CS2	CS3	CS4	
Numb			Element Name		Qty	Qty	Qty	Qty	Qty	
225		Steel Pile			1	1	0	0	0 Each	
Element									Maint	
Number	D	efect Type		Defect Description			CS	CS Qty	Qty	
Ge	eneral	Comments								
	(re	inforced concrete e	encasement, not pr	restressed concrete)						
Bent	1			Pile 6						
Steel										
Sieei	FIIE									
Eleme Numb			Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Jei	Steel Pile	Liement Name		Q(y 1	Qiy 1	Q(y	Qty 0	0 Each	
					-					
Element Number	D	efect Type		Defect Description			CS	CS Qty	Maint Qty	
G	eneral	Comments								
0.			encasement, not pr	restressed concrete)						
D			, p .							
Bent				Pile 7						
Steel	Pile									
Eleme	ent				Total	CS1	CS2	CS3	CS4	
Numb	er		Element Name		Qty	Qty	Qty	Qty	Qty	
225		Steel Pile			1	1	0	0	0 Each	
lement Number	D	efect Type		Defect Description			CS	CS Qty	Maint Qty	
_										_
Ge		Comments		tdt-\						
	(ге	inforced concrete e	encasement, not pr	restressed concrete)						
Bent	1			Pile 8						
Steel	Pile									
Eleme					Total	CS1	CS2	CS3	CS4	
Numb			Element Name		Qty	Qty	Qty	Qty	Qty	
225		Steel Pile			1	1	0	0	0 Each	
									Maint	
Number	D	efect Type		Defect Description			CS	CS Qty	Qty	
Ge	eneral	Comments								_
			encasement, not pr	restressed concrete)						
Bent	1			Pile 9						
				1 116 3						
Steel	Pile									
Eleme			Element Name		Total	CS1	CS2	CS3	CS4	
Numb 225	er	Steel Pile	Element Name		Qty 1	Qty 1	Qty 0	Qty 0	Qty 0 Each	
		Older i lie			· ·	<u> </u>	<u>.</u>			
Element	D	efect Type		Defect Description			CS	CS Qty	Maint	
Number) -							Qty	

General Comments

(reinforced concrete encasement, not prestressed concrete)

Bent 1		Pile 10						
Steel Pile								
Element Number 225	Element Name Steel Pile)	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Element Number Defect	Туре	Defect Description			CS	CS Qty	Maint Qty	
225 Damage	vertical crack (1/1	6" x 2')			3	1	Each	

(reinforced concrete encasement, not prestressed concrete)

Bent 1			Pile 11					
Steel Pi	ile							
Element Number 225		Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each
Element Number	Defect Type		Defect Description			CS	CS Qty	Maint Qty
225 Dar	mage	vertical cracks (up to	1/4" x 2')			3	1	Each

General Comments

(reinforced concrete encasement, not prestressed concrete)

225 Dam	nage	vertical cracks (up to 1/8" x 2')			3	1	Each	
 Element Number	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
Element Number 225	Steel Pil	Element Name e	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Each	
Steel Pil	е							
Bent 1		Pile 12						

General Comments

(reinforced concrete encasement, not prestressed concrete)

Bent 1	Pile	13				
Steel Pile						
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
225	Steel Pile	1	0	0	1	0 Each
Element Number Defect T	ype De	ect Description		CS	CS Qty	Maint Qty
225 Damage	vertical cracks (up to 1/4'	x 2')		3	1	Each

General Comments

Inspection Date: 01/21/2020 Structure Number: 110099

Bent 1	Pile 14					
Steel Pile						
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
225 Ste	el Pile	1	0	0	1	0 Each
Element Number Defect Type	e Defect Descr	iption		CS	CS Qty	Maint Qty
225 Damage	vertical cracks (up to 1/8" x 2')			3	1	Each

General Comments

(reinforced concrete encasement, not prestressed concrete)

Bent 1		Pil	le 15				
Steel P	rile						
Elemen Numbe		Element Name	Tota Qty		CS2 Qty	CS3 Qty	CS4 Qty
225	Steel Pil	е	1	0	1	0	0 Each
Element Number	Defect Type	D	Defect Description		CS	CS Qty	Maint Qty
225 Da	mage	vertical cracks (up to 1/3	32" x 2')		2	1	Each

General Comments

End	d Bent 1	Abutment						
Rei	nforced Concrete	Abutment						
	ment mber Reinfor	Element Name ced Concrete Abutment	Total Qty 130	CS1 Qty 125	CS2 Qty 4	CS3 Qty 1	CS4 Qty 0 F	- eet
Elemer Numbe	Defect Tune	Defect Description	n		CS	CS Qty	Maint Qty	
215	Delamination/Spall	bay 9 at beam 10, bottom flange, spall (8 8 and bay 7	" x 2" x 1"), sir	nilar bay	3	1	1	Feet
215	Delamination/Spall	right side of beam 11, bottom flange spall	I (5" x 3" x 1/2	")	2	1	1	Feet
215	Cracking (RC and Other)	right overhang at utility penetration, map efflorescence	cracks (hairlin	e) with	2	3		Feet
	General Comments							

End	Bent 1	Cap 1						
Reir	nforced Concrete	Pier Cap						
	ment nber Reinfor	Element Name ced Concrete Pier Cap	Total Qty 111	CS1 Qty 101	CS2 Qty 4	CS3 Qty 6	CS4 Qty 0 F	- eet
Elemen Numbe	Dofoct Typo	Defect Descrip	otion		CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	face of cap, below beam 11, longitudi delamination (16" x 10")	inal crack (1/16" x	2') with	3	2	2	Feet
234	Delamination/Spall	face of cap, below beam 7, spall/dela	mination (3.5' x 1.5	5' x 1")	3	4	4	Feet
234	Cracking (RC and Other)	at random, vertical cracks (1/32" x 6"))		2	4		Feet
-	General Comments							

Ben	t 2	Cap 1						
Reir	nforced Concrete	Pier Cap						
Nun	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfor	ced Concrete Pier Cap	111	109	0	2	0 Feet	
Elemen Numbe	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
234	234 Delamination/Spall BENT 2 CAP: 18" X TO TEMPORARY F		R DELAMINATION AD R BEAM 8	JACENT	3	2	5 Feet	_

General Comments

- 3 Feet of Patched Area: Epoxy patched area that is sound under beam 7 on west face.
- 4 Feet of Patched Area: Patched area that is sound with steel plate material under beam 8 west face.
- 6 Feet of Patched Area: Patched area that is sound with steel plate material under beam 9 west face.
- 6 Feet of Patched Area: Patched area that is sound with steel plate material under beam 10 on west face.
- 6 Feet of Patched Area: Patched area that is sound with steel plate material on west face and right end under beam 11.

Bent 2		Pile 15						
Steel Pile								
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pi	le	1	0	0	1	0	Each
515	Steel Pr	otective Coating	122	122	0	0	0	Square Feet
Element Number De	efect Type	Defect De	escription		CS	CS Qty	Maint Qty	
225 Corrosio	on	BENT 2 PILE 15: SECTION LOS TOP 3'	SS WITH 3/8" REMAIN	ING ON	3	1	,	3 Each
General	Comments							

End	d Bent 2	Abutment									
Reinforced Concrete Abutment											
	ement mber Reinfor	Element Name ced Concrete Abutment	Total Qty 130	CS1 Qty 95	CS2 Qty 27	CS3 Qty 8	CS4 Qty 0 F	eet			
Eleme Numbe	Dofoct Typo	Defect Descript	ion		CS	CS Qty	Maint Qty				
215	Delamination/Spall	bay 6, at beam 7 bottom flange, spall (12" x 3" x 1")		3	1	1	Feet			
215	Efflorescence/Rust Staining	bay 6, horizontal cracks (1/32" x 7') with	n efflorescence b	uildup	3	7	7	Feet			
215	Cracking (RC and Other)	bay 1, multiple vertical and diagonal crabbay 2	acks (1/32" x 3'),	similar	2	18		Feet			
215	Cracking (RC and Other)	left end, (3) diagonal cracks (1/32" x 5') (hairline)	with map cracks	•	2	9		Feet			
	General Comments			-			-				

ent 2	Cap 1						
rced Concrete	Pier Cap						
ıt r	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Reinford	ed Concrete Pier Cap	111	95	15	1	0 F	Feet
Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
acking (RC and her)	at beam 5, vertical crack (1/16" x 2	?') at cold joint		3	1	2	Feet
florescence/Rust aining	at random, vertical cracks (hairline	x up to 2') with efflore	escence	2	15		Feet
f	Reinford Defect Type acking (RC and her)	r Element Name Reinforced Concrete Pier Cap Defect Type Defect Desc acking (RC and at beam 5, vertical crack (1/16" x 2 her) florescence/Rust at random, vertical cracks (hairline aining	Reinforced Concrete Pier Cap 111 Defect Type Defect Description acking (RC and at beam 5, vertical crack (1/16" x 2') at cold joint her) florescence/Rust at random, vertical cracks (hairline x up to 2') with efflore aning	Reinforced Concrete Pier Cap 111 95 Defect Type Defect Description acking (RC and her) Plorescence/Rust at random, vertical cracks (hairline x up to 2') with efflorescence aining	Reinforced Concrete Pier Cap Qty Qty Qty Reinforced Concrete Pier Cap 111 95 15 Defect Type Defect Description CS acking (RC and at beam 5, vertical crack (1/16" x 2') at cold joint 3 her) florescence/Rust at random, vertical cracks (hairline x up to 2') with efflorescence 2 aining	Reinforced Concrete Pier Cap Qty Qty Qty Qty Qty Qty Reinforced Concrete Pier Cap 111 95 15 1 Defect Type Defect Description CS CS Qty acking (RC and at beam 5, vertical crack (1/16" x 2') at cold joint 3 1 her) florescence/Rust at random, vertical cracks (hairline x up to 2') with efflorescence 2 15 aining	Reinforced Concrete Pier Cap Defect Type Defect Description CS CS Qty Maint Qty acking (RC and at beam 5, vertical crack (1/16" x 2') at cold joint alternation at random, vertical cracks (hairline x up to 2') with efflorescence 2 15

Ber	nt 4	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap 111 71				2	38	0 F	eet
Elemer Numbe	Dofoot Typo	Defect Description	1		CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	(combined with other notes 2020) BENT 4 UP TO 0.25" WIDE HORIZONTAL CRAC EAST FACE BELOW BEAMS 9-11 (SIMIL TOP)	K AT BOTTO	M OF	3			Feet
234	Cracking (RC and Other)	span 5 face at beam 7, vertical crack (1/1 efflorescence	6" x 2') with		3	1	1	Feet
234	Delamination/Spall	(PAR) span 5 face, from beam 8 to 11, lo x 30') at top and bottom corners with dela height x 30') and spalls (19' x up to 20" x rusted rebar; cracks and delamination sim	mination (up t 2") with expos	to fuÌl sed	3	30	120	Feet
234	Delamination/Spall	span 5 face, bay 7, delamination/spall (7' longitudinal crack (1/8"); similar span 4 fa		th	3	7	14	Feet
234	Cracking (RC and Other)	left end, map cracks (hairline x 2' x full he	ight)		2	2		Feet
	General Comments							

no ladder access to span 4 face due to slope

Bent 4		Pile 1						
Steel P	ile							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	

General Comments

Bent 4		Pile 2						
Steel P	ile							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

(reinforced concrete encasement, not prestressed concrete)

Bent 4		Pile 3						
Steel F	Pile							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

(reinforced concrete encasement, not prestressed concrete)

Bent 4		Pile 4						
Steel P	Pile							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

(reinforced concrete encasement, not prestressed concrete)

Bent 4		Pile 5						
Steel F	Pile							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

(reinforced concrete encasement, not prestressed concrete)

Bent 4		Pile 6						
Steel P	ile							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Defect Type	Defect Description	1		cs	CS Qty	Maint Qty	

General Comments

Bent 4		Pile 7						
Steel P	ile							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

(reinforced concrete encasement, not prestressed concrete)

Bent 4		Pile 8						
Steel F	ile							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

(reinforced concrete encasement, not prestressed concrete)

Bent 4		Pile 9						
Steel P	ile							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

(reinforced concrete encasement, not prestressed concrete)

Bent 4		Pile 10						
Steel P	ile							
Elemen Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Bent 4		Pile 11						
Steel F	Pile							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Defect Type	Defect Descrip	otion		CS C	CS Qty	Maint Qty	_

General Comments

(reinforced concrete encasement, not prestressed concrete)

Bent 4		Pile 12						
Steel P	Pile							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

(reinforced concrete encasement, not prestressed concrete)

Bent 4		Pile 13						
Steel P	ile							
Elemen Numbe		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

(reinforced concrete encasement, not prestressed concrete)

Ber	nt 4	Pile 14						
Ste	el Pile							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Elemer Numbe	Dofoct Typo	Defect Descriptio	n		CS	CS Qty	Maint Qty	
225	Damage	span 5 face, at top, delamination/spall (1	5" x 18" x 1/2")		3	1		Each
226	Delamination/Spall	span 5 face, at top, delamination/spall (1	5" x 18" x 1/2")		3	1	2	Each
	General Comments							

(reinforced concrete encasement, not prestressed concrete)

Bent	t 4	Pile 15						
Stee	el Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Dofoot Typo	Defect Description			cs	CS Qty	Maint Qty	
225	Damage	vertical crack (1/8" x 2')			3	1		Each

General Comments

Bent 4	1	Pile 17						
Steel	Pile							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Defect Type	Defect Descripti	ion		CS	CS Qty	Maint Qty	
225 D	amage	vertical crack (1/8" x 2')			3	1		Each
Ge	neral Comments							

(reinforced concrete encasement, not prestressed concrete)

Bent 4		Pile 16						
Steel Pile								
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
225 [Damage	vertical crack (1/8" x 2')			3	1		Each

General Comments

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2416
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 9	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 10	Plate Girder	Steel Open Girder/Beam	32
Span 1	Beam 11	Plate Girder	Steel Open Girder/Beam	32
Span 1	Left Bridge Rail	Aluminum Bridge Rail	Metal Bridge Railing	33
Span 1	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	33
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	2080
Span 1	Far Bearing 1	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing 2	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing 3	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing 3	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing 4	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing 4	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing 5	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing 5	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing 6	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing 6	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing 7	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing 7	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing 8	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing 8	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing 9	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing 9	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing 10	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing 10	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing 11	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing 11	Movable Bearing	Movable Bearing	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2416
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	33

Location	Name	Component	Element Name	Amount
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 9	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 10	Plate Girder	Steel Open Girder/Beam	33
Span 2	Beam 11	Plate Girder	Steel Open Girder/Beam	33
Span 2	Left Bridge Rail	Aluminum Bridge Rail	Metal Bridge Railing	33
Span 2	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	33
Span 2	Bent 1 Joint	Standard Joint	Pourable Joint Seal	124
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	2080
Span 2	Near Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing 3	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing 4	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing 5	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing 6	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing 7	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing 8	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing 9	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing 10	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing 11	Fixed Bearing	Fixed Bearing	1
Span 3	Left Bridge Rail	Aluminum Bridge Rail	Metal Bridge Railing	43
Span 3	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	43
Span 3	Bent 2 Joint	Standard Joint	Pourable Joint Seal	124
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	2720
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3160
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 5	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 6	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 7	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 8	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 9	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 10	Plate Girder	Steel Open Girder/Beam	43
Span 4	Beam 11	Plate Girder	Steel Open Girder/Beam	43
Span 4	Left Bridge Rail	Aluminum Bridge Rail	Metal Bridge Railing	43
Span 4	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	43
Span 4	Bent 3 Joint	Standard Joint	Pourable Joint Seal	124
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	2720
Span 4	Far Bearing 1	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing 2	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing 3	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing 4	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing 5	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing 6	Movable Bearing	Movable Bearing	1

Location	Name	Component	Element Name	Amount
Span 4	Far Bearing 7	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing 8	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing 9	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing 10	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing 11	Movable Bearing	Movable Bearing	1
Span 5	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3160
Span 5	Beam 1	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 2	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 3	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 4	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 5	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 6	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 7	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 8	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 9	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 10	Plate Girder	Steel Open Girder/Beam	42
Span 5	Beam 11	Plate Girder	Steel Open Girder/Beam	42
Span 5	Left Bridge Rail	Aluminum Bridge Rail	Metal Bridge Railing	43
Span 5	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	43
Span 5	Bent 4 Joint	Standard Joint	Pourable Joint Seal	124
Span 5	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	2720
Span 5	Near Bearing 1	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing 1	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing 2	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing 2	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing 3	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing 3	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing 4	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing 4	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing 5	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing 5	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing 6	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing 6	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing 7	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing 7	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing 8	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing 8	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing 9	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing 9	Fixed Bearing	Fixed Bearing	1
Span 5	Far Bearing 10	Fixed Bearing	Fixed Bearing	1
Span 5	Near Bearing 10	Movable Bearing	Movable Bearing	1
Span 5	Near Bearing 11	Movable Bearing	Movable Bearing	1
Span 5	Far Bearing 11	Fixed Bearing	Fixed Bearing	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	111
Bent 1	Pile 1	Steel Pile	Steel Pile	1

Location	Name	Component	Element Name	Amount
Bent 1	Pile 2	Steel Pile	Steel Pile	1
Bent 1	Pile 3	Steel Pile	Steel Pile	1
Bent 1	Pile 4	Steel Pile	Steel Pile	1
Bent 1	Pile 5	Steel Pile	Steel Pile	1
Bent 1	Pile 6	Steel Pile	Steel Pile	1
Bent 1	Pile 7	Steel Pile	Steel Pile	1
Bent 1	Pile 8	Steel Pile	Steel Pile	1
Bent 1	Pile 9	Steel Pile	Steel Pile	1
Bent 1	Pile 10	Steel Pile	Steel Pile	1
Bent 1	Pile 11	Steel Pile	Steel Pile	1
Bent 1	Pile 12	Steel Pile	Steel Pile	1
Bent 1	Pile 13	Steel Pile	Steel Pile	1
Bent 1	Pile 14	Steel Pile	Steel Pile	1
Bent 1	Pile 15	Steel Pile	Steel Pile	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	111
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	130
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	111
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	130
Bent 4	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	111
Bent 4	Pile 1	Steel Pile	Steel Pile	1
Bent 4	Pile 2	Steel Pile	Steel Pile	1
Bent 4	Pile 3	Steel Pile	Steel Pile	1
Bent 4	Pile 4	Steel Pile	Steel Pile	1
Bent 4	Pile 5	Steel Pile	Steel Pile	1
Bent 4	Pile 6	Steel Pile	Steel Pile	1
Bent 4	Pile 7	Steel Pile	Steel Pile	1
Bent 4	Pile 8	Steel Pile	Steel Pile	1
Bent 4	Pile 9	Steel Pile	Steel Pile	1
Bent 4	Pile 10	Steel Pile	Steel Pile	1
Bent 4	Pile 11	Steel Pile	Steel Pile	1
Bent 4	Pile 12	Steel Pile	Steel Pile	1
Bent 4	Pile 13	Steel Pile	Steel Pile	1
Bent 4	Pile 14	Steel Pile	Steel Pile	1
Bent 4	Pile 15	Steel Pile	Steel Pile	1
Bent 4	Pile 16	Steel Pile	Steel Pile	1
Bent 4	Pile 17	Steel Pile	Steel Pile	1

General Inspection Notes

	General inspection notes
Bent 1	Pile 1
(reinforced concrete e	ncasement, not prestressed concrete)
Bent 1	Pile 2
(reinforced concrete e	ncasement, not prestressed concrete)
Bent 1	Pile 3
(reinforced concrete e	ncasement, not prestressed concrete)
Bent 1	Pile 4
(reinforced concrete e	ncasement, not prestressed concrete)
Bent 1	Pile 5
(reinforced concrete e	ncasement, not prestressed concrete)
Bent 1	Pile 6
(reinforced concrete e	ncasement, not prestressed concrete)
Bent 1	Pile 7
(reinforced concrete e	ncasement, not prestressed concrete)
Bent 1	Pile 8
(reinforced concrete e	ncasement, not prestressed concrete)
Bent 1	Pile 9
(reinforced concrete e	ncasement, not prestressed concrete)
Bent 4	Pile 1
(reinforced concrete e	ncasement, not prestressed concrete)
Bent 4	Pile 10
(reinforced concrete e	ncasement, not prestressed concrete)
Bent 4	Pile 11
(reinforced concrete e	ncasement, not prestressed concrete)
Bent 4	Pile 12
(reinforced concrete e	ncasement, not prestressed concrete)
Bent 4	Pile 13
(reinforced concrete e	ncasement, not prestressed concrete)
Bent 4	Pile 2
(reinforced concrete e	ncasement, not prestressed concrete)
Bent 4	Pile 3
(reinforced concrete e	ncasement, not prestressed concrete)
Bent 4	Pile 4

General Inspection Notes

(reinforced concrete encasement, not prestressed concrete)

Bent 4 Pile 5

(reinforced concrete encasement, not prestressed concrete)

Bent 4 Pile 6

(reinforced concrete encasement, not prestressed concrete)

Bent 4 Pile 7

(reinforced concrete encasement, not prestressed concrete)

Bent 4 Pile 8

(reinforced concrete encasement, not prestressed concrete)

Bent 4 Pile 9

(reinforced concrete encasement, not prestressed concrete)

Span 4 Near Bearing 9

1 Each of Corrosion: Section loss up to 1/8" along plate edges with pitting up to 1/8" on plate surfaces.

1 Square Feet of Effectiveness (Steel Protective Coatings): Failed; no protection of the underlying metal on plate surfaces.

National Bridge and NC Inspection Items

Structure Number: 110099 Inspection Date: 01/21/2020

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	6
Item 59: Superstructure	0 - 9 , N	4
Item 60: Substructure	0 - 9 , N	5
Item 61: Channel and Channel Protection	0 - 9 , N	N
Item 62: Culvert	0 - 9 , N	N
Item 71: Waterway Adequacy	0 - 9 , N	N
Item 72: Approach Roadway Alignment	0 - 9 , N	8

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	G	0	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C	Р		
Slope Protection	G, F, P, or C		0	3352
Scour	G, F, P, or C			
Wingwall	G, F, P, or C	F	2	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		А		

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

Inspection Information

Item	Grade Scale	Grade
Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Υ
Inspection Time	Hours	16
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	N
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N

National Bridge and NC SMU Inspection Item Details

Structure Number: 110099 Inspection Date: 01/21/2020

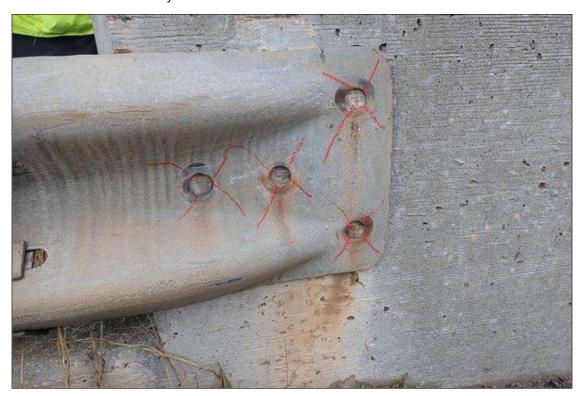
					-				
Item	Superstructure - Item 59	Grade 4		Maint Code	Qty.	0			
Details	s partial inspection; inspected topside and spans 1 & 5 (in full), the near end of span 2, and the far end of span 4; awaiting railroad entry permit limited access to right half of span 5 due to vagrant debris								
Item	Substructure - Item 60	Grade 5		Maint Code	Qty.	0			
Details	partial inspection, inspected end bents and bents 1 and 4, awaiting railroad entry permit								
Item	Utilities	Grade P		Maint Code	Qty.	0			
Details	(PAR) span 1 utility, right overhang, 6' from bent 1, section loss on clamp rods (5/8" remaining); and bottom flange of bracket at beam, corrosion hole (1.5" diameter) right overhang, throughout utility hangers, surface rust (PAR) right overhang, utility hanger, 7' from end bent 1, bottom flange of bracket at beam, corrosion with section loss (0.2" average remaining x 3")								
Item	Wingwalls	Grade F		Maint Code 3350	Qty.	2			
Details	northeast wingwall, top corner at end, spall (6" x 3" x 1/2" southeast wingwall, at end, spall (6" x 4" x 1")	')							
Item	General Comments and Misc Items	Grade		Maint Code	Qty.	0			
Details	(PAR) southwest guardrail termination, impact damage (3') (PAR) southeast guardrail, at center, impact damage (15') (PAR) northwest guardrail attachment not connected to bridge rail (PAR) northeast guardrail attachment, (1) bolt missing (PAR) northeast guardrail, near end bent 2, (2) spacer blocks twisted								



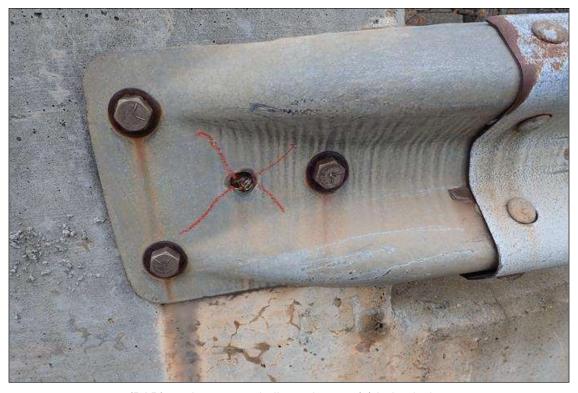
(PAR) southwest guardrail termination, impact damage (3')



(PAR) southeast guardrail, at center, impact damage (15')



(PAR) northwest guardrail attachment not connected to bridge rail



(PAR) northeast guardrail attachment, (1) bolt missing



Span 1 Wearing Surface: UP TO 0.25" TRANSVERSE CRACKS IN ASPHALT WEARING SURFACE OVER END BENT 1



Span 1 Wearing Surface: at random, transverse cracks (up to 1/8" x 3')



Span 2 Wearing Surface: UP TO 0.5" TRANSVERSE CRACKS OVER BENT 2



Span 5 Right Bridge Rail: (PAR) at bent 4, impact damage (14') with multiple broken posts and exposed rusted rebar



Span 5 Right Bridge Rail: (PAR) at bent 4, impact damage (14') with multiple broken posts and exposed rusted rebar



Span 5 Right Bridge Rail: at end bent 2, rail post, spall (12" x 5" x 1") with exposed rusted rebar



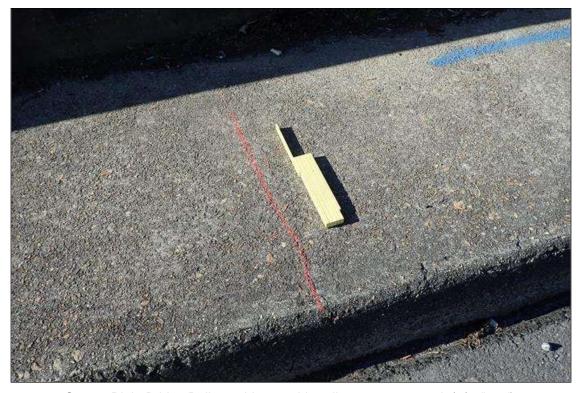
Span 5 Right Bridge Rail: at end bent 2, corner of sidewalk, spall (16" x 5" x 1.5")



Span 5 Right Bridge Rail: along top of sidewalk, vegetation (1' wide x 20')



Span 5 Right Bridge Rail: rail post at random, (3) spalls (up to 5" x 2" x 1/2") with exposed rusted rebar



Span 5 Right Bridge Rail: at midspan, sidewalk, transverse crack (1/32" x 3')



Bent 4 Joint: at right sidewalk, joint material missing



Span 4 Right Bridge Rail: rail posts at random, (4) spalls (up to 16" x 1" x 1/2") with exposed rusted rebar



Span 4 Right Bridge Rail: throughout sidewalk and end post, map cracks (up to 1/32")



Bent 3 Joint : at right sidewalk, joint material missing (2') with debris and vegetation



Span 3 Right Bridge Rail: rail posts at random, (10) spalls (up to 16" x 2" x 1/2") with exposed rusted rebar



Span 1 Right Bridge Rail: rail posts at random, (6) spalls (up to 6" x 2" x 1") with exposed rusted rebar



Span 4 Right Bridge Rail: throughout sidewalk and rail, scale with secure aggregate



Span 1 Right Bridge Rail: (PAR) at midspan, impact damage (2'), broken at base



Span 1 Left Bridge Rail: along edge of sidewalk, map cracks (hairline x 1' x full length)



Bent 1 Joint: left sidewalk, joint material separated with debris and vegetation



Span 4 Left Bridge Rail: at bent 4, bottom rail, impact damage with gouges (1/8" deep x 4')



End Bent 1 Abutment/Backwall : right overhang at utility penetration, map cracks (hairline) with efflorescence



End Bent 1 Abutment/Backwall: right side of beam 11, bottom flange, spall (5" x 3" x 1/2")



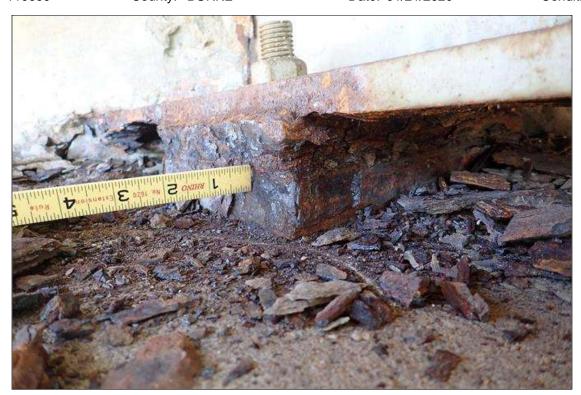
Span 1 Deck: (PAR) right side of beam 11 haunch, at bent 2, spall (14' x 6" x 5") with exposed rusted rebar



Span 1 Deck: along right drip edge, multiple spalls (up to 2' x 4" x 1/2") with exposed rusted rebar



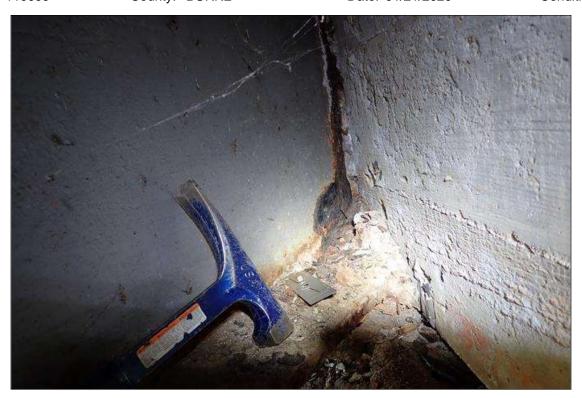
right overhang, throughout utility hangers, surface rust



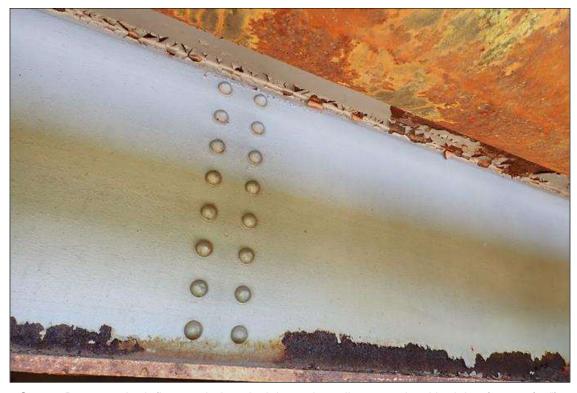
Span 1 Beam 11 Near Bearing 11: (PAR) corrosion with section loss (1/8" loss) at plate edges



End Bent 1 Cap 1: face of cap, below beam 11, longitudinal crack (1/16" x 2') with delamination (16" x 10")



Span 1 Beam 11: (PAR) at end bent 1, bottom of web, left face, corrosion with section loss (1/4" remaining x 8" x 6")



Span 1 Beam 11: both flanges, below deck haunch spall, rust scale with pitting (up to 1/16")



Span 1 Beam 11: (PAR) at end bent 1, behind bearing, corrosion with section loss (0.6" average remaining x 1')



Span 1 Beam 11: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3'); web at end diaphragm, (1/8" remaining x 3" wide x 19")



Span 1 Beam 11: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3'); web at end diaphragm, (1/8" remaining x 3" wide x 19")



Span 1 Beam 11: (PAR) 8' from bent 1, at utility hanger, right face of web, corrosion with section loss (1/8" remaining x 6" x 6")



Span 1 Beam 11 Far Bearing 11: (PAR) bearing frozen with pack rust



(PAR) span 1 utility, right overhang, 6' from bent 1, section loss on clamp rods (5/8" remaining); and bottom flange of bracket at beam, corrosion hole (1.5" diameter)



(PAR) span 1 utility, right overhang, 6' from bent 1, section loss on clamp rods (5/8" remaining); and bottom flange of bracket at beam, corrosion hole (1.5" diameter)



(PAR) right overhang, utility hanger, 7' from end bent 1, bottom flange of bracket at beam, corrosion with section loss (0.2" average remaining x 3")



Span 1 Beam 10: (PAR) at bent 1, left face of web, corrosion with section loss (3/8" remaining x 7" x 8")



Span 1 Deck: bent 1 end diaphragm, bay 9. at beam 10, spall (12" x 6" x 6") with exposed rusted rebar



End Bent 1 Abutment/Backwall: bay 9 at beam 10 bottom flange, spall (8" x 2" x 1")



Span 1 Beam 10 Far Bearing 10: (PAR) bearing frozen with pack rust



Span 1 Beam 9 Far Bearing 9: (PAR) bearing frozen with pack rust



Span 1 Beam 8 Far Bearing 8: (PAR) bearing frozen with pack rust



Span 1 Beam 7 Far Bearing 7: (PAR) bearing frozen with pack rust



Span 1 Beam 5 Far Bearing 5: left anchor bolt nut missing



Span 1 Beam 7: (PAR) at bent 1, corrosion with section loss: web, corrosion hole at bearing (12" x 3"); bottom of web, (1/8" remaining x 4" x 11'), (5/16" remaining x 1" x next 6')



Span 1 Beam 7: (PAR) at bent 1, corrosion with section loss: web, corrosion hole at bearing (12" x 3"); bottom of web, (1/8" remaining x 4" x 11'), (5/16" remaining x 1" x next 6')



Span 1 Beam 7: (PAR) at bent 1, corrosion with section loss: web, corrosion hole at bearing (12" x 3"); bottom of web, (1/8" remaining x 4" x 11'), (5/16" remaining x 1" x next 6')



Span 1 Beam 7: at end bent 1, bottom of web, corrosion with section loss (7/16" remaining x 4" x 10')



Span 1 Beam 7: (PAR) at bent 1, bottom flange, corrosion with section loss (0.6" average remaining x 11')



Span 1 Deck: bent 1 end diaphragm, bay 7 at beam 8, spall (16" x 18" x 2") with exposed rusted rebar



Span 1 Deck: bent 1 end diaphragm, bay 8 at beam 9, spall (30" x 8" x 4") with exposed rusted rebar, similar at beam 8



Span 1 Deck: bent 1 end diaphragm, bay 9 at beam 9, spall (12" x 4" x 1") with exposed rusted rebar



Span 1 Beam 9: (PAR) at bent 1 end diaphragm, corrosion with section loss: web, (1/8" remaining x 16" x 8") with corrosion hole (9" x 1/2")



Span 1 Beam 9: at end bent 1, bottom of web, corrosion with section loss (7/16" remaining x 3" x 1')



Span 1 Beam 8: (PAR) at bent 1 end diaphragm, web, corrosion with section loss (1/16" remaining x 16" x 10"); bottom flange, rust scale



End Bent 1 Cap 1: face of cap, below beam 7, spall/delamination (3.5' x 1.5' x 1")



Span 1 Deck: underside of deck at end bent 1, bay 5, diagonal crack (hairline x 6') with efflorescence, similar bays 2 and 4



Bent 1 Cap 1: span 2 face, below beam 8, spall/delamination (2' x 2' x 1") with exposed rusted rebar



Bent 1 Cap 1: span 2 face, below beam 9, spall/delamination (5' x 2' x 1.5") with exposed rusted rebar



Bent 1 Cap 1: span 2 face, below beams 7 - 11, longitudinal crack (1/8" x 48') with areas of delaminations/spalls (up to 2' high x 1/2" deep), with some rust stains



Bent 1 Cap 1: span 2 face, below beams 7 - 11, longitudinal crack (1/8" x 48') with areas of delaminations/spalls (up to 2' high x 1/2" deep), with some rust stains



Bent 1 Cap 1: span 1 face, below beam 7, longitudinal crack (1/16" x 3')



Bent 1 Cap 1: (PAR) span 1 face, below bay 9, bottom corner, spall (5' x 8" x 3") with exposed rusted rebar



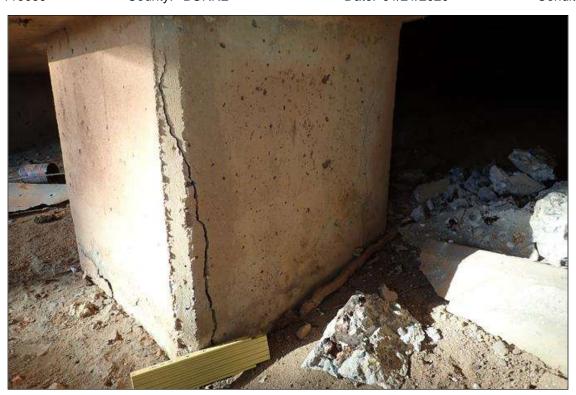
Bent 1 Cap 1: span 1 face, bay 9, top corner, delamination (2.5' x 6")



Bent 1 Cap 1: span 1 face, top corner, longitudinal crack (1/16" x 9') with delamination/spall (6" x 1"), similar bottom corner



Bent 1 Pile 11: vertical cracks (up to 1/4" x 2')



Bent 1 Pile 13: vertical cracks (up to 1/4" x 2')



Span 2 Deck: underside, bay 5, at midspan, transverse crack (hairline x 7') with efflorescence



Span 2 Deck: (PAR) bent 1 end diaphragm, bay 7, failed previous repair (10' x 10" x 4") with section loss on rebar (3/8" remaining)



Span 2 Deck: (PAR) bent 1 end diaphragm, bay 7, failed previous repair (10' x 10" x 4") with section loss on rebar (3/8" remaining)



Span 2 Deck: bent 1 end diaphragm, bay 9, (2) spalls (up to 3.5' x 8" x 3") with exposed rusted rebar



Span 2 Deck: bent 1 end diaphragm, bay 10, at beam 11, spall (6' x 7" x 2") with exposed rusted rebar



Span 2 Deck: bent 1 end diaphragm, bay 10, at beam 10, spall (1' x 8" x 2") with exposed rusted rebar



Span 2 Deck: bent 1 end diaphragm, bay 8, underside, (4) spalls (up to 7" diameter x 1") with exposed rusted rebar



Span 2 Beam 7 Near Bearing: (PAR) pack rust with 1/8" section loss on edge of plate



Span 2 Beam 8 Near Bearing 8: pack rust



Span 2 Beam 9 Near Bearing 9: pack rust



Span 2 Deck: bent 1 end diaphragm, bay 9, at beam 10, spall (18" x 4" x 2") with exposed rusted rebar



Span 2 Beam 7: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3'); web at bearing, (1/16" remaining x 1' x 16" high) with corrosion hole (2" x 1")



Span 2 Beam 7: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3'); web at bearing, (1/16" remaining x 1' x 16" high) with corrosion hole (2" x 1")



Span 2 Beam 8: (PAR) at bent 1, web at end diaphragm, corrosion with section loss (5/16" remaining x 10" x 7")



Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5'); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2")



Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5'); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2")



Span 2 Beam 10: (PAR) at bent 1, corrosion with section loss: web at end diaphragm, (1/16" remaining x 18" x 7")



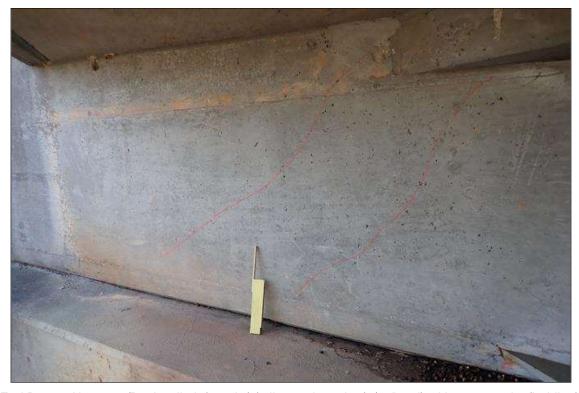
Span 2 Beam 11: at bent 1, bottom flange, corrosion with section loss (0.7" average remaining x 15')



Span 2 Beam 11: (PAR) at bent 1, corrosion with section loss: web at end diaphragm, (0.25" remaining x 16" x 2")



northeast wingwall, top corner at end, spall (6" x 3" x 1/2")



End Bent 2 Abutment/Backwall : left end, (3) diagonal cracks (1/32" x 5') with map cracks (hairline)



End Bent 2 Abutment/Backwall : bay 1, multiple vertical and diagonal cracks (1/32" x 3')



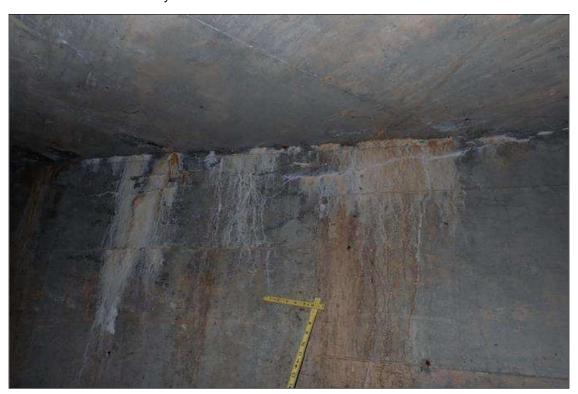
End Bent 2 Cap 1: at random, vertical cracks (hairline x up to 2') with efflorescence



End Bent 2 Cap 1: at beam 5, vertical crack (1/16" x 2') at cold joint



Span 5 Deck: underside, bay 6, at end bent 2, (3) spalls (7" diameter x 1") with exposed rusted rebar



End Bent 2 Abutment/Backwall : bay 6, horizontal cracks (1/32" x 7') with efflorescence buildup



End Bent 2 Abutment/Backwall: bay 6, at beam 7, bottom flange, spall (12" x 3" x 1")



Span 5 Beam 8 Far Bearing 8: rust scale



limited access to right half of span 5 due to vagrant debris



Span 5 Deck: right edge of deck, vegetation (15')



southeast wingwall, at end, spall (6" x 4" x 1")



Bent 4 Pile 14: span 5 face, at top, delamination/spall (15" x 18" x 1/2")



Bent 4 Pile 15: vertical crack (1/8" x 2')



Bent 4 Cap 1: left end, map cracks (hairline x 2' x full height)



Bent 4 Cap 1: span 5 face at beam 7, vertical crack (1/16" x 2') with efflorescence



Bent 4 Cap 1: span 5 face, bay 7, delamination/spall (7' x 20" x 1") with longitudinal crack (1/8"); similar span 4 face



Bent 4 Cap 1: (PAR) span 5 face, from beam 8 to 11, longitudinal cracks (1/8" x 30') at top and bottom corners with delamination (up to full height x 30') and spalls (19' x up to 20" x 2") with exposed rusted rebar; cracks and delamination similar on span 4 face



Bent 4 Cap 1: (PAR) span 5 face, from beam 8 to 11, longitudinal cracks (1/8" x 30') at top and bottom corners with delamination (up to full height x 30') and spalls (19' x up to 20" x 2") with exposed rusted rebar; cracks and delamination similar on span 4 face



Bent 4 Cap 1: (PAR) span 5 face, from beam 8 to 11, longitudinal cracks (1/8" x 30') at top and bottom corners with delamination (up to full height x 30') and spalls (19' x up to 20" x 2") with exposed rusted rebar; cracks and delamination similar on span 4 face



Bent 4 Cap 1: (PAR) span 5 face, from beam 8 to 11, longitudinal cracks (1/8" x 30') at top and bottom corners with delamination (up to full height x 30') and spalls (19' x up to 20" x 2") with exposed rusted rebar; cracks and delamination similar on span 4 face



Span 5 Deck: bent 4 end diaphragm, bay 7 at beam 7, spall (2' x 18" x 2") with exposed rusted rebar



Span 5 Deck: bent 4 end diaphragm, bay 9, at beam 9, delamination/spall (4' x 1' x 3") with exposed rusted rebar



Span 5 Deck: bent 4 end diaphragm, bay 10, at beam 11, spall (18" x 3" x 4") with exposed rusted rebar



Span 5 Deck: bent 4 end diaphragm, right overhang, spall (12" x 6" x 2") with exposed rusted rebar



Span 5 Beam 11: (PAR) at bent 4, corrosion with section loss: bottom flange, (0.55" average remaining x 2'); web at end diaphragm, (1/16" remaining x 15" x 5")



Span 5 Beam 11 Near Bearing 11: (PAR) bearing frozen with pack rust



Span 4 Beam 11 Far Bearing 11: pack rust



Span 4 Beam 11: 2020 no ladder access to verify section remaining, previously noted as: BEAM 11 SPAN 4 AT BENT 4: SECTION LOSS TO BOTTOM LEFT FLANGE WITH 11/16" REMAINING AND BOTTOM 4" OF WEB WITH 7/16" REMAINING FOR 15'



Span 4 Beam 11: (PAR) at bent 4, corrosion with section loss: web at end diaphragm, (1/4" remaining x 10" x 4")



Span 5 Beam 10 Near Bearing 10: (PAR) bearing frozen with pack rust



Span 5 Beam 10: at bent 4, corrosion with section loss: bottom of web and at end diaphragm, (1/16" loss x 2" x 1.5')



Span 4 Beam 10 Far Bearing 10: (PAR) bearing frozen with pack rust



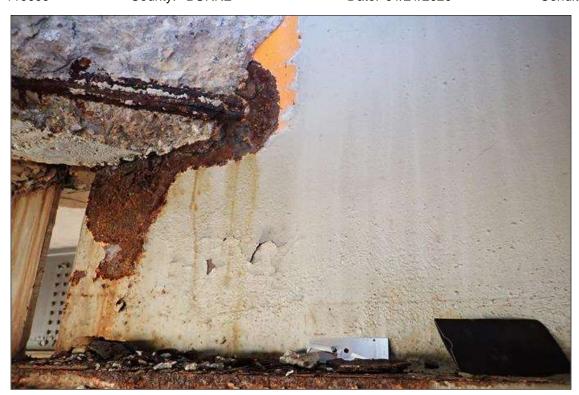
Span 4 Beam 9 Far Bearing 9: (PAR) bearing frozen with pack rust



Span 5 Beam 9 Near Bearing 9: (PAR) bearing frozen with pack rust



Span 4 Beam 9: (PAR) at bent 4, corrosion with section loss: web at end diaphragm, (1/4" remaining x 1.5' x up to 12")



Span 5 Beam 9: (PAR) at bent 4, corrosion with section loss: web at end diaphragm, (1/4" remaining x 14" x 5"); bottom flange, pitting (up to 1/16" x 1.5')



Span 5 Beam 8 Near Bearing 8: (PAR) bearing frozen with pack rust



Span 4 Beam 8: (PAR) at bent 4, web at end diaphragm, (3/8" remaining x 6" x 4")



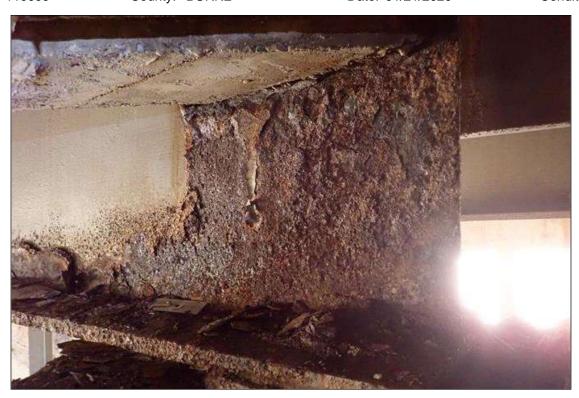
Span 5 Beam 7 Near Bearing 7: (PAR) bearing frozen with pack rust and 1/8" section loss at edge of plate



Span 4 Beam 7 Far Bearing 7: (PAR) bearing frozen with pack rust



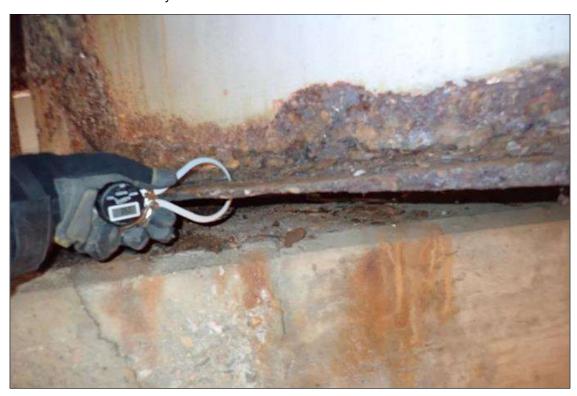
Span 4 Beam 7: (PAR) at bent 4, corrosion with section loss: web, at bearing, (3/8" remaining x 16" x 12"); bottom of web, (1/4" remaining x 2" x approximately 15'); bottom flange, (0.7" average remaining x 16")



Span 4 Beam 7: (PAR) at bent 4, corrosion with section loss: web, at bearing, (3/8" remaining x 16" x 12"); bottom of web, (1/4" remaining x 2" x approximately 15'); bottom flange, (0.7" average remaining x 16")



Span 5 Beam 7: (PAR) at bent 4, corrosion with section loss: bottom flange, (0.5" average remaining x 2.5'); web at end diaphragm, (1/4" remaining x 14" x 16"); bottom of web, (5/16" remaining x 3" x 4')



Span 5 Beam 7: (PAR) at bent 4, corrosion with section loss: bottom flange, (0.5" average remaining x 2.5'); web at end diaphragm, (1/4" remaining x 14" x 16"); bottom of web, (5/16" remaining x 3" x 4')



Bent 4 Joint: at random, active dripping



Span 4 Deck: bent 4 end diaphragm, bay 7, underside, multiple spalls (up to 8" x 6" x 1"); similar bays 8, 9 and 10



Span 4 Deck: (PAR) at bent 4, right side of beam 11 haunch, spall (25' x 5" x 5") with exposed rusted rebar



Span 4 Deck: underside of right overhang at bent 4, (2) spalls (8" diameter x 1") with exposed rusted rebar



Span 5 Deck: underside of right overhang at bent 4, transverse crack (1/32" x 3')



Span 4 Beam 11: midspan at utility connection, rust scale (no ladder access to verify remaining section)



Span 5 Beam 11: paint peeling at random



Span 2 Deck: underside at bent 4, bays 9 and 10, multiple transverse cracks (hairline up 1/32" x 7')



(PAR) northeast guardrail, near end bent 2, (2) spacer blocks twisted

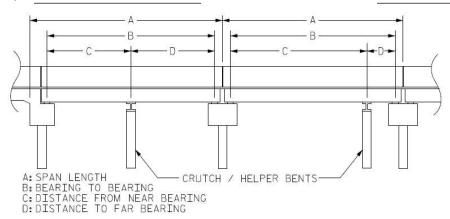


Span 4 Beam 8 Far Bearing 8: (PAR) bearing frozen with pack rust

Structure Data Worksheet

Span Profile

County: BURKE Structure Number: 110099



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	32.500	30.500			
2	32.500	30.500			
3	42.500	41.670			
4	42.500	41.670			
5	42.500	41.670			



west approach looking east



southwest guardrail and termination



southwest guardrail transition



southwest guardrail attachment



bridge plaque



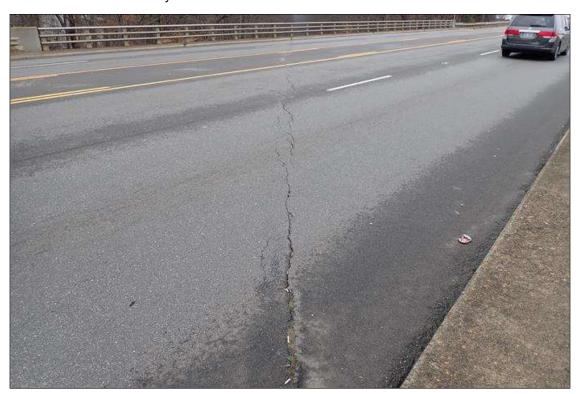
end bent 1 asphalt



right bridge rail



bent 1 asphalt



bent 2 asphalt



bent 3 asphalt



bent 4 asphalt



end bent 2 asphalt



tracks looking south, span 3



east approach looking east



west approach looking west



southeast guardrail attachment



southeast guardrail and termination



southwest wingwall



right overhang, 12" diameter iron pipe utility



end bent 1



south profile looking north



bent 1, right end



bent 2



intermediate diaphragm



end diaphragm



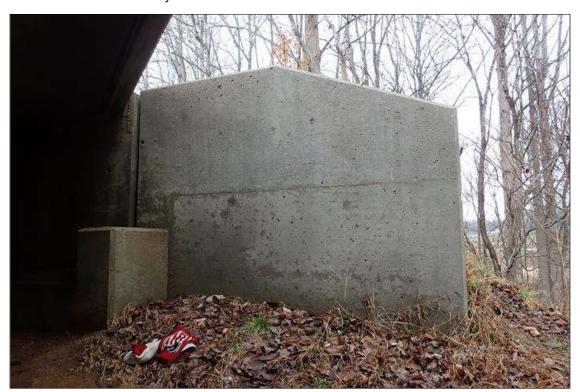
interior bearing assembly, bent 1, beams 8-11



beams over bent 1, beams 8-11



superstructure underside, span 2



northwest wingwall



bent 1, left end



beams over bent 1, beams 1-7



interior bearing assembly, bent 1, beams 1-7



northwest guardrail attachment



northwest guardrail



left bridge rail



tracks looking north, span 3



northeast guardrail attachment



northeast guardrail



northeast guardrail transition



northeast wingwall



end bearing assembly, end bent 2



end bent 2



bent 4



bent 3



north profile looking south



southeast wingwall

Bridge: 110099 County BURKE Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
0	No Maintenance Required	NA	1	(PAR) northwest guardrail attachment not connected to bridge rail	
0	No Maintenance Required	NA	1	(PAR) span 1 utility, right overhang, 6' from bent 1, section loss on clamp rods (5/8" remaining); and bottom flange of bracket at beam, corrosion hole (1.5" diameter)	
0	No Maintenance Required	NA	1	(PAR) right overhang, utility hanger, 7' from end bent 1, bottom flange of bracket at beam, corrosion with section loss (0.2" average remaining x 3")	
0	No Maintenance Required	NA	2	(PAR) northeast guardrail, near end bent 2, (2) spacer blocks twisted	
3314	Maintain Steel Superstructure Components	LF	11	Span 1 Beam 7: (PAR) at bent 1, bottom flange, corrosion with section loss (0.6" average remaining x 11')	
3314	Maintain Steel Superstructure Components	LF	17	Span 1 Beam 7: (PAR) at bent 1, corrosion with section loss: web, corrosion hole at bearing (12" x 3"); bottom of web, (1/8" remaining x 4" x 11'), (5/16" remaining x 1" x next 6')	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 8: (PAR) at bent 1 end diaphragm, web, corrosion with section loss (1/16" remaining x 16" x 10"); bottom flange, rust scale	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 9: (PAR) at bent 1 end diaphragm, corrosion with section loss: web, (1/8" remaining x 16" x 8") with corrosion hole (9" x 1/2")	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 10: (PAR) at bent 1, left face of web, corrosion with section loss (3/8" remaining x 7" x 8")	
3314	Maintain Steel Superstructure Components	LF	3	Span 1 Beam 11: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3'); web at end diaphragm, (1/8" remaining x 3" wide x 19")	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 11: (PAR) at end bent 1, behind bearing, corrosion with section loss (0.6" average remaining x 1')	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 11: (PAR) 8' from bent 1, at utility hanger, right face of web, corrosion with section loss (1/8" remaining x 6" x 6")	

Bridge: 110099 County BURKE Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 11: (PAR) at end bent 1, bottom of web, left face, corrosion with section loss (1/4" remaining x 8" x 6")	
3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 7: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3'); web at bearing, (1/16" remaining x 1' x 16" high) with corrosion hole (2" x 1")	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 8: (PAR) at bent 1, web at end diaphragm, corrosion with section loss (5/16" remaining x 10" x 7")	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 9: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.7" average remaining x 1.5'); web, at end diaphragm, (1/16" remaining x 16" x 4") with corrosion hole (1.5" x 1/2")	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 10: (PAR) at bent 1, corrosion with section loss: web at end diaphragm, (1/16" remaining x 18" x 7")	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 11: (PAR) at bent 1, corrosion with section loss: web at end diaphragm, (0.25" remaining x 16" x 2")	
3314	Maintain Steel Superstructure Components	LF	15	Span 4 Beam 7: (PAR) at bent 4, corrosion with section loss: web, at bearing, (3/8" remaining x 16" x 12"); bottom of web, (1/4" remaining x 2" x approximately 15'); bottom flange, (0.7" average remaining x 16")	
3314	Maintain Steel Superstructure Components	LF	1	Span 4 Beam 8: (PAR) at bent 4, web at end diaphragm, (3/8" remaining x 6" x 4")	
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 9: (PAR) at bent 4, corrosion with section loss: web at end diaphragm, (1/4" remaining x 1.5' x up to 12")	
3314	Maintain Steel Superstructure Components	LF	1	Span 4 Beam 11: (PAR) at bent 4, corrosion with section loss: web at end diaphragm, (1/4" remaining x 10" x 4")	
3314	Maintain Steel Superstructure Components	LF	4	Span 5 Beam 7: (PAR) at bent 4, corrosion with section loss: bottom flange, (0.5" average remaining x 2.5'); web at end diaphragm, (1/4" remaining x 14" x 16"); bottom of web, (5/16" remaining x 3" x 4')	
3314	Maintain Steel Superstructure Components	LF	2	Span 5 Beam 9: (PAR) at bent 4, corrosion with section loss: web at end diaphragm, (1/4" remaining x 14" x 5"); bottom flange, pitting (up to 1/16" x 1.5')	

Bridge: 110099 County BURKE Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	2	Span 5 Beam 11: (PAR) at bent 4, corrosion with section loss: bottom flange, (0.55" average remaining x 2'); web at end diaphragm, (1/16" remaining x 15" x 5")	
3318	Maint to Concrete Handrail	LF	14	Span 5 Right Bridge Rail: (PAR) at bent 4, impact damage (14') with multiple broken posts and exposed rusted rebar	
3318	Maint to Concrete Handrail	LF	2	Span 1 Right Bridge Rail: (PAR) at midspan, impact damage (2'), broken at base	
3326	Maintain Concrete Deck	SF	14	Span 1 Deck: (PAR) right side of beam 11 haunch, at bent 2, spall (14' x 6" x 5") with exposed rusted rebar	
3326	Maintain Concrete Deck	SF	10	Span 2 Deck: (PAR) bent 1 end diaphragm, bay 7, failed previous repair (10' x 10" x 4") with section loss on rebar (3/8" remaining)	
3334	Bridge Bearings	EA	1	Span 5 Beam 7 Near Bearing: (PAR) bearing frozen with pack rust and 1/8" section loss at edge of plate	
3334	Bridge Bearings	EA	1	Span 2 Beam 7 Near Bearing: (PAR) pack rust with 1/8" section loss on edge of plate	
3334	Bridge Bearings	EA	1	Span 5 Beam 11 Near Bearing 11: (PAR) bearing frozen with pack rust	
3334	Bridge Bearings	EA	1	Span 5 Beam 10 Near Bearing 10: (PAR) bearing frozen with pack rust	
3334	Bridge Bearings	EA	1	Span 5 Beam 9 Near Bearing 9: (PAR) bearing frozen with pack rust	
3334	Bridge Bearings	EA	1	Span 5 Beam 8 Near Bearing 8: (PAR) bearing frozen with pack rust	
3334	Bridge Bearings	EA .	1	Span 4 Beam 7 Far Bearing 7: (PAR) bearing frozen with pack rust	
3334	Bridge Bearings	EA	1	Span 4 Beam 8 Far Bearing 8: (PAR) bearing frozen with pack rust	
3334	Bridge Bearings	EA	1	Span 4 Beam 9 Far Bearing 9: (PAR) bearing frozen with pack rust	
3334	Bridge Bearings	EA	1	Span 4 Beam 10 Far Bearing 10: (PAR) bearing frozen with pack rust	

Bridge: 110099 County BURKE Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3334	Bridge Bearings	EA	1	Span 1 Beam 8 Far Bearing 8: (PAR) bearing frozen with pack rust	
3334	Bridge Bearings	EA	1	Span 1 Beam 9 Far Bearing 9: (PAR) bearing frozen with pack rust	
3334	Bridge Bearings	EA	1	Span 1 Beam 10 Far Bearing 10: (PAR) bearing frozen with pack rust	
3334	Bridge Bearings	EA	1	Span 1 Beam 7 Far Bearing 7: (PAR) bearing frozen with pack rust	
3334	Bridge Bearings	EA	1	Span 1 Beam 11 Far Bearing 11: (PAR) bearing frozen with pack rust	
3334	Bridge Bearings	EA	1	Span 1 Beam 11 Near Bearing 11: (PAR) corrosion with section loss (1/8" loss) at plate edges	
3348	Maintain Concrete Substructure Components	LF	5	Bent 1 Cap 1: (PAR) span 1 face, below bay 9, bottom corner, spall (5' x 8" x 3") with exposed rusted rebar	
3348	Maintain Concrete Substructure Components	LF	120	Bent 4 Cap 1: (PAR) span 5 face, from beam 8 to 11, longitudinal cracks (1/8" x 30') at top and bottom corners with delamination (up to full height x 30') and spalls (19' x up to 20" x 2") with exposed rusted rebar; cracks and delamination similar on span 4 face	
0	No Maintenance Required	NA	3	(PAR) southwest guardrail termination, impact damage (3')	
0	No Maintenance Required	NA	15	(PAR) southeast guardrail, at center, impact damage (15')	
0	No Maintenance Required	NA	1	(PAR) northeast guardrail attachment, (1) bolt missing	



Bridge: 110099 County BURKE

MMS Description

MMS Code

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

0	No	Maintenan	ce Required		1	NA
Location:	ocation:					
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
01/20/2020		Mike Mi	lls			
Details						
			erhang, 6' from bent 1, section loss nole (1.5" diameter)	on clamp rods (5/8" remaining); and	bottom flan	ge of
MMS Code	MN	MS Descrip	otion		Quantity	
0	No	Maintenan	ce Required		1	NA
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
01/20/2020		Mike Mi	lls			
Details						
	(PAR) right overhang, utility hanger, 7' from end bent 1, bottom flange of bracket at beam, corrosion with section loss (0.2" average remaining x 3")					

Bridge: 110099 County BURKE

MMS Description

MMS Code

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

0	No	Maintenan	ce Required		2	NA
Location:	n:					
			Bent/Span No.			
Priority Leve)		Status			
			Request Awaiting Assignment			
Submitted D)ate:	Submitte	d By:	Assisted By:		
01/21/2020		Mike Mi	lls			
Details						
(PAR) north	east g	uardrail, n	ear end bent 2, (2) spacer blocks to	wisted		
MMS Code	MN	MS Descrip	otion		Quantity	
3314	Mai	ntain Stee	I Superstructure Components		11	LF
Location:						
			Bent/Span No.			
Priority Leve	əl		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
01/20/2020		Mike Mi	lls			
Details						
Span 1 Bea	Span 1 Beam 7: (PAR) at bent 1, bottom flange, corrosion with section loss (0.6" average remaining x 11')					

Bridge: 110099 County BURKE

MMS Description

MMS Code

3314

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

Quantity

LF

17

3314	Mai	ntain Stee	Superstructure Components		17	LF
Location:						
			Bent/Span No.			
Priority Leve	əl		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/20/2020		Mike Mi	lls			
Details						
			ent 1, corrosion with section loss: w 5/16" remaining x 1" x next 6')	eb, corrosion hole at bearing (12" x 3	3"); bottom o	f web,
MMS Code	MN	MS Descrip	otion		Quantity	
3314	Mai	ntain Stee	Superstructure Components		2	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/20/2020		Mike Mi	lls			
Details						
Span 1 Bea bottom flang			ent 1 end diaphragm, web, corrosio	n with section loss (1/16" remaining a	(16" x 10");	

Bridge: 110099 County BURKE

MMS Description

Maintain Steel Superstructure Components

MMS Code

3314

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

Quantity

LF

2

Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
01/20/2020		Mike Mi	lls			
Details						
corrosion ho			ent i end diapriragin, corrosion with	n section loss: web, (1/8" remaining x	CIOXO) WI	itti
NANAC C - 1 -						
MMS Code		/IS Descrip			Quantity	
3314	Mai	ntain Stee	Superstructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
01/20/2020		Mike Mi	lls			
Details						
Span 1 Bear	m 10:	(PAR) at b	pent 1, left face of web, corrosion w	ith section loss (3/8" remaining x 7" :	x 8")	

Bridge: 110099 County BURKE

MMS Description

Maintain Steel Superstructure Components

MMS Code

3314

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

Quantity

3

LF

Location:						
	Bent/Span No. Ority Level Status Request Awaiting Assignment Demitted Date: Submitted By: Assisted By: 120/2020 Mike Mills an 1 Beam 11: (PAR) at bent 1, corrosion with section loss: bottom flange, (0.6" average remaining x 3"); web at diaphragm, (1/8" remaining x 3" wide x 19") S Code MMS Description Quantity 4 Maintain Steel Superstructure Components 1 LF Cation: Bent/Span No. Ority Level Status Request Awaiting Assignment Demitted Date: Submitted By: Assisted By: 1/20/2020 Mike Mills					
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
01/20/2020		Mike Mi	lls			
Details						
				bottom flange, (0.6" average remaini	ng x 3'); web at	
MMS Code	MN	MS Description Quantity				
3314	Mai	ntain Stee	Superstructure Components		1 LF	
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
01/20/2020		Mike Mi	lls			
Details						
Span 1 Bear	m 11:	(PAR) at e	end bent 1, behind bearing, corrosion	on with section loss (0.6" average rer	naining x 1')	

Bridge: 110099 County BURKE

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

MMS Code	MI	MS Descrip	otion		Quantity		
3314	Mai	ntain Stee	Superstructure Components 1				
Location:							
			Bent/Span No.				
Priority Level Status							
			Request Awaiting Assignment				
Submitted D	Date:	Submitte	ed By:	Assisted By:			
01/20/2020		Mike Mi	lls				
Details							
x 6" x 6")	m 11:	(PAR) 8 II	rom bent 1, at utility hanger, right is	ace of web, corrosion with section los	s (1/8 Terr	iaining	
	l	10.5			0 "		
MMS Code	IVII	MS Descriր	otion		Quantity		
3314	Mai	ntain Stee	I Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
			Request Awaiting Assignment				
Submitted F	Jate.	Submitte	nd Bv:	Assisted By:			

Details

01/20/2020

Mike Mills

Span 1 Beam 11: (PAR) at end bent 1, bottom of web, left face, corrosion with section loss (1/4" remaining x 8" x 6")

Bridge: 110099 County BURKE

MMS Description

Maintain Steel Superstructure Components

MMS Code

3314

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

Quantity

LF

3

Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
01/21/2020		Mike Mi	lls			
Details						
			ent 1, corrosion with section loss: be 1' x 16" high) with corrosion hole (2	ottom flange, (0.6" average remainin " x 1")	g x 3'); web a	at
MMS Code			Description Quantity			
3314	Mai	ntain Stee	I Superstructure Components	ents 1 LF		
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
01/21/2020		Mike Mi	lls			
Details						
Span 2 Bea	m 8: (I	PAR) at be	ent 1, web at end diaphragm, corros	sion with section loss (5/16" remainir	ng x 10" x 7")	

Bridge: 110099 County BURKE

MMS Description

Maintain Steel Superstructure Components

MMS Code

3314

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

Quantity

LF

2

Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/21/2020		Mike Mi	lls			
Details						
Span 2 Bea end diaphra	m 9: (I gm, (1	PAR) at be /16" rema	ent 1, corrosion with section loss: be ining x 16" x 4") with corrosion hole	ottom flange, (0.7" average remainin e (1.5" x 1/2")	g x 1.5'); w	eb, at
MMS Code		MS Descrip			Quantity	
3314	Mai	ntain Stee	I Superstructure Components	2 LF		
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/21/2020		Mike Mi	lls			
Details						
Span 2 Bea	m 10:	(PAR) at t	pent 1, corrosion with section loss:	web at end diaphragm, (1/16" remair	ning x 18" x	7")

Bridge: 110099 County BURKE

MMS Description

MMS Code

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

3314	Mai	ntain Steel	Superstructure Components		2	LF
Location:						
			Bent/Span No.			
Priority Level			Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/21/2020		Mike Mi	lls			
Details						
MMS Code	MN	//S Descrip	otion		Quantity	
3314	Mai	ntain Stee	Superstructure Components		15	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/21/2020 Mike Mi		Mike Mi	lls			
Details						
			ent 4, corrosion with section loss: wapproximately 15'); bottom flange, (eb, at bearing, (3/8" remaining x 16" 0.7" average remaining x 16")	x 12"); botto	om of

Bridge: 110099 County BURKE

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

MMS Code	MN	MMS Description				
3314	Mair	ntain Steel	ntain Steel Superstructure Components			LF
Location:						
Bent/Span No.						
Priority Level			Status			
Request A			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
01/21/2020		Mike Mi	lls			
Details						
Span 4 Beam 8: (PAR) at bent 4, web at end diaphragm, (3/8" remaining x 6" x 4")						

MMS Code	MN	MMS Description			Quantity	
3314	Mai	Maintain Steel Superstructure Components			2	LF
Location:						
			Bent/Span No.			
Priority Leve	Priority Level		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
01/21/2020		Mike Mi	lls			
Details						
Span 4 Beam 9: (PAR) at bent 4, corrosion with section loss: web at end diaphragm, (1/4" remaining x 1.5' x up to 12")						

Bridge: 110099 County BURKE

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

MMS Code	M	∕IS Descrip	otion		Quantity			
3314	Mai	ntain Stee	n Steel Superstructure Components			LF		
Location:								
			Bent/Span No.					
Priority Level			Status					
			Request Awaiting Assignment	Request Awaiting Assignment				
Submitted D	submitted Date: Submitte		d By:	Assisted By:				
01/21/2020		Mike Mi	lls					
Details								
MMS Code	l NAN	MS Descrip	ation		Quantity			
3314	IVIai	ntain Stee	Superstructure Components		4	LF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
			Request Awaiting Assignment					
Submitted D	Date:	Submitte	d By:	Assisted By:				
01/21/2020 Mike Mills			lls					
D . "								

Details

Span 5 Beam 7: (PAR) at bent 4, corrosion with section loss: bottom flange, (0.5" average remaining x 2.5'); web at end diaphragm, (1/4" remaining x 14" x 16"); bottom of web, (5/16" remaining x 3" x 4')

Bridge: 110099 County BURKE

end diaphragm, (1/16" remaining x 15" x 5")

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

MMS Code	MN	//S Descrip	otion		Quantity			
3314	Mai	aintain Steel Superstructure Components			2	LF		
Location:								
			Bent/Span No.					
Priority Level			Status	Status				
			Request Awaiting Assignment					
Submitted D	Date:	Submitte	d By:	Assisted By:				
01/21/2020		Mike Mi	lls					
Details								
MMS Code	MN	//S Descriț	otion		Quantity			
3314			I Superstructure Components		2	LF		
Location:								
			Bent/Span No.					
Priority Leve	əl		Status					
			Request Awaiting Assignment					
Submitted Date: Submitted By		Submitte	d By:	Assisted By:				
01/21/2020		Mike Mi	lls					
Details	Details							
Span 5 Bea	m 11:	(PAR) at b	pent 4, corrosion with section loss:	bottom flange, (0.55" average remair	ning x 2'); we	eb at		

Bridge: 110099 County BURKE

MMS Description

Maint to Concrete Handrail

MMS Code

3318

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

Quantity

14

LF

Location:					
Priority Leve	el		Status		
			Request Awaiting Assignment		
Submitted D	ate:	Submitte	d By:	Assisted By:	
01/20/2020		Mike Mi	lls		
Details					
Span 5 Righ	t Brid	ge Rail: (P	AR) at bent 4, impact damage (14')) with multiple broken posts and expo	osed rusted rebar
MMS Code	ode MMS Description Quantity				Quantity
3318	Mai	nt to Conc	rete Handrail		2 LF
Location:					
			Bent/Span No.		
Priority Leve	el		Status		
			Request Awaiting Assignment		
Submitted D	ate:	Submitte	d By:	Assisted By:	
01/20/2020		Mike Mi	lls		
Details					
Span 1 Righ	t Brid	ge Rail: (P	AR) at midspan, impact damage (2), broken at base	

Bridge: 110099 County BURKE

MMS Description

MMS Code

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

3326	Mai	ntain Cond	crete Deck		14	SF
Location:						
			Bent/Span No.			
Priority Leve	əl		Status			
			Request Awaiting Assignment			
Submitted D)ate:	Submitte	d By:	Assisted By:		
01/20/2020		Mike Mi	lls			
Details						
Span 1 Dec	k: (PA	R) right sid	de of beam 11 haunch, at bent 2, sp	pall (14' x 6" x 5") with exposed ruste	d rebar	
MMS Code	MN	MS Descrip	otion		Quantity	
3326	Mai	ntain Cond	crete Deck		10	SF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D)ate:	Submitte	d By:	Assisted By:		
01/21/2020		Mike Mi	lls			
Details						
Span 2 Dec (3/8" remain	k: (PA iing)	R) bent 1 o	end diaphragm, bay 7, failed previo	ous repair (10' x 10" x 4") with section	loss on reba	ar

Bridge: 110099 County BURKE

MMS Description

MMS Code

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

3334	Bric	lge Bearin	gs		1	EA
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/21/2020		Mike Mi	lls			
Details						
Span 5 Bea	m 7 N	ear Bearin	g: (PAR) bearing frozen with pack	rust and 1/8" section loss at edge of	plate	
MMS Code	MI	MMS Description			Quantity	
3334	Bric	lge Bearin	gs		1	EA
Location:						
			Bent/Span No.			
Priority Leve	əl		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/21/2020		Mike Mi	lls			
Details	Details					
Span 2 Bea	Span 2 Beam 7 Near Bearing: (PAR) pack rust with 1/8" section loss on edge of plate					

Bridge: 110099 County BURKE

MMS Description

MMS Code

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

3334	Bric	dge Bearin	gs		1	EA
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/27/2020		Mike Mi	lls			
Details						
Span 5 Bea	m 11 l	Near Beari	ing 11: (PAR) bearing frozen with p	ack rust		
MMS Code MMS Description					Quantity	
3334	Bric	dge Bearin	gs		1	EA
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/27/2020		Mike Mi	lls			
Details						
Span 5 Bea	m 10 l	Near Beari	ing 10: (PAR) bearing frozen with p	ack rust		

Bridge: 110099 County BURKE

MMS Description

MMS Code

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

3334	Brid	lge Bearin	gs		1	EA
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/27/2020		Mike Mi	lls			
Details						
Span 5 Bea	m 9 N	ear Bearin	g 9: (PAR) bearing frozen with pac	k rust		
MMS Code	Code MMS Description				Quantity	
3334	Brid	ge Bearin	gs		1	EA
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/27/2020		Mike Mi	lls			
Details						
Span 5 Bea	m 8 N	ear Bearin	g 8: (PAR) bearing frozen with pac	k rust		

Bridge: 110099 County BURKE

MMS Description

MMS Code

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

3334	Bric	dge Bearin	gs		1	EA	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
			Request Awaiting Assignment				
Submitted D	Date:	Submitte	d By:	Assisted By:			
01/27/2020		Mike Mi	lls				
Details							
Span 4 Bea	m 7 F	ar Bearing	7: (PAR) bearing frozen with pack	rust			
MMS Code	ode MMS Description				Quantity		
3334	Bric	dge Bearin	gs		1	EA	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
			Request Awaiting Assignment				
Submitted D	Date:	Submitte	d By:	Assisted By:			
01/27/2020		Mike Mi	lls				
Details							
Span 4 Bea	m 8 F	ar Bearing	8: (PAR) bearing frozen with pack	rust			

Bridge: 110099 County BURKE

MMS Description

MMS Code

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

3334	Brid	lge Bearin	gs		1	EA
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/27/2020		Mike Mi	lls			
Details						
Span 4 Bea	m 9 Fa	ar Bearing	9: (PAR) bearing frozen with pack	rust		
MMS Codo	MMS Code MMS Description Quantity					
MMS Code					Quantity	
3334	Brio	lge Bearing	gs		1	EA
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
01/27/2020		Mike Mi	lls			
Details						
Span 4 Bea	m 10 l	ar Bearin	g 10: (PAR) bearing frozen with pa	ck rust		

Bridge: 110099 County BURKE

MMS Description

MMS Code

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

3334	Brid	ge Bearings			1	EA
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/27/2020		Mike Mi	lls			
Details						
Span 1 Bea	m 8 Fa	ar Bearing	8: (PAR) bearing frozen with pack	rust		
MMS Code	MN	//S Descrip	otion		Quantity	
3334	Brid	lge Bearin	gs		1	EA
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/27/2020		Mike Mi	lls			
Details						
Span 1 Bea	m 9 Fa	ar Bearing	9: (PAR) bearing frozen with pack	rust		

Bridge: 110099 County BURKE

MMS Description

MMS Code

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

3334	Bric	lge Bearin	ings			EA
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/27/2020		Mike Mi	lls			
Details						
Span 1 Bea	m 10 l	Far Bearin	g 10: (PAR) bearing frozen with pa	ck rust		
MMS Code	MI	MS Descrip	otion		Quantity	
3334	Bric	lge Bearin	gs		1	EA
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
01/27/2020		Mike Mi	lls			
Details						
Span 1 Bea	m 7 F	ar Bearing	7: (PAR) bearing frozen with pack	rust		

Bridge: 110099 County BURKE

MMS Description

MMS Code

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

3334	Brid	idge Bearings			1	EA	
Location:	Location:						
			Bent/Span No.				
Priority Leve	el		Status				
			Request Awaiting Assignment				
Submitted D	Date:	Submitte	d By:	Assisted By:			
01/27/2020		Mike Mi	lls				
Details							
Span 1 Bea	m 11 l	ar Bearin	g 11: (PAR) bearing frozen with pa	ck rust			
MMS Code	MN	//S Descrip	otion		Quantity		
3334	Brid	lge Bearin	gs		1	EA	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
			Request Awaiting Assignment				
Submitted D	Date:	Submitte	d By:	Assisted By:			
01/27/2020		Mike Mi	lls				
Details							
Span 1 Bea	m 11 ľ	Near Beari	ng 11: (PAR) corrosion with section	n loss (1/8" loss) at plate edges			

Bridge: 110099 County BURKE

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

					Quantity		
MMS Code	MN	MMS Description					
3348	Mai	ntain Cond	crete Substructure Components	rete Substructure Components			
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
			Request Awaiting Assignment				
Submitted D	Date:	Submitte	d By:	Assisted By:			
01/20/2020		Mike Mi	lls				
Details							
MMS Code	MN	//S Descrip	otion		Quantity		
3348	Mai	ntain Cond	crete Substructure Components		120	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
			Request Awaiting Assignment				
Submitted D	Date:	Submitte	d By:	Assisted By:			
01/21/2020		Mike Mi	lls				

Details

Bent 4 Cap 1: (PAR) span 5 face, from beam 8 to 11, longitudinal cracks (1/8" x 30') at top and bottom corners with delamination (up to full height x 30') and spalls (19' x up to 20" x 2") with exposed rusted rebar; cracks and delamination similar on span 4 face

Bridge: 110099 County BURKE

MMS Description

MMS Code

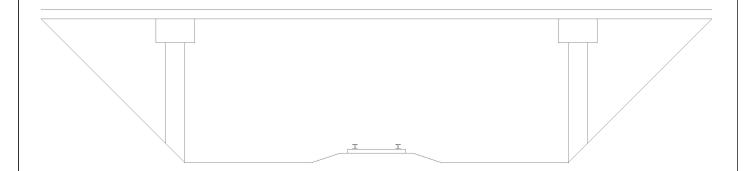
THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

0	No	Maintenance Required 1				NA
Location:						
			Bent/Span No.			
Priority Leve	əl		Status			
Priority Mair	ntenan	ice	Division Bridge Maintenance Noti	fication Received		
Submitted D)ate:	Submitte	d By:	Assisted By:		
01/15/2020		Mike Mi	lls			
Details						
(PAR) north	west g	juardrail at	ttachment not connected to bridge	rail		
MMS Code	NAN	MS Descrip	otion		Quantity	
		·				NIA
0	INO	Maintenan	ce Required		3	NA
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Recommend	ded		Routine Maintenance			
Submitted D)ate:	Submitte	d By:	Assisted By:		
01/15/2020		Mike Mi	lls			
Details						
(PAR) south	ıwest (guardrail te	ermination, impact damage (3')			

Bridge: 110099 County BURKE

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

IVIIVIS Code	IVIIV	vio Descrip	20011		Quantity			
0	No I	Maintenan	ce Required	e Required 15 NA				
Location:								
			Bent/Span No.					
Priority Leve)		Status					
Recommend	ded		Routine Maintenance					
Submitted D	ate:	Submitte	d By:	Assisted By:				
01/15/2020		Mike Mi	lls					
Details								
(PAR) south	east g	juardrail, a	at center, impact damage (15')					
MMS Code	MN	//S Descrip	otion		Quantity			
MMS Code		MS Descrip			Quantity 1	NA		
			otion ace Required			NA		
0			nce Required			NA		
0	No I					NA		
0 Location:	No I		nce Required Bent/Span No.			NA		
0 Location: Priority Leve	No l		Bent/Span No. Status Routine Maintenance	Assisted By:		NA		
O Location: Priority Leve	No l	Maintenan	Bent/Span No. Status Routine Maintenance	Assisted By:		NA		
O Location: Priority Leve Recommend Submitted D	No l	Maintenan Submitte	Bent/Span No. Status Routine Maintenance	Assisted By:		NA		
Details	No l	Maintenan Submitte Mike Mi	Bent/Span No. Status Routine Maintenance	Assisted By:		NA		
Details	No l	Maintenan Submitte Mike Mi	Bent/Span No. Status Routine Maintenance	Assisted By:		NA		
Details	No l	Maintenan Submitte Mike Mi	Bent/Span No. Status Routine Maintenance	Assisted By:		NA		
Details	No l	Maintenan Submitte Mike Mi	Bent/Span No. Status Routine Maintenance	Assisted By:		NA NA		



Measurements Under Span 3

Rail to Rail	5ft	1 set(s) of tracks	Looking: NORTH
Vertical Clearance	21.25ft	Measured from rail	1at Beam # 11
Distance to Left Bent	10.083ft		
Distance to Left Toe of Slope	8.25ft		
Distance to Right Bent	9.583ft		
Distance to Right Toe of Slope	7.417ft		

1/15/2020 not verified, awaiting rr entry permit VERIFIED SSP 1/9/18

Title	Descr	ription	
VERTICAL CLEARANCE	CLEA	RANCE DETAILS	
Bridge No: 110099 Drawn By	: DEREK RICKUS	Date: _{10/31/07}	File Name: S0142000423

4 THRU LANES ONE REVERSIBLE LANE

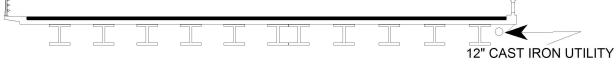


MEASUREMENTS TAKEN 15 FT FROM SOUTHWEST GUARDRAIL ATTACHMENT

Roadway	60ft Wide	5 Paved Lanes	Looking East
Left Shoulder	9ft Wide	2ft Paved	7ft Unpaved
Right Shoulder	7ft Wide	2ft Paved	5ft Unpaved
Left Guardrail	8.5ft from road		
Right Guardrail	5ft from road		

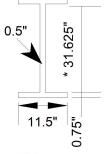
Title		Descri	ption		
APPROACH			APPROACH DETAILS		
Bridge No: 110099	Drawn By: ITChapman		Date: 1/15/2020	File Name: S0142000424	

Deck Width/Out to Out	Between Rails				72ft	
Clear Roadway	64ft	Wearin	Vearing Surface			0.45ft
Median Width		Median	n Height			
Curb Height		Left	0.3ft	Right	0.3f	t
Sidewalk Width	Sidewalk Width			Right	3ft	
Clear Roadway (Rail to Median))	Left		Right		
Guardrail Width	Guardrail Width			Right	* 0.	75ft
Top of Rail to Deck/Wearing Su	Left	* 3.75ft	Right	3.2	17ft	
Bridge Rail		Left	Type 3	Right	Тур	e 31



Measurements for Span #	1		
Deck Thickness	0.542	Left Overhang	5.09
Top of Rail to Bottom of Beam	7.083	Right Overhang	4.083

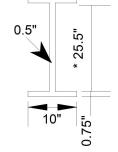
Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	6.83ft	
2	Steel I Beam	6.75ft	
3	Steel I Beam	6.75ft	
4	Steel I Beam	6.77ft	
5	Steel I Beam	6.75ft	
6	Steel I Beam	3.25ft	
7	Steel I Beam	7.02ft	
8	Steel I Beam	7.02ft	
9	Steel I Beam	7.01ft	
10	Steel I Beam	7.01ft	
11	Steel I Beam		



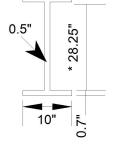
W33

Span 1: BM1 Span 2: BM1

Span 3: All BMS



Span 1: BM2-11 Span 2: BM7-11



W30

Span 1: BM2-11 Span 2: BM2-6

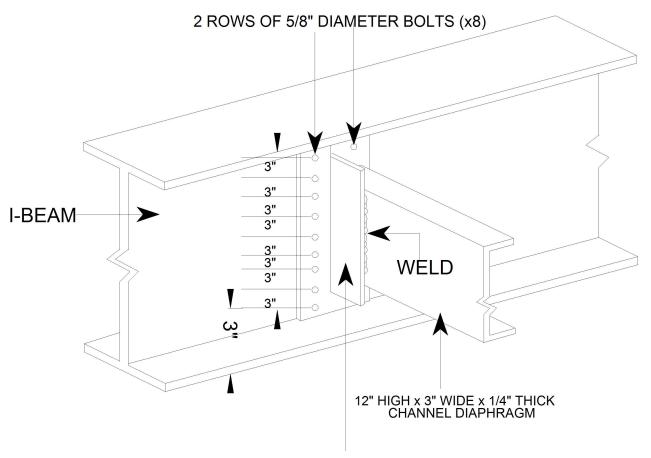
^{*} Revised: ITChapman 1/15/2020, sketch regenerated

Title		Description					
DECK SECTION		LOOKING EAST					
Bridge No: 110099	Drawn By: DEREK RICKUS		Date: _{10/31/07}	File Name:S0142000425			

DIAPHRAGM DETAILS

LOCATIONS: MIDSPAN

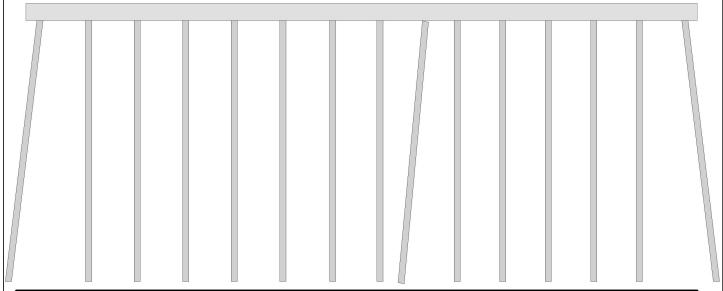
NOTE: SKETCH IS FOR DIAPHRAMS ON 27" BEAMS. DIAPHRAGMS ON DEEPER BEAMS HAVE LONGER T-BRACKETS AND 2 ADDITIONAL BOLTS.



24" HIGH x 7 1/2" WIDE x 9" DEEP STEEL T-BRACKET WELDED TO WEB OF CHANNEL DIAPHRAGM AND BOLTED TO WEB OF BEAM

VERIFIED SSP 1/9/18

Title		Description					
INTERMEDIATE DIAPHRA	AGMS	DIAPHRAGM DETAILS					
Bridge No: 110099	Drawn By: DELVIN ADAMS		Date: 1/9/2012	File Name: \$0146031600			



Cap Information Material Cast-in-Place Concrete											
Lengt	h Width	Height	Left Over	hang	Right Overh	nang Left B	eam to Er	nd of Cap. R	ght Beam to Er	nd of Cap.	
110.56f	t. 2.500 ft.	2.830 ft.	1.88 f	t.	1.47 ft.	1.47 ft. 2.30		2.300 ft.		1.500 ft.	
Subca	p Information		Material								
Lengt	h Width	Height	Left Over	hang	Right Overh	nang Left P	ile to Spli	ce.			
Sill Info	ormation		Material								
Lengt	h Width	Height									
Pile#	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacemen	? Removed?	Collar?	
1	Steel	8.22 ft.	1.021 ft.	0.979 ft		Battered	Yes	No	No	No	
2	Steel	7.95 ft.	1.021 ft.	0.979 ft		Vertical	Yes	No	No	No	
3	Steel	7.92 ft.	1.021 ft.	0.979 ft		Vertical	Yes	No	No	No	
4	Steel	8.01 ft.	1.021 ft.	0.979 ft		Vertical	Yes	No	No	No	
5	Steel	8.01 ft.	1.021 ft.	0.979 ft		Vertical	Yes	No	No	No	
6	Steel	8.16 ft.	1.021 ft.	0.979 ft		Vertical	Yes	No	No	No	
7	Steel	7.80 ft.	1.021 ft.	0.979 ft		Vertical	Yes	No	No	No	
8	Steel	4.65 ft.	1.021 ft.	0.979 ft		Vertical	Yes	No	No	No	
9	Steel	8.01 ft.	1.021 ft.	0.979 ft		Battered	Yes	No	No	No	
10	Steel	7.65 ft.	1.021 ft.	0.979 ft		Vertical	Yes	No	No	No	
11	Steel	7.84 ft.	1.021 ft.	0.979 ft		Vertical	Yes	No	No	No	
12	Steel	7.50 ft.	1.021 ft.	0.979 ft		Vertical	Yes	No	No	No	
13	Steel	7.64 ft.	1.021 ft.	0.979 ft		Vertical	Yes	No	No	No	
14	Steel	7.85 ft.	1.021 ft.	0.979 ft		Vertical	Yes	No	No	No	
15	Steel		1 021 ft	0 979 ft		Battered	Yes	No	No	No	
Bent/A	Bent/Abutment #: 2 Similar Bents:										

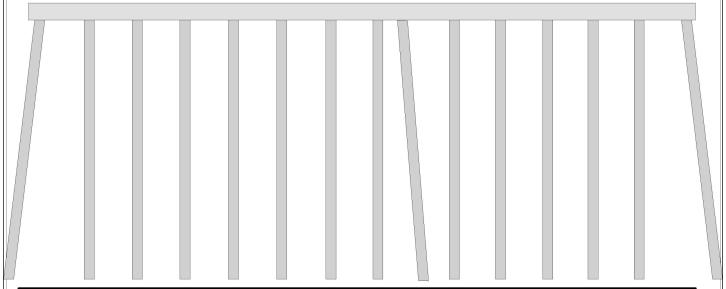
1/15/2020 not verified, awaiting rr entry permit Title BENT 2

Description

VERIFIED SSP 1/9/18

BENT 2

Drawn By: ERIC A. PATTERSON Date: 1/8/2014 File Name: S0146031960 Bridge No: 110099



0										
•	formation				Place Concre					
Lengt	h Width	Height	Left Over	hang	Right Overh	0			Right Beam to Er	nd of Cap.
110.560) ft. 2.500 ft.	2.830 ft.	1.880	ft.	1.470 ft.	2.	15 ft.		1.50 ft.	
Subca	p Information		Material							
Lengt	h Width	Height	Left Over	hang	Right Overh	ang Lef	t Pile to Spli	ce.		
Sill Info	ormation		Material							
Lengt	h Width	Height	0.7.5.5			-		LODET	NOAGE	
			STEEL	. H-P	ILES WI	IHFU	ILL CON	NCREII	E ENCASE	MENI
Pile#	Material	Spacing	Width/Dia.	Height	Length	Orientati	on Driven?	Replacem	ent? Removed?	Collar?
1	Concrete	8.22 ft.	1.67 ft.	1.67 ft.		Battered	Yes	No	No	No
2	Concrete	7.95 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
3	Concrete	7.92 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
4	Concrete	8.01 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
5	Concrete	8.01 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
6	Concrete	8.16 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
7	Concrete	7.80 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
8	Concrete	4.65 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
9	Concrete	8.01 ft.	1.67 ft.	1.67 ft.		Battered	Yes	No	No	No
10	Concrete	7.65 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
11	Concrete	7.84 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
12	Concrete	7.50 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
13	Concrete	7.64 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
14	Concrete	7.85 ft.	1.67 ft.	1.67 ft.		Vertical	Yes	No	No	No
15	Concrete		1 67 ft	1 67 ft		Battered	Yes	No	No	No
Bent/A	butment #:	1	Similar E	Bents:						

Title	Verified: ITChapman	1/15/2020	Descri	ption
BENT 1	vermed. 11 Onapman	1710/2020	LOOKII	NG EAST

Bridge No: 110099 Drawn By: H.W. HICKS, JR. Date: 1/17/2016 File Name: S0318000899



Cap I	nformation	n Material Cast-in-Place Concrete										
Leng		Height	Left Ove	rhang	Right Over	hang	Left E	Beam to E	nd of Cap.	Rig	ht Beam to E	nd of Cap.
110.55	50 ft. 2.500 f	^{ft.} 2.830 ft.	1.51	0 ft.	1.470 f	t.	2.	.150 ft.			1.500 ft.	
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orier	itation	Driven?	Replaceme	ent?	Removed?	Collar?
1	Steel	6.75 ft.	1.02 ft.	0.98 ft.		Batte	red	Yes	No		No	No
2	Steel	6.11 ft.	1.02 ft.	0.98 ft.		Verti	cal	Yes	No		No	No
3	Steel	6.17 ft.	1.02 ft.	0.98 ft.		Verti	cal	Yes	No		No	No
4	Steel	6.33 ft.	1.02 ft.	0.98 ft.		Verti	cal	Yes	No		No	No
5	Steel	6.38 ft.	1.02 ft.	0.98 ft.		Verti	cal	Yes	No		No	No
6	Steel	5.97 ft.	1.02 ft.	0.98 ft.		Verti	cal	Yes	No		No	No
7	Steel	6.30 ft.	1.02 ft.	0.98 ft.		Verti	cal	Yes	No		No	No
8	Steel	6.41 ft.	1.02 ft.	0.98 ft.		Verti	cal	Yes	No		No	No
9	Steel	5.31 ft.	1.02 ft.	0.98 ft.		Verti	cal	Yes	No		No	No
10	Steel	5.00 ft.	1.02 ft.	0.98 ft.		Verti	cal	Yes	No		No	No
11	Steel	8.45 ft.	1.02 ft.	0.98 ft.		Batte	red	No	No		No	No
12	Steel	7.62 ft.	1.02 ft.	0.98 ft.		Verti	cal	Yes	No		No	No
13	Steel	7.72 ft.	1.02 ft.	0.98 ft.		Verti	cal	Yes	No		No	No
14	Steel	7.75 ft.	1.02 ft.	0.98 ft.		Verti	cal	Yes	No		No	No

STEEL H-PILES ENCASED IN CONCRETE 1' ABOVE GROUNDLINE

1/15/2020 not verified, awaiting rr entry permit

7.75 ft.

7.55 ft.

1.02 ft.

1.02 ft.

1.02 ft.

VERIFIED SSP 1/9/18

Yes

Yes

Yes

No

No

No

No

No

No

No

No

No

Bent/Abutment #: 3

Steel

Steel

Steel

15

16

Similar Bents:

0.98 ft.

0.98 ft.

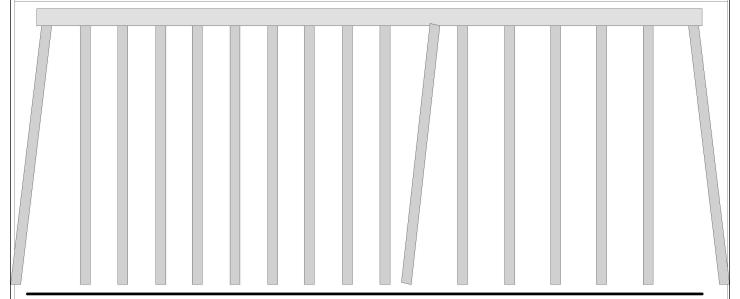
0.98 ft.

Title		Description					
BENT 3		BT.3 ONLY					
Bridge No: 110099	Drawn By: H.W. HICKS, JR.		Date: 1/18/2016	File Name: \$0318000900			

Vertical

Vertical

Battered



Cap Info	Cap Information Material Cast-in-Place Concret					te					
Length	Width	Height	Height Left Overhang Right Overhar		ing Left Beam to End of Cap.			Right Beam to End of Cap.			
110.550	ft. 2.500 ft.	2.830 ft.	1.630	ft.	1.430 ft.	2.1	50 ft.		1.	500 ft.	
Pile#	Material	Spacing	Width/Dia.	Heigh	t Length	Orientation	Driven?	Replacem	nent?	Removed?	Collar?
1	Concrete	6.42 ft.	1.67 ft.	1.67 ft		Battered	Yes	No	icit;	No	No No
-	Concrete	6.23 ft.				Vertical	Yes	No		No	No
2			1.67 ft.	1.67 ft							
3	Concrete	6.32 ft.	1.67 ft.	1.67 ft		Vertical	Yes	No		No	No
4	Concrete	6.04 ft.	1.67 ft.	1.67 ft		Vertical	Yes	No		No	No
5	Concrete	6.29 ft.	1.67 ft.	1.67 ft	1.	Vertical	Yes	No		No	No
6	Concrete	6.26 ft.	1.67 ft.	1.67 ft	:	Vertical	Yes	No		No	No
7	Concrete	6.07 ft.	1.67 ft.	1.67 ft	<u>.</u>	Vertical	Yes	No		No	No
8	Concrete	6.35 ft.	1.67 ft.	1.67 ft		Vertical	Yes	No		No	No
9	Concrete	6.25 ft.	1.67 ft.	1.67 ft	:.	Vertical	Yes	No		No	No
10	Concrete	4.47 ft.	1.67 ft.	1.67 ft	:	Vertical	Yes	No		No	No
11	Concrete	8.40 ft.	1.67 ft.	1.67 ft		Battered	Yes	No		No	No
12	Concrete	7.83 ft.	1.67 ft.	1.67 ft	:	Vertical	Yes	No		No	No
13	Concrete	7.62 ft.	1.67 ft.	1.67 ft	•	Vertical	Yes	No		No	No
14	Concrete	7.65 ft.	1.67 ft.	1.67 ft	:	Vertical	Yes	No		No	No
15	Concrete	7.74 ft.	1.67 ft.	1.67 ft	:	Vertical	Yes	No		No	No
16	Concrete	7.55 ft.	1.67 ft.	1.67 ft		Vertical	Yes	No		No	No
17	Concrete		1.67 ft.	1.67 ft	•	Battered	Yes	No		No	No

STEEL H-PILES CONCRETE ENCASED

Verified: ITChapman 1/15/2020

Bent/Abutment #:	4 Similar Bents:		
Title		Description	
BENT 4		LOOKING EAST	
Bridge No: 110099	Drawn By: H.W. HICKS, JR.	Date: 1/18/2016	File Name: S0318000901