

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

# Structure Safety Report

#### Routine Element Inspection - Contract

INSPECTION DATE: 09/22/2020

			INOI LOTION DA	03/22/202					
DIVISION: 3	COUNTY: PEN	IDER	STRUCT	TURE NUMBER:	700015	FREC	QUENCY:	24 MONT	THS
FACILITY CARRIED	: NC11					MILE POST:			
LOCATION: 0.2 MI.	S. OF JCT.SR1	324							
FEATURE INTERSE	CTED: CROOK	ED RUN							
LATITUDE: 34° 39	' 47.85"		LONGITUDE:	78° 2' 32.57"					
SUPERSTRUCTURE	i:								
SUBSTRUCTURE:									
SPANS: 2 SPAN	S. SEE SPAN P	ROFILE SHEET	FOR SPAN DI	ETAILS					
FRACTURE CR	ITICAL ☑T	EMPORARY SH	ORING	SCOUR CRITIC	CAL	<b>✓</b> SCOUR	PLAN OF	ACTION	
NBI GRADES:	DECK 6	SUPERSTRU	CTURE 5	SUBSTRUCTU	JRE _5	CULVER	T <u>N</u>		
POSTED SV: Not	Posted			POSTED TTS	T: Not Pos	sted			
OTHER SIGNS PRES	SENT: 4 DELIN	NEATORS							
			1						
					1	Sign noticed issued for			Number Required
3-44-VI						NO	WEIGH	HT LIMIT	0
					V.	NO	DELIN	EATORS	0
						NO	NARROW	/ BRIDGE	0
			111111111111111111111111111111111111111			NO	ONE LAN	E BRIDGE	0
	A			22		NO	LOW CLE	EARANCE	0
				ALC: UNITED BY					
							CTION OF ECTION	S-N	
							ECTION ES PLANS	:	
LOOKING NORTH						IVIA I OI	LOTEANO		
INSPECTED BY TIM EARP		SIGNATURI	= (L	m Eins)		ASSISTED BY	WARREI	N HACKLEF	3

II	DENTIFICATION —						
(1) STATE NAME NORTH CAR			700015	SUFFICIENCY RATING			67.99
(8) STRUCTURE NUMBER (FEDE			1410015	STATUS =			
(5) INVENTORY ROUTE (ON/UNI	,	13	31000110		CLASSIFICATION —		CODE
(2) STATE HIGHWAY DEPARTMI	•		3	(112) NBIS BRIDGE SYSTEM	CLASSIFICATION —		YES
(3) COUNTY CODE (FEDERAL)	141 (4) PLACE COD	ÞΕ	00000	(104) HIGHWAY SYSTEM	Inventory Pe	outo not on NIJC	
(6) FEATURE INTERSECTED	CROOKED RUN			,	•	oute not on NHS	
(7) FACILITY CARRIED	NC11			(26) FUNCTIONAL CLASS	Rural	Major Collector	0
(9) LOCATION	0.2 MI.S. OF JCT.SR1324			(100) STRAHNET HIGHWAY	Not a S1	TRAHNET Route	
(11) MILEPOINT			0.0	(101) PARALLEL STRUCTURE	No parallel	structure exists	1
(12) BASE HIGHWAY NETWORK			0	(102) DIRECTION OF TRAFFIC		2-way traffic	
(13) LRS INVENTORY ROUTE & S				(103) TEMPORARY STRUCTURE	E Temporary Structur	re or Conditions	
	9' 47.85" (17) LONGITUDE		2' 32.57"	,			
(98) BORDER BRIDGE STATE CO (99) BORDER BRIDGE STRUCTU		NT SHARED		(110) DESIGNATED NATIONAL N	NETWORK - on national ne		
(99) BONDEN BRIDGE STRUCTO	INL NOWIDER			(20) TOLL		On Free Road	
STRUCTU	JRE TYPE AND MATERI	AL ———		(21) MAINT -			0
(43) STRUCTURE TYPE MAIN			Steel	(22) OWNER -			0
TYPE	Stringer/Multi-beam or g	girder CODE	302	(37) HISTORICAL SIGNIFICANCI	F.		
(44) STRUCTURE TYPE APPROAG		3		(67) 1116 161 (167) 12 6161 (117) 11761			
TYPE	211	CODE		(EQ) DECK	CONDITION —		CODE
		CODE		(58) DECK			
(45) NUMBER OF SPANS IN MAIN	UNIT		2	(59) SUPERSTRUCTURE			
(46) NUMBER OF SPANS IN APPR	OACH		0	(60) SUBSTRUCTURE			
(107) DECK STRUCTURE TYPE		CODE	1	(61) CHANNEL & CHANNEL PRO	DTECTION		
(108)WEARING SURFACE/PROTE	CTIVE SYSTEM			(62) CULVERTS			ı
(A) TYPE OF WEARING SURF		CODE	6		RATING AND POSTING		CODE
(B) TYPE OF MEMBRANE	7.02	CODE	0	(31) DESIGN LOAD	ATING AND LOGINO	Unknown	CODL
(C) TYPE OF DECK PROTECT	FION	CODE	0	(63) OPERATING RATING METH	IOD	Load Factor	
(C) THE OF BECK PROTECT	ION	CODE	U		IOD -		
——— A	GE AND SERVICE -			(64) OPERATING RATING -		HS-33	6
(27) YEAR BUILT			1962	(65) INVENTORY RATING METH	IOD -		
(106) YEAR RECONSTRUCTED			0	(66) INVENTORY RATING		HS-20	36
(42) TYPE OF SERVICE ON -			Highway	(70) BRIDGE POSTING	No P	osting Required	
OFF -	Water	way CODE	15	(41) STRUCTURE OPEN, POSTE	ED. OR CLOSED		[
(28) LANES ON STRUCTURE	2 LANES UNDER S	•	0		en, would be psoted or clo		
(29) AVERAGE DAILY TRAFFIC			1500			porary shoring	CODE
(30) YEAR OF ADT	2019 (109) TRUCK AD	T DCT	7	(67) STRUCTURAL EVALUATION	APPRAISAL —		CODE
•	, ,	1101		,	•		
(19) BYPASS OR DETOUR LENGT			1.0	(68) DECK GEOMETRY			•
	EOMETRIC DATA ——			(69) UNDERCLEARANCES, VER	T & HORIZ		1
(48) LENGTH OF MAXIMUM SPA	N		19.0	(71) WATERWAY ADEQUACY			
(49) STRUCTURE LENGTH			41.0	(72) APPROACH ROADWAY ALI	GNMENT		
(50) CURB OR SIDEWALK: LEFT			0.7	(36) TRAFFIC SAFETY FEATURE	ES		000
(51) BRIDGE ROADWAY WIDTH, (52) DECK WIDTH OUT TO OUT	CURB TO CURB		24.1 27.5	(113) SCOUR CRITICAL BRIDGE			
(32) APPROACH ROADWAY WIT	H (W/ SHOULDERS)		23.0	,		_	
(33) BRIDGE MEDIAN	,	dian CODE	23.0		DSED IMPROVEMENTS		
(34) SKEW 30			0	(75) TYPE OF WORK		COD	E
(10) INVENTORY ROUTE MIN VE	` '		999.9	(76) LENGTH OF STRUCTURE II	MPROVEMENT		
(47) INVENTORY ROUTE TOTAL			24.1	(94) BRIDGE IMPROVEMENT CO	OST		
(53) MIN VERT CLEAR OVER BR	IDGE RDWY		999.9	(95) ROADWAY IMPROVEMENT	COST		
(54) MIN VERT UNDERCLEAR: I	REFERENCE		0.0	(96) TOTAL PROJECT COST			
(55) MIN LAT UNDERCLEARANCE	E RT: REFERENCE	N	0.0	(97) YEAR OF IMPROVEMENT C	COST ESTIMATE		
(56) MIN LAT UNDERCLEARANC	E LT:		0.0	(114) FUTURE ADT	3,000 YEAR OF FUT	URE ADT	204
NAV	IGATION DATA			. , - ,	INSPECTION —	<u>-</u> -	
(38) NAVIGATION CONTROL -		CODE	0	(90) INSPECTION DATE		1) FREQUENCY	24
(111) PIER PROTECTION		CODE		(92) CRITICAL FEATURE INSPE	,	(93) CFI DAT	ΓE
,	ADANCE	JODE	0.0	A) FRACTURE CRIT DETA		A)	
(39) NAVIGATION VERTICAL CLE			0.0				<b>65</b> /-
(116) VERT - LIFT BRIDGE NAV M	N VERT CLEAR		0.0	B) UNDERWATER INSP	60	•	09/1
(40) NAVIGATION HORIZONTAL C	LEARANCE		0.0	C) OTHER SPECIAL INSP	(	C)	
				SCOUR			

### Superstructure Build Details

Span Number 1

Span Length <u>20.5830</u>

Skew 120.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)		
14	Movable Bearing	Movable Bearing	14 Each		14 Each		Unknow	11
12	Fixed Bearing	Fixed Bearing	12	Each	Unknow	11		
13	Plate Girder	Steel Open Girder/Beam	273	Feet	Galvanized Protective System	936		
11	Other Bearing	Other Bearings	11	Each	Unknow	11		
2	Concrete Railing	Reinforced Concrete Bridge Railing	42	Feet				
1	Reinforced Concrete Deck	Reinforced Concrete Deck	523	Square Feet				
1	Asphalt Wearing Surface	Wearing Surface	496	Square Feet				

Span Number 2

Span Length 20.6700

Skew 120.0000

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
12	Plate Girder	Steel Open Girder/Beam	252	Feet	Galvanized Protective System	864
1	Reinforced Concrete Deck	Reinforced Concrete Deck	526	Square Feet		
11	Movable Bearing	Movable Bearing	11	Each	Unknow	11
2	Concrete Railing	Reinforced Concrete Bridge Railing	42	Feet		
11	Other Bearing	Other Bearings	11	Each	Unknow	11
11	Fixed Bearing	Fixed Bearing	11	Each	Unknow	11
1	Asphalt Wearing Surface	Wearing Surface	498	Square Feet		

## Structure Element Scoring

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	0	Reinforced Concrete Deck	Deck	1049	690	308	51	0
107	0	Steel Open Girder/Beam	Beam	462	395	23	36	8
515	107	Steel Protective Coating	Beam	1800	1303	426	55	16
216	0	Timber Abutment	Abutments	58	46	12	0	0
225	0	Steel Pile	Piles and Columns	8	0	5	3	0
515	225	Steel Protective Coating	Piles and Columns	125	122	1	0	2
228	0	Timber Pile	Piles and Columns	17	3	13	1	0
231	0	Steel Pier Cap	Caps	68	21	43	3	1
515	231	Steel Protective Coating	Caps	388	273	85	30	0
234	0	Reinforced Concrete Pier Cap	Caps	100	74	9	17	0
311	0	Movable Bearing	Bearing Device	22	9	10	3	0
515	311	Steel Protective Coating	Bearing Device	22	9	1	11	1
313	0	Fixed Bearing	Bearing Device	22	9	10	3	0
515	313	Steel Protective Coating	Bearing Device	22	9	2	11	0
316	0	Other Bearings	Bearing Device	22	0	20	2	0
515	316	Steel Protective Coating	Bearing Device	22	0	19	3	0
320	0	Prestressed Concrete Approach Slab	Approaches	0	0	0	0	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	84	56	20	8	0
510	0	Wearing Surface	Wearing Surfaces	994	859	60	75	0

## Summary of Maintenance Needs

#### Maintenance By Defect

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Cracking (RC and Other)	314 Square Feet
3326	Reinforced Concrete Deck	Delamination/Spall	40 Square Feet
3314	Steel Open Girder/Beam	Connection	1 Feet
3314	Steel Open Girder/Beam	Corrosion	43 Feet
3354	Steel Pile	Corrosion	3 Each
3344	Timber Pile	Check/Shake	1 Each
3344	Timber Pile	Decay/Section Loss	2 Each
3354	Steel Pier Cap	Damage	2 Feet
3354	Steel Pier Cap	Corrosion	2 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	17 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	1 Feet
3334	Movable Bearing	Corrosion	2 Each
3334	Movable Bearing	Connection	1 Each
3334	Fixed Bearing	Corrosion	3 Each
3334	Other Bearings	Corrosion	2 Each
3318	Reinforced Concrete Bridge Railing	Efflorescence/Rust Staining	1 Feet
3318	Reinforced Concrete Bridge Railing	Cracking (RC and Other)	3 Feet
3318	Reinforced Concrete Bridge Railing	Delamination/Spall	9 Feet
2816	Wearing Surface	Crack (Wearing Surface)	135 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	154 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	118 Square Feet
3342	Steel Protective Coating	Peeling/Bubbling/Cracking (steel Protective Coatings)	375 Square Feet

### **Element Structure Maintenance Quantities**

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3346	Maintenance of Timber Bulkheads or Wingwalls	0	58	0	0	12	46
Approaches	3353	Maintenance of Concrete Bridge Approach Slabs	0	О	О	О	О	0
Beam	3314	Maintenance Steel Superstructure Components	44	462	8	36	23	395
Beam	3342	Clean and Paint Steel	482	1800	16	55	426	1303
Bearing Device	3334	Bridge Bearing	8	66	0	8	40	18
Bearing Device	3342	Clean and Paint Steel	47	66	1	25	22	18
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	13	84	0	8	20	56
Caps	3342	Clean and Paint Steel	115	388	0	30	85	273
Caps	3348	Maintenance of Concrete Substructure	18	100	0	17	9	74
Caps	3354	Maintenance of Steel Substructure Components	4	68	1	3	43	21
Deck	3326	Maintenance of Concrete Deck	354	1049	0	51	308	690
Piles and Columns	3342	Clean and Paint Steel	3	125	2	0	1	122
Piles and Columns	3344	Maintenance To Timber Substrcutre	3	17	0	1	13	3
Piles and Columns	3354	Maintenance of Steel Substructure Components	3	8	0	3	5	0
Wearing Surfaces	2816	Asphalt Surface Repair	135	994	0	75	60	859

# Priority Actions Request

ructure Nur	nber <u>700015</u>		
oan1			
3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 2: 6" OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH 1/16" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.
3314	Beam 3	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 3: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 3" IN THE WEB, WITH 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.
3314	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 4: 6" OF RUST SCALE, BOTTOM FLANGE, UP TO 3" IN THE WEB DOWN TO A KNIFE EDGE REMAINING IN THE BOTTOM FLANGE, AT BENT 1. "PAR" HAS BEEN ISSUED FOR THIS CONDITION.
3314	Beam 5	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 1 Beam 5: 18" OF RUST SCALE, BOTTOM FLANGE, UP TO 4" IN THE WEE WITH 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.
3314	Beam 6	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 6: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 5" IN THE WEB, WITH 1/8" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.
3314	Beam 7	Plate Girder	
Priority	D ( ) T	0 "	
Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 1 Beam 7: 18" OF RUST SCALE, BOTTOM FLANGE, UP TO 5" IN THE WEE 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.
3314	Beam 8	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 1 Beam 8: 18" OF RUST SCALE, BOTTOM FLANGE, UP TO 5" IN THE WEE

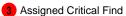
## **Priority Actions Request**

Structure Number	700015	
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-			1/4" REMAINING IN THE BOTTOM FLANGE. WITH A 2" DIAMETER AREA WITH 100% SECTION LOSS AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.
3314	Beam 11	Plate Girder	
Priority Level	Defeat Type	Quantitu	Defect Description
2	Defect Type Corrosion	Quantity 3	Span 1 Beam 11: 3' OF RUST SCALE, TOP AND BOTTOM FLANGE, UP TO 6" IN THE WEB, WITH 6" X UP TO 3" HOLE IN THE BOTTOM FLANGE, WITH 3/8" REMAINING IN THE WEB, WITH 5/16" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.
Span2			
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 2 Beam 1: RIGHT WEB AND BOTTOM FLANGE OVER BENT 1. HAS A 10" x 3" AREA OF 100% SECTION LOSS. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.
2	Corrosion	2	Span 2 Beam 1: SPAN 2 BEAM 1 OVER END BENT 1. WEB AND FLANGES HAVE AREAS OF SECTION LOSS WITH 1/8" REMAINING IN BOTTOM FLANGE AND 3/16" REMAINING IN WEB. AREA IS: FROM END OF BEAM OUT 18" x FULL WIDTH OF FLANGE AND FROM END OF BEAM OUT 12" x FULL HEIGHT OF WEB. A "PAR" HAS BEEN ISSUED FOR THESE CONDITIONS.
3314	Beam 5	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 2 Beam 5: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.
3314	Beam 6	Plate Girder	
Priority	Defeat Ton	Occupatible	Put and Property than
Level 2	Defect Type Corrosion	Quantity 3	Defect Description  Span 2 Beam 6: 3' OF RUST SCALE, TOP AND BOTTOM FLANGE, UP TO 3" IN THE WEB, WITH 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. BOTTOM FLANGE HAS A 1" DIAMETER HOLE. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.
3314	Beam 7	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 2 Beam 7: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH A KNIFE EDGE REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.
3314	Beam 8	Plate Girder	

? Priority Action Request (PAR) 1 Assigned Routine Maintenance

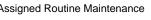




## **Priority Actions Request**

Structure Number 700015			
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 2 Beam 8: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH 1/16" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. BOTTOM FLANGE HAS (3) 1" DIAMETER HOLES. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.
3314	Beam 9	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 2 Beam 9: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH 1/8" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.
3314	Beam 11	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 2 Beam 11: 3' OF RUST SCALE IN TOP FLANGE WITH 5/16" REMAINING. BOTTOM FLANGE HAS A 12" x 3" AREA OF 100% SECTION LOSS. WEB HAS A 1 1/2" DIAMETER HOLE. THESE AREAS ARE OVER BENT 1. A "PAR" HAS BEEN ISSUED FOR THESE CONDITIONS.
2	Corrosion	1	Span 2 Beam 11: SPAN 2 BEAM 11 RIGHT WEB AND BOTTOM FLANGE OVER END BENT 2. WEB HAS A 5" x 3" AREA OF 100% SECTION LOSS. BOTTOM FLANGE HAS A 7" x 3" AREA OF SECTION LOSS WITH 1/4" REMAINING. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.
2	Corrosion	1	Span 2 Beam 11: BEAM 11 LEFT BOTTOM FLANGE AT CRUTCH BENT. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 3" WIDE x 10" LONG. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.
Bent 1			
3354	Cap 1	Steel Pier Cap	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Crutch Bent 1 Cap 1: BEARING STIFFNER UNDER BEAM 5. HAS A 7" x 2" AREA OF SECTION LOSS DOWN TO A KNIFE EDGE REMAINING. WITH A 1/2"





DIAMETER HOLE. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.

### Element Condition and Maintenance Data

Otractaro	700010						spootion B	ate. Objective
Spa	an 1	Deck						
Rei	nforced Concrete	Deck						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ed Concrete Deck	523	196	305	22	0 S	Square Feet
Elemer Numbe	Dofoct Typo	Defect Descrip	otion		CS	CS Qty	Maint Qty	
12	Delamination/Spall	1' X 2" X 1" SPALL, DECK UNDERS AT BENT 1.	SIDE, LEFT OVER	HANG,	3	1	1	Square Feet
12	Delamination/Spall	21' X 2" X 1" SPALL, DECK UNDER OVERHANG, AT BENT 1.	RSIDE, RIGHT		3	21	21	Square Feet
12	Cracking (RC and Other)	along underside of deck, multiple t 8ft x 0.02in]	ransverse cracks	s [up to	2	300	300	Square Feet
12	Patched Areas	2.5' X 2' PATCHED AREA, DECK UI BENT 1.	NDERSIDE, BAY	4, AT	2	5		Square Feet
	General Comments							

Spar	า 1	Beam 1						
Plate	e Girder							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	21	11	6	4	0 F	eet
515	Steel Pro	tective Coating	72	18	46	8	0 8	quare Feet
Element Number	Dofoot Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
107	Corrosion	1' OF RUST SCALE, BOTTOM FL REMAINING IN THE BOTTOM FL PLATE AND 2' X 3" REPAIR AND END BENT 1.	ANGE, WITH 3' X 7"		3	1	1	Feet
107	Corrosion	3' OF RUST SCALE, TOP AND B 1.	OTTOM FLANGE, AT	ΓBENT	3	3	3	Feet
107	Corrosion	2' OF FRECKLED RUST, TOP AN WEB, WEST FACE, AT END BEN		E AND	2	2		Feet
107	Corrosion	at near and far ends, surface co- full width]	rrosion [up to full he	ight x	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	8 SF OF FAILED COATING.			3	8	8	Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corros	ion		2	16	16	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	along length of beam, bubbling	paint in surface coat	only	2	30	30	Square Feet

Span 1		Beam 2						
Plate Gir	der							
Element Number 107	Steel C	Element Name pen Girder/Beam	Total Qty 21	CS1 Qty 20	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0	Feet
515	Steel P	rotective Coating	72	56	15	1	0	Square Feet
Element Number	Defect Type	Defect D	Description		CS	CS Qty	Maint Qty	
107 Corro	osion	6" OF RUST SCALE, BOTTOI WEB, WITH 1/16" REMAINING AT BENT 1. A "PAR" HAS BI CONDITION.	G IN THE BOTTOM FLA	NGE,	3	1		1 Feet

Structure	Number: <u>700015</u>		Inspe	ection Date: <u>09/22/2020</u>
515	Effectiveness (Steel 1 SF OF FAILED COATING. Protective Coatings)	3	1	1 Square Feet
515	Peeling/Bubbling/Cra along length of beam, bubbling paint in surface coat only cking (steel Protective Coatings)	2	15	15 Square Feet
	General Comments			

Spa	n 1	Beam 3						
Plat	e Girder							
	nent nber Steel Ope	Element Name en Girder/Beam	Total Qty 21	CS1 Qty 20	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 F	-eet
515	Steel Pro	ective Coating	72	56	15	1	0 8	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descrip	otion		CS	CS Qty	Maint Qty	
107	Corrosion	1' OF RUST SCALE, BOTTOM FLAI WEB, WITH 1/4" REMAINING IN TH BENT 1. A "PAR" HAS BEEN ISSU CONDITION.	E BOTTOM FLAN		3	1	1	Feet
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING.			3	1	1	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	along length of beam, bubbling pai	nt in surface coa	t only	2	15	15	Square Feet

Spa	ın 1	Beam 4						
Plat	e Girder							
	ment nber Steel Ope	Element Name en Girder/Beam	Total Qty 21	CS1 Qty 20	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 F	- eet
515	•	ective Coating	72	56	15	1	0 8	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descript	tion		CS	CS Qty	Maint Qty	
107	Corrosion	6" OF RUST SCALE, BOTTOM FLAN WEB DOWN TO A KNIFE EDGE REM BOTTOM FLANGE, AT BENT 1. A "F ISSUED FOR THIS CONDITION.	MAINING IN THE		3	1	1	Feet
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING.			3	1	1	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	along length of beam, bubbling pain	t in surface coat	only	2	15	15	Square Feet
•	General Comments							

Span 1		Beam 5						
Plate Gi	rder							
Element Number 107	Element Na Steel Open Girder/Beam	me	Total Qty 21	CS1 Qty 19	CS2 Qty 0	CS3 Qty 2	CS4 Qty 0	
515	Steel Protective Coating		72	56	15	1	_	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: <u>700015</u>			Inspec	tion Date: 09/22/2020
107	Corrosion	18" OF RUST SCALE, BOTTOM FLANGE, UP TO 4" IN THE WEB, WITH 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	3	2	2 Feet
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING.	3	1	1 Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	along length of beam, bubbling paint in surface coat only	2	15	15 Square Feet

General	Comments
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Spa	an 1	Beam 6						
Plat	te Girder							
	ment mber Steel O	Element Name pen Girder/Beam	Total Qty 21	CS1 Qty 19	CS2 Qty 1	CS3 Qty 1	CS4 Qty 0	Feet
515	Steel Pr	otective Coating	72	57	15	0	0 :	Square Feet
515	Steel Pr	otective Coating	72	70	0	2	0 :	Square Feet
Elemer Numbe	Dofoot Typo	Defect Descri	ption		CS	CS Qty	Maint Qty	
107	Corrosion	1' OF RUST SCALE, BOTTOM FLA WEB, WITH 1/8" REMAINING IN TH BENT 1. A "PAR" HAS BEEN ISSU CONDITION.	IE BÖTTOM FLAN		3	1	1	Feet
107	Distortion	West bottom flange near Mid-Spar	n, distortion [6in x	1/4in]	2	1		Feet
515	Effectiveness (Steel Protective Coatings)				3	2	2	Square Feet
515	cking (steel Protective Coatings)	a along length of beam, bubbling pa	int in surface coat	only	2	15	15	Square Feet
	General Comments							

Spai	n 1	I	Beam 7						
Plate	e Girder								
Elen Num 107	nber	Element Name en Girder/Beam		Total Qty 21	CS1 Qty 19	CS2 Qty 0	CS3 Qty 2	CS4 Qty 0 F	Feet
515	Steel Pro	tective Coating		72	55	15	2	0 \$	Square Feet
Element Number	Dofoct Typo		Defect Description			CS	CS Qty	Maint Qty	
107	Corrosion	WEB, 1/4" REMAIN	E, BOTTOM FLANGE ING IN THE BOTTOM EEN ISSUED FOR THI	FLANGE, A	T BENT	3	2	2	Feet
515	Effectiveness (Steel Protective Coatings)	2 SF OF FAILED CO	DATING.			3	2	2	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	along length of bea	m, bubbling paint in s	surface coa	t only	2	15	15	Square Feet

Spa	ın 1	Beam 8						
Plat	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	21	19	0	2	0 F	eet
515	Steel Pro	tective Coating	72	55	15	2	0 S	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
107	Corrosion	18" OF RUST SCALE, BOTTOM WEB, 1/4" REMAINING IN THE E 2" DIAMETER AREA WITH 100% 1. A "PAR" HAS BEEN ISSUED	BOTTOM FLANGE. W 6 SECTION LOSS AT	VITH A BENT	3	2	2	Feet
515	Effectiveness (Steel Protective Coatings)	2 SF OF FAILED COATING.			3	2	2	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	along length of beam, bubbling	paint in surface coat	only	2	15	15	Square Feet

Spa	ın 1	Beam 9						
Plat	e Girder							
	ment nber Steel Op	Element Name en Girder/Beam	Total Qty 21	CS1 Qty 20	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 F	eet
515	Steel Pro	tective Coating	72	56	15	1	0 S	quare Feet
515	Steel Pro	tective Coating	72	72	0	0	0 S	Square Feet
Elemen Numbe	Dofoot Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
107	Corrosion	1' OF RUST SCALE, BOTTOM FL WEB, AT BENT 1.	ANGE, UP TO 2" IN	THE	3	1	1	Feet
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING.			3	1	1	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	along length of beam, bubbling p	paint in surface coat	only	2	15	15	Square Feet

Spai	n 1	Beam 10						
Plate	e Girder							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	21	12	8	1	0	Feet
515	Steel Pro	tective Coating	72	40	15	1	16	Square Feet
Element Number	Dofoct Typo	Defect Descript	ion		CS	CS Qty	Maint Qty	
107	Corrosion	1' OF RUST SCALE, BOTTOM FLANG WEB, AT BENT 1.	GE, UP TO 3" IN	THE	3	1	1	I Feet
107	Corrosion	BEAM 10 TOP FLANGE. HAS SCAT RUST AND FLAKING WITH NO MEAS LOSS.	_	-	2	8		Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING HAS LIMITE	D EFFECTIVEN	ESS.	4	16	16	S Square Feet
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING.			3	1	1	I Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	along length of beam, bubbling pain	t in surface coa	t only	2	15	15	5 Square Feet

Structure Number: 700015

Spa	n 1	Beam 11						
Plat	e Girder							
Elen Nun 107		Element Name en Girder/Beam	Total Qty 21	CS1 Qty 13	CS2 Qty 4	CS3 Qty 1	CS4 Qty 3 F	eet
515	Steel Pro	tective Coating	72	25	42	5	0 5	Square Feet
Elemen Number	Dofoot Typo	Defect Descrip	tion		CS	CS Qty	Maint Qty	
107	Corrosion	3' OF RUST SCALE, TOP AND BOT IN THE WEB, WITH 6" X UP TO 3" H FLANGE, WITH 3/8" REMAINING IN REMAINING IN THE BOTTOM FLAN "PAR" HAS BEEN ISSUED FOR TH	OLE IN THE BOT THE WEB, WITH GE, AT BENT 1.	TTOM 5/16"	4	3	3	Feet
107	Corrosion	6" OF RUST SCALE, BOTTOM FLAN WEB, AT END BENT 1.	NGE, UP TO 2" IN	ITHE	3	1	1	Feet
107	Corrosion	at near and far ends, surface corros full width]	ion [up to full he	eight x	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	5 SF OF FAILED COATING.			3	5	5	Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corrosion			2	12	12	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings) General Comments	along length of beam, bubbling pair	nt in surface coaf	t only	2	30	30	Square Feet
(	General Comments							

Spa	an 1	Wearing S	Surface					
Asp	halt Wearing Su	ırface						
	ment mber Weari	Element Name ing Surface	Total Qty 496	CS1 Qty 447	CS2 Qty 24	CS3 Qty 25	CS4 Qty 0 S	quare Feet
Elemer Numbe	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	at End Bent 1, transverse crack	[full width x 1/8in]		3	25	25	Square Feet
510	Crack (Wearing Surface)	throughout span, multiple trans up to 0.02in]	verse cracks [full wi	dth x	2	24	24	Square Feet
	General Comments							

Spa	n 1	Left Bridge Rail						
Con	crete Railing							
	ment nber Reinford	Element Name ed Concrete Bridge Railing	Total Qty 21	CS1 Qty 14	CS2 Qty 5	CS3 Qty 2	CS4 Qty 0 Feet	
Elemen Numbe	Dofoot Tuno	Defect Description			CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	5" X 1/16" DIAGONAL CRACK, TOP FAC RAIL, 1' FROM END BENT 1.	E OF BOTT	OM	3	1	1 Feet	
331	Delamination/Spall	at base of rail post 2, spall [8in x 2in x 3/exposed rusted reinforcing no section lo		rith	3	1	1 Feet	
331	Cracking (RC and Other)	NORTH FACE OF POST 1 HAS A 1/16" V VERTICAL CRACK.	VIDE x 8" HI	GH	2	1	Feet	
331	Cracking (RC and Other)	top face of curb at End Bent 1, transvers 0.02in]	se crack [8ir	n x	2	1	Feet	

Structure	Number: <u>700015</u>			Inspe	ction Date: <u>09/22/2020</u>
331	Delamination/Spall	4" X UP TO 4" X 1/2" SPALL, SOUTHEAST CORNER OF BOTTOM RAIL, AT END BENT 1.	2	1	1 Feet
331	Delamination/Spall	at top of rail post 2 and 3, delamination [7in x 3in]	2	2	2 Feet
	General Comments				

ın 1	Right Bridge F	Rail				
crete Railing						
ment nber Reinforc	Element Name	Total Qty 21	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty 0 Feet
it Defect Type				cs	CS Qty	Maint Qty
Cracking (RC and Other)	8" X 1/16" TRANSVERSE CRACK, TO RAIL, NEAR MID SPAN.	P FACE OF BO	MOTTC	3	1	1 Feet
Delamination/Spall	top of curb at End Bent 1, spall [8in >	6in x 3/4in]		3	1	1 Feet
Cracking (RC and Other)	RIGHT RAIL HAS SCATTERED HAIR TRANSVERSE CRACKS	LINE, MAP AND	)	2	10	Feet
Cracking (RC and Other)	top face of curb at End Bent 1, diago	nal crack [8in >	( 0.02in]	2	1	Feet
ו	rete Railing nent hber Reinforc  t Defect Type Cracking (RC and Other) Delamination/Spall Cracking (RC and Other) Cracking (RC and Other) Cracking (RC and	crete Railing  ment hber Element Name Reinforced Concrete Bridge Railing  t Defect Type Defect Descripti Cracking (RC and Other) RAIL, NEAR MID SPAN. Delamination/Spall top of curb at End Bent 1, spall [8in x Cracking (RC and Other) TRANSVERSE CRACKS Cracking (RC and Other) TRANSVERSE CRACKS Cracking (RC and top face of curb at End Bent 1, diago	crete Railing  nent Element Name Qty Reinforced Concrete Bridge Railing 21  t Defect Type Defect Description  Cracking (RC and Other) RAIL, NEAR MID SPAN. Delamination/Spall top of curb at End Bent 1, spall [8in x 6in x 3/4in]  Cracking (RC and Other) TRANSVERSE CRACKS  Cracking (RC and top face of curb at End Bent 1, diagonal crack [8in x 6])	crete Railing  nent Element Name Qty Qty Reinforced Concrete Bridge Railing 21 8  t Defect Type Defect Description  Cracking (RC and Other) RAIL, NEAR MID SPAN. Delamination/Spall top of curb at End Bent 1, spall [8in x 6in x 3/4in]  Cracking (RC and Other) TRANSVERSE CRACKS  Cracking (RC and Other) TRANSVERSE CRACKS	crete Railing  nent Element Name Qty Qty Qty Qty Reinforced Concrete Bridge Railing 21 8 11  t Defect Type Defect Description CS  Cracking (RC and Other) RAIL, NEAR MID SPAN. Delamination/Spall top of curb at End Bent 1, spall [8in x 6in x 3/4in] 3  Cracking (RC and Other) RIGHT RAIL HAS SCATTERED HAIRLINE, MAP AND 2  TRANSVERSE CRACKS  Cracking (RC and Other) TRANSVERSE CRACKS	crete Railing  Inent Element Name Qty

Spa	n 1	Span 1 Be	am 1 Near Bearin	ıg				
Mov	able Bearing							
	ment nber Movable	Element Name Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
311	Corrosion	RUST SCALE, BEARING ASSEM	MBLY.		3			Each
311	Corrosion	surface corrosion with section I	oss [1/16in]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corros	ion and section loss		4	1		Square Feet
515	Effectiveness (Steel Protective Coatings)	RUST SCALE, BEARING ASSEM	IBLY.		3			Square Feet
	General Comments							

Spa	an 1	Span 1 Be	am 1 Far Bearing	3				
Fix	ed Bearing							
	ment mber Fixed	Element Name Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0	Each
515		Protective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
313	Connection	at West side anchor bolt nut is r	missing		3			Each
313	Corrosion	RUST SCALE, BEARING ASSEM	MBLY.		3	1		I Each
313	Corrosion	surface corrosion with no section	on loss noted		2			Each
515	Effectiveness (Ste Protective Coating	•	MBLY.		3	1	,	I Square Feet
515	Effectiveness (Ste Protective Coating		sion		2			Square Feet
	General Comments							

Spa	an 1		Span 1 Beam 2 F	ar Bearin	ıg				
Fixe	ed Bearing								
	ment mber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	F	ixed Bearing		1	0	0	1	0	Each
515	S	iteel Protective Coating		0	0	0	0	0	Square Feet
515	8	teel Protective Coating		1	0	0	1	0	Square Feet
Elemer Numbe	Dofoot To	pe	Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion	RUST SCALE, BE	ARING ASSEMBLY.			3	1	•	1 Each
515	Effectiveness Protective Coa	,	ARING ASSEMBLY.			3	1	•	1 Square Feet

General C	omments
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Span	1	Span 1 Beam	3 Far Bearin	ıg				
Fixed	l Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0 E	Each
515	Steel Pro	tective Coating	1	0	0	1	0 \$	Square Feet
Element Number	Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	
313 C	Corrosion	SURFACE RUST, BEARING ASSEM	IBLY.		2	1		Each
	Effectiveness (Steel Protective Coatings)	SURFACE RUST, BEARING ASSEM	IBLY.		3	1	1	Square Feet
Ge	eneral Comments							

Spa	an 1	Span 1 Bear	n 4 Far Bearin	g				
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed E	Bearing	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descri	ption		CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE RUST, BEARING ASSE	MBLY.		2	1		Each
515	Effectiveness (Steel Protective Coatings	· ·	MBLY.		3	1	1	Square Feet
	<b>General Comments</b>							

Span 1		Span 1 Beam 5 F	ar Bearin	g				
Fixed B	earing							
Element Number		Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0 Each	
515	Steel Protective Coati	ng	1	0	0	1	0 Square Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure Number: 700015

313 Corrosion SURFACE RUST, BEARING ASSEMBLY.

2 1 Each

3

1

1 Square Feet

515 Effectiveness (Steel SURFACE RUST, BEARING ASSEMBLY. Protective Coatings)

Spar	n 1	Span 1 Beam	6 Far Bearir	ng				
Fixe	d Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0 E	ach
515	Steel Pro	etective Coating	1	0	0	1	0 8	Square Feet
Element Number	Dofoct Typo	Defect Descript	ion		CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE RUST, BEARING ASSEME	BLY.		2	1		Each
	Effectiveness (Steel Protective Coatings)	SURFACE RUST, BEARING ASSEME	BLY.		3	1	1	Square Feet
-	General Comments							

Spa	n 1	Span 1 Beam	7 Far Bearin	ıg				
Fixe	ed Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0 E	Each
515	Steel Pro	etective Coating	1	0	0	1	0 \$	Square Feet
Elemen Number	Dofoot Typo	Defect Descript	tion		CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE RUST, BEARING ASSEMI	BLY.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST, BEARING ASSEMI	BLY.		3	1	1	Square Feet
(	General Comments							

Spa	ın 1	Span 1 Be	eam 8 Far Bearin	g				
Fixe	ed Bearing							
	ment nber Fixed B	Element Name earing	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	Each
515	Steel P	rotective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Des	scription		CS	CS Qty	Maint Qty	
313	Corrosion	surface corrosion with no secti	on loss noted		2			Each
313	Corrosion	SURFACE RUST, BEARING AS	SEMBLY.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	•	sion		3	1		1 Square Feet
515	Effectiveness (Steel Protective Coatings)		SEMBLY.		3			Square Feet
	General Comments	·						_

Spai	n 1	Span 1 Beam	9 Far Bearin	g				
Fixe	ed Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	aring	1	0	1	0	0 1	Each
515	Steel Pro	tective Coating	1	0	0	1	0 3	Square Feet
Element Number	Dofoct Typo	Defect Descript	ion		CS	CS Qty	Maint Qty	
313	Corrosion	SURFACE RUST, BEARING ASSEME	BLY.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST, BEARING ASSEME	BLY.		3	1	1	Square Feet
(	General Comments							

Span		Span 1 Bea	m 10 Far Beari	ng				
Fixed	d Bearing							
Elem Num 313	• • • • • • • • • • • • • • • • • • • •	Element Name aring	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0	
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Element Number	Dofoct Typo	Defect Descr	ription		CS	CS Qty	Maint Qty	
313	Corrosion	RUST SCALE, BEARING ASSEME	BLY.		3	1		1 Each
313	Corrosion	surface corrosion with no section	loss noted		2			Each
	Effectiveness (Steel Protective Coatings)	paint failure with surface corrosic	on		3	1		1 Square Feet
	Effectiveness (Steel Protective Coatings)	RUST SCALE, BEARING ASSEME	BLY.		3			Square Feet
7	Seneral Comments		•	•		•		<u> </u>

Spa	an 1		S	pan 1 Beam 11 N	Near Bea	ring				
Mo	vable E	Bearing								
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311		Movable	Bearing		1	0	1	0	0	Each
515		Steel Pro	tective Coating		1	0	1	0	0	Square Feet
Elemer Numbe		efect Type		Defect Description			CS	CS Qty	Maint Qty	
311	Corros	sion	surface corrosion in anchor bolt nut on le	0 1	1/16" secti	on loss	2	1		Each
515		iveness (Steel ctive Coatings)	paint failure with sur	face corrosion and s	ection loss	3	2	1	1	Square Feet
	Genera	l Comments								

\*\*\*\*copy beam 1

Span 1		Span 1 Beam 11 F	ar Beari	ng				
Fixed B	earing							
Element Number		е	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	0	1	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure Number: 700015

313 Corrosion SURFACE RUST, BEARING ASSEMBLY.

515 Effectiveness (Steel Protective Coatings)

SURFACE RUST, BEARING ASSEMBLY.

3 1 1 Square Feet

Spa	an 1	Span 1 Bea	m 1 Intermedia	te Bear	ing			
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0 E	ach
515	Steel Pro	etective Coating	1	0	0	1	0 8	Square Feet
Elemei Numbe	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	surface corrosion with no section	n loss noted		2	1		Each
515	Effectiveness (Steel Protective Coatings)	RUST SCALE, BEARING ASSEME	BLY.		3	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corrosion	on		2			Square Feet
	General Comments							

Spa	an 1	Span 1 Be	eam 2 Intermedia	ite Bear	ing			
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dotoct Typo	Defect Des	scription		CS	CS Qty	Maint Qty	
316	Corrosion	surface corrosion with no secti	on loss noted		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corro	sion		2	1		1 Square Feet
	General Comments							

Span 1 Span 1 Beam 3 Intermediate Bearing								
er Bearing								
ment nber Other Be	Element Name arings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0		
Steel Pro	tective Coating	1	0	1	0	0	Square Feet	
t r Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty		
Corrosion	surface corrosion with no section	on loss noted		2	1		Each	
Effectiveness (Steel Protective Coatings)	paint failure with surface corros	sion		2	1		1 Square Feet	
	er Bearing nent nber Other Be Steel Pro  t Defect Type Corrosion Effectiveness (Steel	rer Bearing  The Bearing  Other Bearings Steel Protective Coating  The Defect Type Defect Deserting Corrosion Surface corrosion with no section Effectiveness (Steel paint failure with surface corrosions)	rer Bearing  Total Other Bearings Other Bearings Steel Protective Coating  Total Otty Other Bearings 1  Steel Protective Coating 1  Defect Type Defect Description Corrosion Surface corrosion with no section loss noted Effectiveness (Steel paint failure with surface corrosion	rer Bearing  Total CS1  Defect Type Defect Description  Corrosion Surface corrosion with no section loss noted  Effectiveness (Steel paint failure with surface corrosion	rer Bearing  Total CS1 CS2  Defect Type Defect Description CS  Corrosion surface corrosion with no section loss noted  Element Name Qty Qty Qty Qty  Other Bearings 1 0 1  Steel Protective Coating 1 0 1  CS  CS  Corrosion Surface corrosion with no section loss noted 2  Effectiveness (Steel paint failure with surface corrosion 2	rer Bearing  Total CS1 CS2 CS3 Therefore Element Name Qty Qty Qty Qty Qty Qty Other Bearings 1 0 1 0 Steel Protective Coating 1 0 1 0  Therefore Defect Description CS CS Qty Corrosion surface corrosion with no section loss noted 2 1  Effectiveness (Steel paint failure with surface corrosion 2 1	rer Bearing  Total CS1 CS2 CS3 CS4 ribber Element Name Qty Qty Qty Qty Qty Qty Other Bearings 1 0 1 0 0 Steel Protective Coating 1 0 1 0 0  Total CS1 CS2 CS3 CS4 Ref Potential CS1 CS3 CS	

**General Comments** 

Spar	n 1	Span 1 Be	am 4 Intermedia	te Bear	ing			
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
316	Corrosion	surface corrosion with no section	on loss noted		2	1		Each
	Effectiveness (Steel Protective Coatings)	paint failure with surface corros	ion		2	1		1 Square Feet
<u>-</u>	General Comments							

Spa	Span 1 Span 1 Beam 5 Intermediate Bearing							
Othe	er Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	surface corrosion with no section	n loss noted		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corrosic	on		2	1		1 Square Feet
(	General Comments							

Spar	n 1	Span 1 Bea	m 6 Intermedia	te Bear	ing			
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoct Typo	Defect Descr	ription		CS	CS Qty	Maint Qty	
316	Corrosion	surface corrosion with no section	loss noted		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corrosic	on		2	1		1 Square Feet
(	General Comments							

Span 1 Span 1 Beam 7 Intermediate Bearing								
Othe	er Bearing							
Elen Num 316		Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
515	Steel Pr	otective Coating	1	0	1	0	0 Square F	eet
lemen lumbei	Dofoot Typo	Defect Des	scription		CS	CS Qty	Maint Qty	
316	Corrosion	surface corrosion with no secti	on loss noted		2	1	Each	
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corro	sion		2	1	1 Square	Feet

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Spa	ın 1	Span 1 Bea	ım 8 Intermedia	te Beari	ing			
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	surface corrosion with no sectio	n loss noted		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corrosi	on		2	1	1	I Square Feet
•	General Comments							

Spa	Span 1 Span 1 Beam 9 Intermediate Bearing								
Oth	er Bearing								
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	arings	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct 7	Гуре	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion		surface corrosion with no section	on loss noted		2	1		Each
515	Effectiveness Protective Co		paint failure with surface corros	sion		2	1	,	1 Square Feet
	General Comr	nents							

Spa	Span 1 Span 1 Beam 10 Intermediate Bearing								
Oth	er Bearing								
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	(	Other Bea	arings	1	0	1	0	0	Each
515	5	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct To	уре	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion		surface corrosion with no section	on loss noted		2	1		Each
515	Effectiveness Protective Co		paint failure with surface corros	sion		2	1		1 Square Feet
	General Comm	ents							

Span 1	Span 1 Beam 11 Intermediate Bearing						
Other B	earing						
Element Number	Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Bearings		1	0	1	0	0 Each
515	Steel Protective Coatin	ng	1	0	0	1	0 Square Feet
lement lumber	Defect Type	Defect Description			CS (	CS Qty	Maint Qty

Structure	Number: <u>700015</u>			Inspe	ction D	ate: <u>09/22/2020</u>
316	Corrosion	RUST SCALE, BEARING ASSEMBLY.	3			Each
316	Corrosion	surface corrosion with no section loss noted	2	1		Each
515	Effectiveness (Steel Protective Coatings)	RUST SCALE, BEARING ASSEMBLY.	3	1	1	Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corrosion	2			Square Feet
	General Comments					

Spa	an 2	Deck						
Rei	nforced Concrete	Deck						
	ment mber	Element Name	Total Qty 526	CS1 Qty 494	CS2 Qty 3	CS3 Qty 29	CS4 Qty	avere Feet
	Remore	rea Concrete Deck	520	494	<u> </u>	29	0 5	quare Feet
Elemei Numbe	Dofoot Typo	Defect Description	n		CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	(4) UP TO 3' X 1/8" CRACKS, RIGHT TF RANDOM THROUGHOUT.	RAVEL LANE,	, AT	3	12	12	Square Feet
12	Cracking (RC and Other)	2' X 1/16" CRACK, WITH EFFLORESCE UNDERSIDE, BAY 2, AT END BENT 2.	2' X 1/16" CRACK, WITH EFFLORESCENCE, DECK 3 2 2 Square Fee UNDERSIDE, BAY 2, AT END BENT 2.					Square Feet
12	Delamination/Spall	10' X UP TO 2" X 1" SPALL, DECK UND OVERHANG, BEGINNING AT BENT 1.	DERSIDE, RIG	HT	3	10	10	Square Feet
12	Delamination/Spall	18" x 3" x 1" DEEP SPALL IN LEFT OV 4' FROM END BENT 2.	ERHANG. LO	OCATED	3	2	2	Square Feet
12	Delamination/Spall	3' X 2" X 1" SPALL, DECK UNDERSIDE AT BENT 1.	, LEFT OVER	RHANG,	3	3	3	Square Feet
12	Delamination/Spall	=					Square Feet	
12	Delamination/Spall	3" DIAMETER X 1" SPALL, WITH EXPO DECK UNDERSIDE, BAY 1, 2' FROM BI		RCING,	2	1	1	Square Feet
12	Delamination/Spall	4" DIAMETER X 1" SPALL, WITH EXPO DECK UNDERSIDE, BAY 1, 3' FROM EI		RCING,	2	1	1	Square Feet
	General Comments							

Spa	n 2	Beam 1						
Plate	e Girder							
Elen Num 107	nber	Element Name Open Girder/Beam	Total Qty 21	CS1 Qty 12	CS2 Qty 4	CS3 Qty 4	CS4 Qty 1	Feet
515	Steel	Protective Coating	72	29	38	5	0	Square Feet
Elemen Number	Dofoot Tuno	Defect Descrip	otion		CS	CS Qty	Maint Qty	
107	Corrosion	RIGHT WEB AND BOTTOM FLANG 10" x 3" AREA OF 100% SECTION I BEEN ISSUED FOR THIS CONDITION	LOSS. A "PAR" H		4	1		1 Feet
107	Connection	West side at near end, anchor bolt	nut is missing		3	1		1 Feet
107	Corrosion	1' OF RUST SCALE, TOP FLANGE	AND WEB OVER F	BENT 1.	3	1		1 Feet
107	Corrosion	SPAN 2 BEAM 1 OVER END BENT HAVE AREAS OF SECTION LOSS WE BOTTOM FLANGE AND 3/16" REMAIS: FROM END OF BEAM OUT 18" SELANGE AND FROM END OF BEAM HEIGHT OF WEB. A "PAR" HAS BECONDITIONS.	WITH 1/8" REMAIN AINING IN WEB. A x FULL WIDTH OF M OUT 12" x FULL	NING IN AREA	3	2	:	2 Feet
107	Corrosion	at near and far ends, surface corros height x full width]	sion [2ft x up to fu	ıll	2	4		Feet
515	Effectiveness (Stee Protective Coating				3	5	!	5 Square Feet

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515	Effectiveness (Steel Protective Coatings)	paint failure with surface corrosion	2	8	8 Square Feet	
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	along length of beam, bubbling paint in surface coat only	2	30	30 Square Feet	
	General Comments					

Span	2	Beam 2					
Plate	Girder						
Eleme Numb	er Element Name	}	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam		21	21	0	0	0 Feet
515	Steel Protective Coating		72	57	15	0	0 Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
C _F	Peeling/Bubbling/Cra along length of b king (steel Protective Coatings)	eam, bubbling paint in s	urface co	at only	2	15	15 Square Feet
Ge	eneral Comments						

Span	2	Beam 3					
Plate	Girder						
Eleme Numb 107		Э	Total Qty 21	CS1 Qty 21	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0 Feet
515	Steel Protective Coating		72	57	15	0	0 Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty
(	Peeling/Bubbling/Cra along length of b cking (steel Protective Coatings)	eam, bubbling paint in s	urface co	at only	2	15	15 Square Feet
G	eneral Comments						

Span Plate	2 Girder	Beam 4						
Eleme Numb			Total Qty 21	CS1 Qty 21	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0	
515	Steel Protective Coating		72	57	15	0	0	Square Feet
 Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
515 Peeling/Bubbling/Cra along length of be cking (steel Protective Coatings)		of beam, bubbling paint in s	surface coa	at only	2	15	Í	Square Feet
G	eneral Comments							

Spa	ın 2	Beam 5						
Plat	e Girder							
	ment nber Steel (	Element Name Open Girder/Beam	Total Qty 21	CS1 Qty 20	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 Fee	t
515		Protective Coating	72	55	15	2	0 Squ	are Feet
Elemen Numbe	Dofoot Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
107	Corrosion	1' OF RUST SCALE, BOTTOM FL WEB, WITH 1/4" REMAINING IN BENT 1. A "PAR" HAS BEEN IS CONDITION.	THE BOTTOM FLAN		3	1	1 F	eet
515	Effectiveness (Stee Protective Coatings				3	2	2 S	quare Feet
515	Peeling/Bubbling/C cking (steel Protective Coatings	ra along length of beam, bubbling	paint in surface coat	only	2	15	15 S	quare Feet
•	General Comments							

Spa	n 2	Beam 6						
Plat	te Girder							
Nur	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107			21	18	0	3	0	Feet
515	Steel Pro	Steel Protective Coating			15	5	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Description	on		CS	CS Qty	Maint Qty	
107	Corrosion	3' OF RUST SCALE, TOP AND BOTTO IN THE WEB, WITH 1/4" REMAINING I FLANGE, AT BENT 1. BOTTOM FLAN DIAMETER HOLE. A "PAR" HAS BEE CONDITION.	N THE BOTTO GE HAS A 1"	M	3	3	3	3 Feet
515	Effectiveness (Steel Protective Coatings)	5 SF OF FAILED COATING.			3	5	5	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	along length of beam, bubbling paint	in surface coa	t only	2	15	15	Square Feet
	General Comments							<del>_</del>

n 2	Beam 7						
e Girder							
nent nber Steel Ope	Element Name en Girder/Beam	Total Qty 21	CS1 Qty 20	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 F	- eet
Steel Prot	ective Coating	72	56	15	1	0 8	Square Feet
t Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
Corrosion	WEB, WITH A KNIFE EDGE REM	MAINING IN THE BOT	ГТОМ	3	1	1	Feet
Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING.			3	1	1	Square Feet
Peeling/Bubbling/Cra cking (steel	along length of beam, bubbling	paint in surface coa	t only	2	15	15	Square Feet
	Steel Ope Steel Prot Defect Type Corrosion Effectiveness (Steel Protective Coatings) Peeling/Bubbling/Cra	Defect Type  Corrosion  1' OF RUST SCALE, BOTTOM F WEB, WITH A KNIFE EDGE REN FLANGE, AT BENT 1. A "PAR" THIS CONDITION.  Effectiveness (Steel Protective Coatings)  Peeling/Bubbling/Cra along length of beam, bubbling	Defect Type  Defect Type  Defect Description  1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN WEB, WITH A KNIFE EDGE REMAINING IN THE BOT FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED THIS CONDITION.  Effectiveness (Steel Protective Coatings)  Peeling/Bubbling/Cra along length of beam, bubbling paint in surface coatings	Defect Type  Defect Type  Defect Description  1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH A KNIFE EDGE REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.  Effectiveness (Steel Protective Coatings)  Peeling/Bubbling/Cra along length of beam, bubbling paint in surface coat only	Total CS1 CS2 ther Element Name Qty Qty Qty Steel Open Girder/Beam 21 20 0 Steel Protective Coating 72 56 15  Defect Type Defect Description CS  Corrosion 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH A KNIFE EDGE REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.  Effectiveness (Steel 1 SF OF FAILED COATING. 3 Protective Coatings)  Peeling/Bubbling/Cra along length of beam, bubbling paint in surface coat only 2	Total CS1 CS2 CS3 ther Element Name Qty Qty Qty Qty Steel Open Girder/Beam 21 20 0 1 Steel Protective Coating 72 56 15 1  Defect Type Defect Description CS CS Qty  Corrosion 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH A KNIFE EDGE REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.  Effectiveness (Steel Protective Coatings) Peeling/Bubbling/Cra along length of beam, bubbling paint in surface coat only 2 15	Total CS1 CS2 CS3 CS4 dependent Name Qty

Spa	ın 2	Bean	า 8						
Plat	e Girder								
	ment mber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	n Girder/Beam		21	20	0	1	0	Feet
515	Steel Pro	Steel Protective Coating			56	15	1	0	Square Feet
Elemen Numbe	Dofoot Typo	Defe	ct Description			CS	CS Qty	Maint Qty	
107	Corrosion	1' OF RUST SCALE, BOT WEB, WITH 1/16" REMAIN AT BENT 1. BOTTOM FLA HOLES. A "PAR" HAS BE CONDITION.	NING IN THE BOT ANGE HAS (3) 1" I	TOM FLAN	NGE,	3	1	1	Feet
515	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING	G.			3	1	1	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	along length of beam, bul	bbling paint in su	rface coat	only	2	15	15	Square Feet
-	General Comments								

Span	2	Beam 9						
Plate	Girder							
Eleme Numb	per	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	n Girder/Beam	21	20	0	1	0	Feet
515	Steel Prot	ective Coating	72	56	15	1	0	Square Feet
Element Number	Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	
107 (	Corrosion	1' OF RUST SCALE, BOTTOM FLAN WEB, WITH 1/8" REMAINING IN THI BENT 1. A "PAR" HAS BEEN ISSUE CONDITION.	E BÓTTOM FLAN		3	1	1	Feet
	Effectiveness (Steel Protective Coatings)	1 SF OF FAILED COATING.			3	1	1	Square Feet
(	Peeling/Bubbling/Cracking (steel Protective Coatings)	along length of beam, bubbling pai	nt in surface coa	t only	2	15	15	Square Feet
G	eneral Comments							

Spar Plate	n 2 e Girder	Beam 10						
Elem Num	ber	Element Name en Girder/Beam	Total Qty 21	CS1 Qty 14	CS2 Qty 0	CS3 Qty 7	CS4 Qty	Feet
515	·	tective Coating	72	52	15	5	-	Square Feet
 Iement Iumber	Dofoct Typo	Defect Descrip	otion		CS	CS Qty	Maint Qty	
107	Corrosion	2' OF RUST SCALE, BOTTOM FLAMWEB, AT BENT 1.	NGE, UP TO 3" IN	THE	3	2	•	! Feet
107	Corrosion	5' OF RUST SCALE, TOP FLANGE,	NEAR MID-SPAN	l.	3	5	5	Feet
515	Effectiveness (Steel Protective Coatings)	5 SF OF FAILED COATING.			3	5	5	Square Feet
515	Peeling/Bubbling/Cra cking (steel Protective Coatings)	along length of beam, bubbling pai	nt in surface coa	t only	2	15	15	Square Feet

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Spa	n 2	Bean	n 11					
Plat	e Girder							
	ment nber Ste	Element Name el Open Girder/Beam	Total Qty 21	CS1 Qty 16	CS2 Qty 0	CS3 Qty 1	CS4 Qty 4 F	eet
515	Ste	el Protective Coating	72	32	30	10	0 S	quare Feet
515	Ste	el Protective Coating	72	72	0	0	0 S	quare Feet
Elemen Numbe	Dofoot Tun	e Defe	ect Description		CS	CS Qty	Maint Qty	
107	Corrosion	3' OF RUST SCALE IN TO REMAINING. BOTTOM FL 100% SECTION LOSS. W HOLE. THESE AREAS AI BEEN ISSUED FOR THES	.ANGE HAS A 12" x 3" AF /EB HAS A 1 1/2" DIAMET RE OVER BENT 1. A "PA	ER	4	3	3	Feet
107	Corrosion	SPAN 2 BEAM 11 RIGHT OVER END BENT 2. WEE SECTION LOSS. BOTTO OF SECTION LOSS WITH BEEN ISSUED FOR THIS	3 HAS A 5" x 3" AREA OF M FLANGE HAS A 7" x 3" 1/4" REMAINING. A "PA	100% AREA	4	1	1	Feet
107	Corrosion	BEAM 11 LEFT BOTTOM A AREA OF SECTION LO IS: 3" WIDE x 10" LONG. THIS CONDITION.	SS WITH 1/4" REMAINING	G. AREA	3	1	1	Feet
515	Effectiveness (S Protective Coati		NG.		3	10	10	Square Feet
515	Peeling/Bubblin cking (steel Protective Coati	g/Cra along length of beam, bu	bbling paint in surface co	oat only	2	30	30	Square Feet
	General Commen	ts						

Spa	an 2	Wearing Surface						
Asp	ohalt Wearing Sur	face						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearin	g Surface	498	412	36	50	0 S	quare Feet
Elemer Numbe	Dofoct Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	at bent 1 and End Bent 2, transver 1/8in]	rse crack [full wid	th x	3	50	50	Square Feet
510	Crack (Wearing	throughout span, multiple transve	erse cracks [full w	idth x	2	36	36	Square Feet
310	Surface)	up to 0.02in]						

Spa	n 2	Left Bridge						
Cor	ncrete Railing							
	ment mber Reinford	Element Name ced Concrete Bridge Railing	Total Qty 21	CS1 Qty 15	CS2 Qty 2	CS3 Qty 4	CS4 Qty 0 Feet	
Elemer Numbe	Dofoot Typo	Defect Descri	iption		CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	8" X 1/16" TRANSVERSE CRACK, RAIL, NEAR MID SPAN.	TOP FACE OF BO	OTTOM	3	1	1 Fe	et
331	Delamination/Spall	LEFT RAIL NORTHEAST CORNER 8" x 1/2" DEEP SPALL.	OF CURB. HAS	A 10" x	3	1	1 Fe	et

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331	Delamination/Spall	LEFT RAIL POST 1 EAST FACE NEAR BOTTOM. HAS A 10" x 4" x 1/4" DEEP SPALL.	3	1	1 Feet
331	Efflorescence/Rust Staining	4" X 1/16" VERTICAL CRACK, WITH EFFLORESCENCE, EAST FACE OF TOP RAIL, 7' FROM BENT 1.	3	1	1 Feet
331	Cracking (RC and Other)	top face of curb at bent 1, diagonal crack [14in x 0.02in]	2	2	Feet
	General Comments				

Spa	ın 2	Right Bridge R	ail					
Cor	ncrete Railing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinford	ed Concrete Bridge Railing	21	19	2	0	0 F	eet
Elemen Numbe	Dofoct Typo	Defect Description	on		CS	CS Qty	Maint Qty	
331	Delamination/Spall	at base of rail post 1, spall [2in x 2in x exposed rusted reinforcing no section		rith	2	1	1	Feet
331	Delamination/Spall	RIGHT RAIL TOP OF END POST AT NO SPALLED AREAS. AREAS ARE: 2" x 3" x 2" x 1/4" DEEP.		` '	2	1	1	Feet
	General Comments							

Spa	n 2	Span 2 Bea	am 1 Near Beari	ng				
Mov	able Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	1	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Elemen Number	Dofoot Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
311	Connection	RUST SCALE, BEARING ASSEM	BLY.		3	1	1	I Each
515	Effectiveness (Steel Protective Coatings)	RUST SCALE, BEARING ASSEM	BLY.		3	1	1	Square Feet
(	General Comments							

Spa	an 2	Span 2 Bea	ım 1 Far Bearin	9				
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
313	Corrosion	surface corrosion with no section	n loss noted		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corrosi	on		2	1		1 Square Feet
•	General Comments							

Span	12	Span 2 Beam 2	Near Bear	ring				
Mova	able Bearing							
Elem Numl		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	1	0 1	Each
515	Steel Pro	tective Coating	1	0	0	1	0 3	Square Feet
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
311	Corrosion	RUST SCALE, BEARING ASSEMBLY.			3	1	1	Each
	Effectiveness (Steel Protective Coatings)	RUST SCALE, BEARING ASSEMBLY.			3	1	1	Square Feet
G	General Comments							

Span 2 Span 2 Beam 3 Near Bearing								
Mova	able Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Element Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE RUST, BEARING ASSE	MBLY.		2	1		Each
	Effectiveness (Steel Protective Coatings)	SURFACE RUST, BEARING ASSE	MBLY.		3	1		1 Square Feet
<u>-</u>	General Comments							

Span	2	Span 2 Beam 4	Near Bear	ing			
Mova	ble Bearing						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
311	Movable	Bearing	1	0	1	0	0 Each
515	Steel Pro	tective Coating	1	0	0	1	0 Square Feet
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty
311 (	Corrosion	SURFACE RUST, BEARING ASSEMBL	_Y.		2	1	Each
	Effectiveness (Steel Protective Coatings)	SURFACE RUST, BEARING ASSEMBLE	_Y.		3	1	1 Square Feet
G	eneral Comments						

Spa	n 2	Span 2 Be	am 5 Near Beari	ng				
Mov	able Bearing							
Elen Num 311		Element Name Bearing	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	1
515	Steel Pro	tective Coating	1	0	0	1	0 Squa	are Feet
Elemen Number	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE RUST, BEARING ASS	SEMBLY.		2	1	Ea	ach
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST, BEARING ASS	SEMBLY.		3	1	1 Sc	quare Feet

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Spa	n 2	Span 2 Bear	n 6 Near Beari	ng				
Mov	able Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descri	ption		CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE RUST, BEARING ASSE	MBLY.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST, BEARING ASSE	MBLY.		3	1	1	I Square Feet
•	General Comments							

Spa	n 2	Span 2 Beam	7 Near Beari	ng							
Mov	Movable Bearing										
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
311	Movab	ole Bearing	1	0	1	0	0	Each			
515	Steel I	Protective Coating	1	0	0	1	0	Square Feet			
Elemen Numbe	Dofoct Typo	Defect Descrip	otion		CS	CS Qty	Maint Qty				
311	Corrosion	SURFACE RUST, BEARING ASSEM	IBLY.		2	1		Each			
515	Effectiveness (Stee Protective Coatings		IBLY.		3	1		1 Square Feet			
	General Comments	•									

Spar	n 2	Span 2 Bean	n 8 Near Beari	ng				
Mov	able Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0 E	Each
515	Steel Pro	tective Coating	1	0	0	1	0 8	Square Feet
Element Number	Dofoot Typo	Defect Descri	otion		CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE RUST, BEARING ASSEM	ИBLY.		2	1		Each
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST, BEARING ASSEM	MBLY.		3	1	1	Square Feet
(	General Comments						-	

Span 2		Span 2 Beam 9 No	ear Bear	ing				
Movable	e Bearing							
Element Number	Element N	lame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	0	1	0	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: <u>700015</u>			Insp	pection Date: <u>09/22/2020</u>
311	Corrosion	SURFACE RUST, BEARING ASSEMBLY.	2	1	Each
515	Effectiveness (Steel Protective Coatings)	SURFACE RUST, BEARING ASSEMBLY.	3	1	1 Square Feet

**General Comments** 

Span	12	Span 2 Beam 10	Near Bea	aring				
Mova	able Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	0	1	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
311 (	Corrosion	RUST SCALE, BEARING ASSEMBLY.			3	1		1 Each
	Effectiveness (Steel Protective Coatings)	RUST SCALE, BEARING ASSEMBLY.			3	1		1 Square Feet
G	General Comments							

Spar	n 2	Span 2 Bea	m 11 Near Bea	ring				
Mova	able Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable	Bearing	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Element Number	Dofoct Typo	Defect Descr	iption		CS	CS Qty	Maint Qty	
311	Corrosion	SURFACE RUST, BEARING ASSE	MBLY.		2	1	-	Each
	Effectiveness (Steel Protective Coatings)	SURFACE RUST, BEARING ASSE	MBLY.		3	1	1	Square Feet
G	General Comments							

Spar	n 2	Span 2 Be	eam 11 Far Beari	ng			
Fixe	d Bearing						
Elem Num	. •	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed Be	earing	1	0	1	0	0 Each
515	Steel Pr	otective Coating	1	0	1	0	0 Square Feet
lement lumber	Dofoot Typo	Defect Des	scription		CS	CS Qty	Maint Qty
313	Corrosion	surface corrosion with no secti	on loss noted		2	1	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corro	sion		2	1	1 Square Feet

Span	12	Span 2 Be	am 1 Intermedia	te Bear	ing			
Othe	r Bearing							
Elem Numl		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
316	Corrosion	surface corrosion with no section	on loss noted		2	1		Each
	Effectiveness (Steel Protective Coatings)	paint failure with surface corros	ion		2	1		1 Square Feet
G	General Comments							

Spar	า 2	Span 2 Bea	am 2 Intermedia	ite Bear	ing			
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Element Number	Dofoot Tuno	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	surface corrosion with no section	n loss noted		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint fallure with surface corrosi	on		2	1		1 Square Feet
(	General Comments							

Span	1 2	Span 2 Bea	am 3 Intermedia	te Bear	ng		
Othe	r Bearing						
Eleme Numb	÷	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other Be	arings	1	0	1	0	0 Each
515	Steel Pro	tective Coating	1	0	1	0	0 Square Feet
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty
316	Corrosion	surface corrosion with no sectio	n loss noted		2	1	Each
!	Effectiveness (Steel Protective Coatings)	paint failure with surface corrosi	on		2	1	1 Square Feet
G	Seneral Comments						

Spa	n 2	Span 2 Bo	eam 4 Intermedia	ate Bear	ing		
Othe	er Bearing						
Elen Num 316	nber	Element Name Bearings	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
515	Steel P	rotective Coating	1	0	1	0	0 Square Feet
lemen lumbe	Dofoot Typo	Defect De	scription		CS	CS Qty	Maint Qty
316	Corrosion	surface corrosion with no sect	ion loss noted		2	1	Each
515	Effectiveness (Steel Protective Coatings	•	sion		2	1	1 Square Feet

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Spa	ın 2	Span 2 Bea	ım 5 Intermedia	te Beari	ng			
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	surface corrosion with no section	n loss noted		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corrosi	on		2	1	1	I Square Feet
•	General Comments							

Spa	an 2		Span 2 Bea	am 6 Intermedia	te Beari	ing			
Oth	er Bearing								
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	arings	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoot	Туре	Defect Desc	cription		CS	CS Qty	Maint Qty	
316	Corrosion		surface corrosion with no section	n loss noted		2	1		Each
515	515 Effectiveness (Steel paint failure with s Protective Coatings)		paint failure with surface corros	ion		2	1		1 Square Feet
	General Com	ments							

Spa	Span 2 Span 2 Beam 7 Intermediate Bearing								
Oth	er Bearing	l							
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings	1	0	1	0	0	Each
515		Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemer Numbe	Dofoct	Туре	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion		surface corrosion with no section	on loss noted		2	1		Each
515	Effectivene Protective (		paint failure with surface corros	sion		2	1		1 Square Feet
	General Con	nments							

Span 2		Span 2 Beam 8 In	termedia	ate Bear	ing			
Other B	earing							
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings		1	0	1	0	0	Each
515	Steel Protective Coati	ng	1	0	1	0	0	Square Feet
lement Jumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Effectiveness (Steel paint failure with surface corrosion 2 1 1 Square Feet Protective Coatings)

Spa	n 2	Span 2 Bean	n 9 Intermedia	te Bear	ing			
Othe	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	1	0	0	Square Feet
Elemen Number	Dofoct Typo	Defect Descri	ption		CS	CS Qty	Maint Qty	
316	Corrosion	surface corrosion with no section	loss noted		2	1		Each
515	515 Effectiveness (Steel paint failure with s Protective Coatings)		n		2	1		1 Square Feet
-	General Comments							

Spai	n 2	Span 2 Beam 2	10 Intermedi	ate Bea	ring			
Othe	er Bearing							
Elen Num 316		Element Name arings	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0	Each
515	Steel Pro	tective Coating	1	0	0	1	0	Square Feet
Element Number	Dofoct Typo	Defect Descripti	on		CS	CS Qty	Maint Qty	
316	Corrosion	RUST SCALE, BEARING ASSEMBLY	•		3	1	-	1 Each
316	Corrosion	surface corrosion with no section los	ss noted		2			Each
515	Effectiveness (Steel Protective Coatings)	RUST SCALE, BEARING ASSEMBLY	•		3	1		1 Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corrosion			2			Square Feet
(	General Comments							

Spa	n 2	Span 2 Be	am 11 Intermedi	ate Bea	ring			
Othe	er Bearing							
Elen Num 316	nent nber Other Be	Element Name arings	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0	Each
515	Steel Pro	tective Coating	1	0	1	0	0	Square Feet
Elemen Number	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	RUST SCALE, BEARING ASSEM	MBLY.		3	1	-	1 Each
316	Corrosion	surface corrosion with no section	on loss noted		2			Each
515	Effectiveness (Steel Protective Coatings)	RUST SCALE, BEARING ASSEM	IBLY.		3			Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corros	ion		2	1		1 Square Feet
(	General Comments							

End	l Bent 1	Cap 1						
Rei	nforced Concrete	Pier Cap						
	ment mber Reinfor	Element Name ced Concrete Pier Cap	Total Qty 33	CS1 Qty 23	CS2 Qty 2	CS3 Qty 8	CS4 Qty 0	Feet
Elemer Numbe	Dofoot Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	(8) UP TO 16" X 1/16" VERTICAL AT RANDOM THROUGHOUT.	. CRACKS, NORTH	FACE,	3	8	8	3 Feet
234	Cracking (RC and Other)	at bay 9, (2) vertical cracks [1ft >	( 0.02in]		2	2		Feet
	General Comments							

Pile 2						
Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Pile	1	0	1	0	0 Each	
Defect De	scription		CS	CS Qty	Maint Qty	
UP TO 2' X 1/8" X 1/2" CHECKS THROUGHOUT.	S, AT RANDOM		2	1	1 Each	
	Element Name Pile Defect De UP TO 2' X 1/8" X 1/2" CHECKS	Element Name Qty Pile 1  Defect Description  UP TO 2' X 1/8" X 1/2" CHECKS, AT RANDOM	Element Name Qty Qty Pile 1 0  Defect Description  UP TO 2' X 1/8" X 1/2" CHECKS, AT RANDOM	Total   CS1   CS2	Total   CS1   CS2   CS3	Total   CS1   CS2   CS3   CS4

**General Comments** 

End Bent 1		Pile 3					
Timber Pile	÷						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
228	Timber Pile	е	1	0	1	0	0 Each
Element Number De	efect Type	Defect De	scription		CS	CS Qty	Maint Qty
228 Check/S	Shake	along height of pile, checks [1/	16in x 1/8in deep]		2	1	Each

**General Comments** 

End	l Ber	nt 1	Pile 5						
Tim	ber	Pile							
	ment mber	Timber F	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	Each
Elemen Numbe		Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
228	Dec	cay/Section Loss	END BENT 1 PILE 5 NORTH FA		' x 1"	3		•	1 Each
228	Che	eck/Shake	along height of pile, checks [1/	16in x 1/8in deep]		2	1		Each

Bent 1	1	Cap 1						
Reinfo	orced Concrete	Pier Cap						
Eleme Numb	• • •	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinford	ed Concrete Pier Cap	34	33	1	0	0 Feet	
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
234 D	elamination/Spall	2" DIAMETER X 3/4" SPALL, WI' REINFORCING, NORTH FACE O		PILE 3.	2	1	1 Fee	et .
Ge	eneral Comments							

Ber	nt 1	Pile 1						
Tim	ber Pile							
	ment mber Tim	Element Name ber Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
Elemer Numbe	Dofoot Type	Defect Des	cription		CS	CS Qty	Maint Qty	
228	Check/Shake	along height of pile, checks [1/1	6in x 1/8in deep]		2	1	Each	
228	Check/Shake	U/W 9/23/19 CHECKS TO 1/16"			2		Each	
	General Comment	s						

Ben	t 1	Pile 2						
Tim	ber Pile							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber	Pile	1	0	1	0	0 Each	1
Elemen Numbe	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
228	Check/Shake	along height of pile, checks [1/16	Sin x 1/4in deep]		2	1	Ea	ach
228	Check/Shake	U/W 9/23/19 CHECKS TO 1/16"			2		Ea	ach
•	General Comments							

Ber	nt 1			Pile 3							
Tim	nber Pile										
	ement mber	Timber Pile	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0		
Elemei Numbe	Dofoot	Туре		Defect Description	1		CS	CS Qty	Maint Qty		
228	Check/Shak	e ald	ong height of pil	e, checks [1/8in x 1/4	in deep]		2	1		Each	
228	Check/Shake	e U/	W 9/23/19 CHEC	KS TO 1/16"			2			Each	
	General Com	ments									_

nt 1	Pile 4						
ber Pile							
ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Timber P	ile	1	0	1	0	0 Each	
nt Pr Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
Check/Shake	U/W 9/23/19 CHECKS TO 1/16"			2		Eac	ch
Decay/Section Loss	Northwest quadrant at top of co	ollar, decav [7in x 4ir	x 3/4in1	2	1	Eac	ch
ו	ber Pile  nent hber  Timber P  t Defect Type Check/Shake	ber Pile  nent hber Element Name Timber Pile  t Defect Type Defect Dec Check/Shake U/W 9/23/19 CHECKS TO 1/16"	ber Pile  nent Element Name Qty Timber Pile 1  t Defect Type Defect Description Check/Shake U/W 9/23/19 CHECKS TO 1/16"	ber Pile  nent Element Name Qty Qty Timber Pile 1 0  t Defect Type Defect Description Check/Shake U/W 9/23/19 CHECKS TO 1/16"	ber Pile           nent her Liber Pile         Total Qty Qty Qty Qty Qty Qty         CS1 CS2 Qty	ber Pile           nent her hiber         Element Name         Total Qty Qty Qty Qty Qty Qty Qty Qty Check/Shake         CS1 CS2 CS3 Qty	ber Pile           nent her hiber         Element Name         Total Qty

General Comments

West face of concrete collar, vertical crack [2ft x 1/16in]

Ben	t 1	Pile 5						
Tim	ber Pile							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber F	Pile	1	0	0	1	0 Each	
Elemen Numbe	Dofoot Typo	Defect Descr	ription		CS	CS Qty	Maint Qty	
228	Decay/Section Loss	at Southeast quadrant from cap dup to 9in deep] crutch bent install			3	1	1 Each	
228	Check/Shake	U/W 9/23/19 CHECKS TO 1/16"			2		Each	
228	Check/Shake	UP TO 12" X 1/8" X 1/2" CHECKS, THROUGHOUT.	AT RANDOM		2		Each	_

**General Comments** 

Abutment	Abutment					
t						
Element Name mber Abutment	Total Qty 29	CS1 Qty 17	CS2 Qty 12	CS3 Qty 0	CS4 Qty 0 Feet	
Element Number Defect Type Defect Descrip			CS	CS Qty	Maint Qty	
	U/W 9/23/19 3" VERTICAL EXPOSURE BELOW BOTTOM BOARD X 4" PROBE INTO FILL MATERIAL( GRAVEL) FROM P-3 TO P-5.			12	Feet	
	Element Name mber Abutment  Defect Description  U/W 9/23/19 3" VERTICAL EXPOSE BOARD X 4" PROBE INTO FILL M	Total Element Name Qty mber Abutment 29  Defect Description  U/W 9/23/19 3" VERTICAL EXPOSURE BELOW BOTT BOARD X 4" PROBE INTO FILL MATERIAL (GRAVEL	Element Name Qty Qty mber Abutment 29 17  Defect Description  U/W 9/23/19 3" VERTICAL EXPOSURE BELOW BOTTOM BOARD X 4" PROBE INTO FILL MATERIAL( GRAVEL) FROM	Total	Total   CS1   CS2   CS3   CS3   CS3   CS4   CS4   CS4   CS5   CS4   CS5   CS4   CS5   CS4   CS5   CS	Total

General Comments

Northwest retaining pile from top down 5ft, decay/section loss [5ft x 8in x up to 10in deep]

End	Bent 2	Cap 1						
Reir	nforced Concrete	Pier Cap						
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinfor	ced Concrete Pier Cap	33	18	6	9	0 Feet	
lemen Jumbe	Dofoot Typo	Defect Description		CS	CS Qty	Maint Qty		
234	Cracking (RC and Other)	(9) UP TO 18" X 1/16" VERTICAL CRACKS, SOUTH FACE, AT RANDOM THROUGHOUT.			3	9	9 Feet	
234	Cracking (RC and Other)	along length of cap, multiple vertical cracks [1ft x 0.02in]			2	6	Feet	
-	General Comments							

Timbe	er Pile						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
228	Timber	Pile	1	0	1	0	0 Each
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty
228 C	Check/Shake	at exposed pile below concrete of 1/16in deep]	collar, checks [1/16i	n x	2	1	Each
228 C	Check/Shake	U/W 9/23/19 CHECKS TO 1/16", S EXPOSED SECTION	SURFACE SOT TO 1	/8'' AT	2		Each

CONCRETE COLLAR IN PLACE

End Bent 2	Pile 2					
Timber Pile						
Element Number 228 Timbe	Element Name r Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each
Element Number Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty
228 Check/Shake	at exposed pile below concrete deep]	collar, checks [3/8in	x 3/4in	2	1	Each
228 Check/Shake	U/W 9/23/19 CHECKS TO 1/16", S EXPOSED SECTION	SURFACE SOT TO 1/	/8'' AT	2		Each

General Comments

CONCRETE COLLAR IN PLACE

End	Bent 2	Pile 3						
Timb	er Pile							
Elem Num 228		Element Name Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
Element Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
228	Check/Shake	at exposed pile below concrete con 1/16in deep]	ollar, checks [1/16i	n x	2	1	Each	
228	Check/Shake	U/W 9/23/19 CHECKS TO 1/16", SI EXPOSED SECTION	JRFACE SOT TO 1	/8'' AT	2		Each	
<u>-</u>	Seneral Comments							_

**General Comments** 

CONCRETE COLLAR IN PLACE

End	Bent 2	Pile 4						
Tim	ber Pile							
	ment nber Timbei	Element Name r Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
Elemen Numbe	Dofoot Typo	Defect Des	scription		CS	CS Qty	Maint Qty	
228	Check/Shake	U/W 9/23/19 CHECKS TO 1/16", EXPOSED SECTION	SURFACE SOT TO 1	/8'' AT	2	1	Each	_

**General Comments** 

pile not exposed due to concrete encasement

Bent 2	Pile 5						
ber Pile							
nent nber Timber F	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	Each
t Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
Check/Shake	at exposed pile below concrete of deep]	collar, checks [3/8in	x 3/4in	2	1		Each
Check/Shake	•	SURFACE SOT TO 1.	/8'' AT	2			Each
1	per Pile nent iber Timber F Defect Type Check/Shake	Defect Type  Check/Shake  Defect Name  Timber Pile  Defect Desc  At exposed pile below concrete of deep]  Check/Shake  U/W 9/23/19 CHECKS TO 1/16", S	Der Pile  nent Element Name Qty Timber Pile 1  Defect Type Defect Description  Check/Shake at exposed pile below concrete collar, checks [3/8in deep]  Check/Shake U/W 9/23/19 CHECKS TO 1/16", SURFACE SOT TO 1	Der Pile  Total CS1 Aber Element Name Qty Qty Timber Pile 1 0  Defect Type Defect Description  Check/Shake at exposed pile below concrete collar, checks [3/8in x 3/4in deep]	Der Pile           nent ober         Element Name         Total Otylication         CS1 Otylication         CS2 Otylication           Defect Type         Defect Description         CS           Check/Shake         at exposed pile below concrete collar, checks [3/8in x 3/4in deep]         2 deep]           Check/Shake         U/W 9/23/19 CHECKS TO 1/16", SURFACE SOT TO 1/8" AT         2	Defect Type   Defect Description   CS   CS   CS   Cty	Defect Type   Defect Description   CS   CS   CS   CS   CS   CS   CS   C

**General Comments** 

SHARES A CONCRETE COLLAR WITH P-6

End	Bent 2	Pile 6						
Tim	ber Pile							
	ment nber Timl	Element Name ber Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Each	
Elemen Numbe	Dofoot Tuno	Defect Des	scription		CS	CS Qty	Maint Qty	
228	Check/Shake	U/W 9/23/19 CHECKS TO 1/16", EXPOSED SECTION	SURFACE SOT TO 1/	8" AT	2	1	Each	

General Comments

SHARES A CONCRETE COLLAR WITH P-5

_								
Crut	ch Bent 1 Span 1	Cap 1						
Stee	el Pier Cap							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
231	Steel Pie	r Cap	34	11	22	1	0 F	eet
515	Steel Pro	tective Coating	194	134	45	15	0 S	Square Feet
Element Number	Dofoot Typo	Defect Descrip	otion		CS	CS Qty	Maint Qty	
231	Corrosion	BEARING STIFFNER UNDER BEAM OF SECTION LOSS DOWN TO A KN WITH A 1/2" DIAMETER HOLE. A "I FOR THIS CONDITION.	NIFE EDGE REMA	AINING.	3	1	1	Feet
231	Corrosion	7" X 2" AREA OF RUST SCALE, WI SOUTH BEARING STIFFENER, 4' W AREA HAS BEEN REPAIRED			2	1		Feet
231	Corrosion	7" X 3" AREA OF RUST SCALE, WI NORTH BEARING STIFFENER, ABO AREA HAS BEEN REPAIRED			2	1		Feet
231	Corrosion	along length of cap, random areas with no section loss	of surface corros	sion	2	20		Feet
515	Effectiveness (Steel Protective Coatings)	15 SF OF FAILED COATING.			3	15	15	Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corrosion			2	45	45	Square Feet
(	General Comments							

Crut	ch Bent 1 Span 1	Pile 1						
Stee	l Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pil	е	1	0	1	0	0	Each
515	Steel Pr	otective Coating	0	0	0	0	0	Square Feet
Element Number	Dofoct Typo	Defect Des	scription		CS	CS Qty	Maint Qty	
225	Corrosion	U/W 9/23/19 SURFACE RUST IN COATING	AREAS OF FAILED		2	1		Each
515	Effectiveness (Steel Protective Coatings)	U/W 9/23/19 COATING FAILED I	IN AREAS OF CORRC	SION	4			Square Feet
(	General Comments							

Crute	ch Bent 1 Span 1		Pile 2						
Steel	l Pile								
Elem Num		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	<del>)</del>		1	0	1	0	0	Each
515	Steel Pro	tective Coating		0	0	0	0	0	Square Feet
Element Number	Dofoct Typo		Defect Description			CS	CS Qty	Maint Qty	
225	Corrosion	U/W 9/23/19 SURFA COATING	ACE RUST IN AREAS O	OF FAILED		2	1		Each
	Effectiveness (Steel Protective Coatings)	U/W 9/23/19 COATI	NG FAILED IN AREAS	OF CORRO	OSION	4			Square Feet
G	General Comments								

Crut	ch Bent 1 Span 1	Pile 3						
Stee	l Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pil	e	1	0	1	0	0	Each
515	Steel Pr	otective Coating	0	0	0	0	0	Square Feet
Element Number	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
225	Corrosion	U/W 9/23/19 SURFACE RUST IN COATING	AREAS OF FAILED		2	1		Each
515	Effectiveness (Steel Protective Coatings)	U/W 9/23/19 COATING FAILED IN	AREAS OF CORRO	SION	4			Square Feet
(	General Comments							

Steel Pile							
Element Number	Element N	lame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
225	Steel Pile		1	0	0	1	0 Each
515	Steel Protective Coating		0	0	0	0	0 Square Feet
ment mber D	Pefect Type	Defect Description	n		CS	CS Qty	Maint Qty
25 Corros	ion U/W 9/23/19	PITTING TO 1/16" ON FLAN	NGE EDGE		3	1	1 Each

225 Corrosion U/W 9/23/19 SURFACE RUST IN AREAS OF FAILED 2 Each
COATING

515 Effectiveness (Steel Protective Coatings) U/W 9/23/19 COATING FAILED IN AREAS OF CORROSION 4 Square Feet

General Comments

Crute	ch Bent 1 Span 2	Cap 1						
Stee	l Pier Cap							
Elem Num 231		Element Name r Cap	Total Qty 34	CS1 Qty 10	CS2 Qty 21	CS3 Qty 2	CS4 Qty 1 F	eet
515	Steel Pro	tective Coating	194	139	40	15	0 S	quare Feet
Element Number	Dofoot Tuno	Defect Descri	ption		CS	CS Qty	Maint Qty	
231	Corrosion	7" X 12" AREA OF RUST SCALE, V SOUTH BEARING STIFFENER, BA (PRIORITY MAINTENANCE) / AR	Y 3, 2' FROM PILE		4	1	1	Feet
231	Damage	1" DIAMETER HOLE, BOTTOM FLA	ANGE, 1' WEST O	F PILE	3	1	1	Feet
231	Damage	1" DIAMETER HOLE, BOTTOM FLA	ANGE, EAST END	OF	3	1	1	Feet
231	Corrosion	7" X 3" AREA OF RUST SCALE, W SOUTH BEARING STIFFENER, AB HAS BEEN REPAIRED			2	1		Feet
231	Corrosion	along length of cap, random areas with no section loss	of surface corros	sion	2	20		Feet
	Effectiveness (Steel Protective Coatings)	15 SF OF FAILED COATING.			3	15	15	Square Feet
	Effectiveness (Steel Protective Coatings)	paint failure with surface corrosion	n		2	40	40	Square Feet
G	General Comments							

Cru	itch Bent 1 Span	Pile 1						
Ste	el Pile							
	ment mber Steel F	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 E	Each
515	Steel F	Protective Coating	0	0	0	0	0 8	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
225	Corrosion	UNDERWATER 9/23/19 PITTING T FLANGE NEAR C/L IN A 1" DIAME AREAS OF FLANGE EDGE.			3	1	1	Each
225	Corrosion	U/W/ 9/23/19 SURFACE RUST IN A COATING	AREAS OF FAILED		2			Each
515	Effectiveness (Steel Protective Coatings)	U/W 9/23/19 COATING FAILED IN	AREAS OF CORRO	SION	4			Square Feet
	General Comments							

Crutch Bent 1 Span 2		Pile 2						
Steel Pi	le							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	9	1	0	1	0	0	Each
515	Steel Pro	etective Coating	0	0	0	0	0	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
225 Cor	rosion	U/W/ 9/23/19 SURFACE RUST IN COATING	AREAS OF FAILED		2	1		Each
	ectiveness (Steel tective Coatings)	U/W 9/23/19 COATING FAILED II	N AREAS OF CORRO	SION	4			Square Feet
Gene	eral Comments							

Cru	tch Bent 1 Span 2	Pile 3						
Stee	el Pile							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pil	Э	1	0	0	1	0	Each
515	Steel Pro	otective Coating	125	122	1	0	2	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descript	ion		CS	CS Qty	Maint Qty	
225	Corrosion	U/W 9/23/19 PITTING TO 1/16" ON FL	ANGE EDGE		3	1		1 Each
225	Corrosion	at flange edges near water line, surface section loss	e corrosion with r	no	2			Each
225	Corrosion	U/W 9/23/19 CORROSION IN AREAS	OF FAILED COA	ATING	2			Each
515	Effectiveness (Steel Protective Coatings)	U/W 9/23/19 COATING FAILED IN AR	EAS OF CORRO	OSION	4	2		2 Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with surface corrosion			2	1		1 Square Feet
	General Comments							

Cru	tch Bent 1 Span 2	Pile 4						
Ste	el Pile							
	ment mber Steel Pile	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0	
515	Steel Pro	otective Coating	0	0	0	0	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Descrip	otion		CS	CS Qty	Maint Qty	
225	Corrosion	J/W/ 9/23/19 SURFACE RUST IN AREAS OF FAILED COATING		2	1		Each	
515	Effectiveness (Steel Protective Coatings)	U/W 9/23/19 COATING FAILED IN A	REAS OF CORRC	SION	4			Square Feet

**General Comments** 

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	523
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 9	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 10	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 11	Plate Girder	Steel Open Girder/Beam	21
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	21
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	21
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	496
Span 1	Span 1 Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Span 1 Beam 1 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Span 1 Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 1	Span 1 Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Span 1 Beam 2 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Span 1 Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 1	Span 1 Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Span 1 Beam 3 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Span 1 Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1
Span 1	Span 1 Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Span 1 Beam 4 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Span 1 Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 1	Span 1 Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Span 1 Beam 5 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Span 1 Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 1	Span 1 Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Span 1 Beam 6 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Span 1 Beam 6 Near Bearing	Movable Bearing	Movable Bearing	1
Span 1	Span 1 Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Span 1 Beam 7 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Span 1 Beam 7 Near Bearing	Movable Bearing	Movable Bearing	1

Location	Name	Component	Element Name	Amount
Span 1	Span 1 Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Span 1 Beam 8 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Span 1 Beam 8 Near Bearing	Movable Bearing	Movable Bearing	1
Span 1	Span 1 Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Span 1 Beam 9 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Span 1 Beam 9 Near Bearing	Movable Bearing	Movable Bearing	1
Span 1	Span 1 Beam 10 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Span 1 Beam 10 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Span 1 Beam 10 Near Bearing	Movable Bearing	Movable Bearing	1
Span 1	Span 1 Beam 11 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Span 1 Beam 11 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Span 1 Beam 11 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	526
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	21
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	21
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	21
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	21
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	21
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	21
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	21
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	21
Span 2	Beam 9	Plate Girder	Steel Open Girder/Beam	21
Span 2	Beam 10	Plate Girder	Steel Open Girder/Beam	21
Span 2	Beam 11	Plate Girder	Steel Open Girder/Beam	21
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	21
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	21
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	498
Span 2	Span 2 Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Span 2 Beam 1 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 2	Span 2 Beam 1 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Span 2 Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Span 2 Beam 2 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 2	Span 2 Beam 2 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Span 2 Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Span 2 Beam 3 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 2	Span 2 Beam 3 Near Bearing	Movable Bearing	Movable Bearing	1

Location	Name	Component	Element Name	Amount
Span 2	Span 2 Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Span 2 Beam 4 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 2	Span 2 Beam 4 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Span 2 Beam 5 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Span 2 Beam 5 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 2	Span 2 Beam 5 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Span 2 Beam 6 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Span 2 Beam 6 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 2	Span 2 Beam 6 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Span 2 Beam 7 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Span 2 Beam 7 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 2	Span 2 Beam 7 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Span 2 Beam 8 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Span 2 Beam 8 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 2	Span 2 Beam 8 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Span 2 Beam 9 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Span 2 Beam 9 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 2	Span 2 Beam 9 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Span 2 Beam 10 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Span 2 Beam 10 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 2	Span 2 Beam 10 Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Span 2 Beam 11 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Span 2 Beam 11 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 2	Span 2 Beam 11 Near Bearing	Movable Bearing	Movable Bearing	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	34
Bent 1	Pile 1	Timber Pile	Timber Pile	1
Bent 1	Pile 2	Timber Pile	Timber Pile	1
Bent 1	Pile 3	Timber Pile	Timber Pile	1
Bent 1	Pile 4	Timber Pile	Timber Pile	1
Bent 1	Pile 5	Timber Pile	Timber Pile	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
End Bent 1	Pile 1	Timber Pile	Timber Pile	1
End Bent 1	Pile 2	Timber Pile	Timber Pile	1
End Bent 1	Pile 3	Timber Pile	Timber Pile	1
End Bent 1	Pile 4	Timber Pile	Timber Pile	1

Location	Name	Component	Element Name	Amount
End Bent 1	Pile 5	Timber Pile	Timber Pile	1
End Bent 1	Pile 6	Timber Pile	Timber Pile	1
End Bent 1	Abutment	Timber Abutment	Timber Abutment	29
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
End Bent 2	Pile 1	Timber Pile	Timber Pile	1
End Bent 2	Pile 2	Timber Pile	Timber Pile	1
End Bent 2	Pile 3	Timber Pile	Timber Pile	1
End Bent 2	Pile 4	Timber Pile	Timber Pile	1
End Bent 2	Pile 5	Timber Pile	Timber Pile	1
End Bent 2	Pile 6	Timber Pile	Timber Pile	1
End Bent 2	Abutment	Timber Abutment	Timber Abutment	29
Crutch Bent 1 Span 1	Cap 1	Steel Pier Cap	Steel Pier Cap	34
Crutch Bent 1 Span	Pile 1	Steel Pile	Steel Pile	1
Crutch Bent 1 Span	Pile 2	Steel Pile	Steel Pile	1
Crutch Bent 1 Span	Pile 3	Steel Pile	Steel Pile	1
Crutch Bent 1 Span 1	Pile 4	Steel Pile	Steel Pile	1
Crutch Bent 1 Span 2	Cap 1	Steel Pier Cap	Steel Pier Cap	34
Crutch Bent 1 Span 2	Pile 1	Steel Pile	Steel Pile	1
Crutch Bent 1 Span 2	Pile 2	Steel Pile	Steel Pile	1
Crutch Bent 1 Span 2	Pile 3	Steel Pile	Steel Pile	1
Crutch Bent 1 Span 2	Pile 4	Steel Pile	Steel Pile	1

## **General Inspection Notes**

Bent 1 Abutment
base of retaining pile at Southwest corner, decay/section loss [12in x 12in x 2in deep]

Bent 1 Pile 1
pile not exposed due to concrete encasement

Bent 1 Pile 4
pile not exposed due to concrete encasement

# National Bridge and NC Inspection Items

Structure Number: 700015 Inspection Date: 09/22/2020

## National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	6
Item 59: Superstructure	0 - 9 , N	5
Item 60: Substructure	0 - 9 , N	5
Item 61: Channel and Channel Protection	0 - 9 , N	6
Item 62: Culvert	0 - 9 , N	N
Item 71: Waterway Adequacy	0 - 9 , N	5
Item 72: Approach Roadway Alignment	0 - 9 , N	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			
Slope Protection	G, F, P, or C			
Scour	G, F, P, or C	F		
Wingwall	G, F, P, or C	G	0	3350
Field Scour Evaluation		Р		
Drift	G, F, P, or C	G	0	3366
Fender System	G, F, P, or C			
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Superstructure Paint Code				

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	8
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	Υ
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	Y
Other Equipment Used	YES/NO	Y
Portion of Structure in > 3' of water	YES/NO	

# National Bridge and NC SMU Inspection Item Details

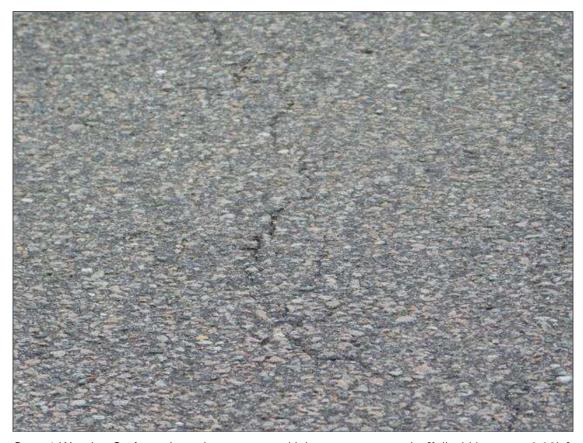
Structure Number: 700015 Inspection Date: 09/22/2020

Item	Priority Maintenance Issued	Grade Y	Maint Code	Qty.	0
Details	PAR'S ISSUED ON SOME BEAMS AND SPAN 1 CRUT	CH BENT CAP			
Item	Other Equipment Used	Grade Y	Maint Code	Qty.	0
Details	WADERS				
Item	Scour	Grade F	Maint Code	Qty.	0

Details BOTH BANKS HAVE SOME EROSION UP TO 5' HIGH



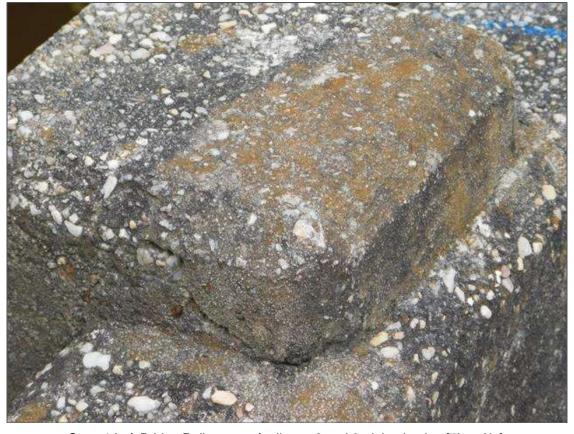
Span 1 Wearing Surface: at End Bent 1, transverse crack [full width x 1/8in]



Span 1 Wearing Surface: throughout span, multiple transverse cracks [full width x up to 0.02in]



Span 1 Left Bridge Rail: 4" X UP TO 4" X 1/2" SPALL, SOUTHEAST CORNER OF BOTTOM RAIL, AT END BENT 1.



Span 1 Left Bridge Rail: at top of rail post 2 and 3, delamination [7in x 3in]



Span 1 Left Bridge Rail: at base of rail post 2, spall [8in x 2in x 3/4in deep] with exposed rusted reinforcing no section loss noted



Span 1 Left Bridge Rail: NORTH FACE OF POST 1 HAS A 1/16" WIDE x 8" HIGH VERTICAL CRACK.



Span 1 Right Bridge Rail: top of curb at End Bent 1, spall [8in x 6in x 3/4in]



Span 1 Right Bridge Rail: top face of curb at End Bent 1, diagonal crack [8in x 0.02in]



Span 2 Wearing Surface: at bent 1 and End Bent 2, transverse crack [full width x 1/8in]



Span 2 Left Bridge Rail: top face of curb at bent 1, diagonal crack [14in x 0.02in]



Span 2 Left Bridge Rail: LEFT RAIL POST 1 EAST FACE NEAR BOTTOM. HAS A 10" x 4" x 1/4" DEEP SPALL.



Span 2 Left Bridge Rail: LEFT RAIL NORTHEAST CORNER OF CURB. HAS A 10" x 8" x 1/2" DEEP SPALL.



Span 2 Right Bridge Rail: at base of rail post 1, spall [2in x 2in x 1/2in deep] with exposed rusted reinforcing no section loss noted



Span 2 Right Bridge Rail: RIGHT RAIL TOP OF END POST AT NORTH END. HAS (2) SPALLED AREAS. AREAS ARE: 2" x 1" x 1/4" DEEP AND 3" x 2" x 1/4" DEEP.



End Bent 1 Cap 1: at bay 9, (2) vertical cracks [1ft x 0.02in]



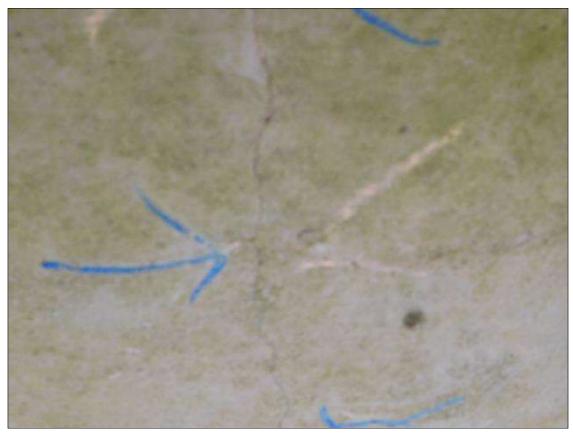
End Bent 1 Cap 1: (8) UP TO 16" X 1/16" VERTICAL CRACKS, NORTH FACE, AT RANDOM THROUGHOUT.



End Bent 1 Pile 2: UP TO 2' X 1/8" X 1/2" CHECKS, AT RANDOM THROUGHOUT.



End Bent 1 Pile 5: END BENT 1 PILE 5 NORTH FACE. HAS A 12" x 10" x 1" DEEP AREA OF HEAVY DECAY AT GROUND LINE.



Span 1 Deck: along underside of deck, multiple transverse cracks [up to 8ft x 0.02in]



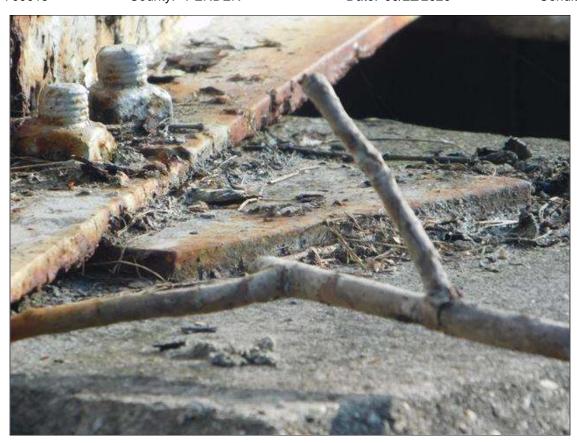
Span 1 Deck: 2.5' X 2' PATCHED AREA, DECK UNDERSIDE, BAY 4, AT BENT 1.



Span 1 Beam 11: at near and far ends, surface corrosion [up to full height x full width]



Span 1 Beam 11: 6" OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, AT END BENT 1.



Span 1 Beam 11 - Span 1 Beam 11 Far Bearing: SURFACE RUST, BEARING ASSEMBLY.



Span 1 Beam 11 - Span 1 Beam 11 Near Bearing: surface corrosion in bearing plate with a 1/16" section loss anchor bolt nut on left and right side.



Span 1 Beam 10: BEAM 10 TOP FLANGE. HAS SCATTERED AREAS OF RUST AND FLAKING WITH NO MEASURABLE SECTION LOSS.



Span 1 Beam 6: West bottom flange near Mid-Span, distortion [6in x 1/4in]



Span 1 Beam 1: 1' OF RUST SCALE, BOTTOM FLANGE, WITH 3/8" REMAINING IN THE BOTTOM FLANGE, WITH 3' X 7" WEB PLATE AND 2' X 3" REPAIR ANGLE ON WEST FACE, AT END BENT 1.



Span 1 Beam 1: at near and far ends, surface corrosion [up to full height x full width]



Span 1 Beam 1: 2' OF FRECKLED RUST, TOP AND BOTTOM FLANGE AND WEB, WEST FACE, AT END BENT 1.



Span 1 Beam 1 - Span 1 Beam 1 Far Bearing: at West side anchor bolt nut is missing



Span 1 Beam 1 - Span 1 Beam 1 Near Bearing: surface corrosion with section loss [1/16in]



Span 1 Crutch Bent 1 Cap 1: along length of cap, random areas of surface corrosion with no section loss



Span 1 Crutch Bent 1 Cap 1: 7" X 2" AREA OF RUST SCALE, WITH 1" X 1" HOLE, SOUTH BEARING STIFFENER, 4' WEST OF PILE 2. / THIS AREA HAS BEEN REPAIRED



Span 1 Crutch Bent 1 Cap 1: 7" X 3" AREA OF RUST SCALE, WITH 2" DIAMETER HOLE, NORTH BEARING STIFFENER, ABOVE PILE 1. / THIS AREA HAS BEEN REPAIRED



Span 1 Crutch Bent 1 Cap 1: BEARING STIFFNER UNDER BEAM 5. HAS A 7" x 2" AREA OF SECTION LOSS DOWN TO A KNIFE EDGE REMAINING. WITH A 1/2" DIAMETER HOLE. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.



Span 1 Deck: 1' X 2" X 1" SPALL, DECK UNDERSIDE, LEFT OVERHANG, AT BENT 1.



Span 1 Deck: 21' X 2" X 1" SPALL, DECK UNDERSIDE, RIGHT OVERHANG, AT BENT 1.



Span 1 Beam 2: 6" OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH 1/16" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.



Span 1 Beam 3: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 3" IN THE WEB, WITH 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.



Span 1 Beam 4: 6" OF RUST SCALE, BOTTOM FLANGE, UP TO 3" IN THE WEB DOWN TO A KNIFE EDGE REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.



Span 1 Beam 5: 18" OF RUST SCALE, BOTTOM FLANGE, UP TO 4" IN THE WEB, WITH 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.



Span 1 Beam 6: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 5" IN THE WEB, WITH 1/8" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.



Span 1 Beam 7: 18" OF RUST SCALE, BOTTOM FLANGE, UP TO 5" IN THE WEB, 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.



Span 1 Beam 8: 18" OF RUST SCALE, BOTTOM FLANGE, UP TO 5" IN THE WEB, 1/4" REMAINING IN THE BOTTOM FLANGE. WITH A 2" DIAMETER AREA WITH 100% SECTION LOSS AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.



Span 1 Beam 11: 3' OF RUST SCALE, TOP AND BOTTOM FLANGE, UP TO 6" IN THE WEB, WITH 6" X UP TO 3" HOLE IN THE BOTTOM FLANGE, WITH 3/8" REMAINING IN THE WEB, WITH 5/16" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.



Bent 1 Cap 1: 2" DIAMETER X 3/4" SPALL, WITH EXPOSED REINFORCING, NORTH FACE OF CAP, 3' EAST OF PILE 3.



Bent 1 Pile 4: Northwest quadrant at top of collar, decay [7in x 4in x 3/4in]



Bent 1 Pile 5: at Southeast quadrant from cap down 3ft, decay [3ft x 7in x up to 9in deep] crutch bent installed at both sides of bent 1



Span 2 Crutch Bent 2 Cap 1: 7" X 3" AREA OF RUST SCALE, WITH 3" X 2" HOLE, SOUTH BEARING STIFFENER, ABOVE PILE 4. / THIS AREA HAS BEEN REPAIRED



Span 2 Crutch Bent 2 Cap 1: 1" DIAMETER HOLE, BOTTOM FLANGE, EAST END OF CAP.



Span 2 Crutch Bent 2 Cap 1: 1" DIAMETER HOLE, BOTTOM FLANGE, 1' WEST OF PILE 2.



Span 2 Deck: 1" DIAMETER X 1/2" SPALL, WITH EXPOSED REINFORCING, DECK UNDERSIDE, BAY 7, ADJACENT TO BEAM 8, NEAR MID-SPAN.



Span 2 Deck: 4" DIAMETER X 1" SPALL, WITH EXPOSED REINFORCING, DECK UNDERSIDE, BAY 1, 3' FROM END BENT 2.



Span 2 Deck: 10' X UP TO 2" X 1" SPALL, DECK UNDERSIDE, RIGHT OVERHANG, BEGINNING AT BENT 1.



Span 2 Deck: 3" DIAMETER X 1" SPALL, WITH EXPOSED REINFORCING, DECK UNDERSIDE, BAY 1, 2' FROM BENT 1.



Span 2 Deck: 3' X 2" X 1" SPALL, DECK UNDERSIDE, LEFT OVERHANG, AT BENT 1.



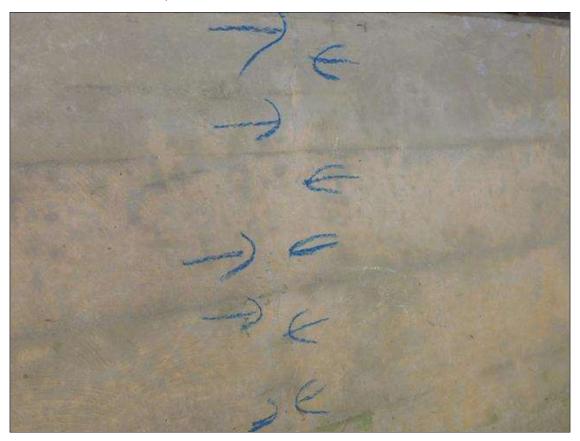
Span 2 Deck: 2' X 1/16" CRACK, WITH EFFLORESCENCE, DECK UNDERSIDE, BAY 2, AT END BENT 2.



Span 2 Deck: 18" x 3" x 1" DEEP SPALL IN LEFT OVERHANG. LOCATED 4' FROM END BENT 2.



End Bent 2 Cap 1: along length of cap, multiple vertical cracks [1ft x 0.02in]



End Bent 2 Cap 1: (9) UP TO 18" X 1/16" VERTICAL CRACKS, SOUTH FACE, AT RANDOM THROUGHOUT.



End Bent 2 Pile 5: at exposed pile below concrete collar, checks [3/8in x 3/4in deep]



Span 2 Beam 1: SPAN 2 BEAM 1 OVER END BENT 1. WEB AND FLANGES HAVE AREAS OF SECTION LOSS WITH 1/8" REMAINING IN BOTTOM FLANGE AND 3/16" REMAINING IN WEB. AREA IS: FROM END OF BEAM OUT 18" x FULL WIDTH OF FLANGE AND FROM END OF BEAM OUT 12" x FULL HEIGHT OF WEB. A "PAR" HAS BEEN ISSUED FOR THESE CONDITIONS.



Span 2 Beam 1: RIGHT WEB AND BOTTOM FLANGE OVER BENT 1. HAS A 10" x 3" AREA OF 100% SECTION LOSS. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.



Span 2 Beam 1: at near and far ends, surface corrosion [2ft x up to full height x full width]



Span 2 Beam 1: West side at near end, anchor bolt nut is missing



Span 2 Beam 1 - Span 2 Beam 1 Far Bearing: surface corrosion with no section loss noted



Span 2 Beam 3 - Protective System: along length of beam, bubbling paint in surface coat only



Span 2 Beam 5: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.



Span 2 Beam 6: 3' OF RUST SCALE, TOP AND BOTTOM FLANGE, UP TO 3" IN THE WEB, WITH 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. BOTTOM FLANGE HAS A 1" DIAMETER HOLE. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.



Span 2 Beam 7: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH A KNIFE EDGE REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.



Span 2 Beam 8: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH 1/16" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. BOTTOM FLANGE HAS (3) 1" DIAMETER HOLES. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.



Span 2 Beam 9: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH 1/8" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.



Span 2 Beam 10: 5' OF RUST SCALE, TOP FLANGE, NEAR MID-SPAN.



Span 2 Beam 11: SPAN 2 BEAM 11 RIGHT WEB AND BOTTOM FLANGE OVER END BENT 2. WEB HAS A 5" x 3" AREA OF 100% SECTION LOSS. BOTTOM FLANGE HAS A 7" x 3" AREA OF SECTION LOSS WITH 1/4" REMAINING. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.



Span 2 Beam 11: 3' OF RUST SCALE IN TOP FLANGE WITH 5/16" REMAINING. BOTTOM FLANGE HAS A 12" x 3" AREA OF 100% SECTION LOSS. WEB HAS A 1 1/2" DIAMETER HOLE. THESE AREAS ARE OVER BENT 1. A "PAR" HAS BEEN ISSUED FOR THESE CONDITIONS.



Span 2 Beam 11: BEAM 11 LEFT BOTTOM FLANGE AT CRUTCH BENT. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 3" WIDE x 10" LONG. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.

# Stream Bed Soundings (Profile diagram on following sheet)

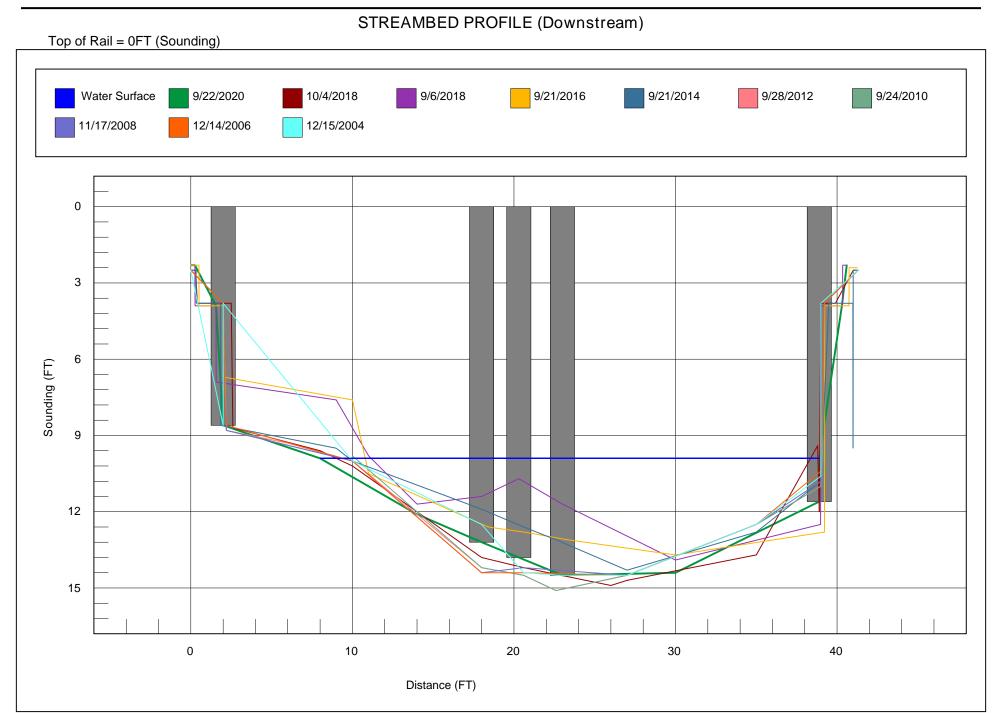
County PENDER Structure Number: 700015 Inspection Date 09/21/2020

Sounding recorded from: Top of Bridge Rail

Highwater Mark Distance 3.9 Location of Highwater Mark DRIFT ON CAP

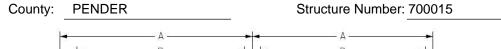
Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	2.300	0.000	FILL FACE
0.250	2.300	0.000	FACE OF BACKWALL
1.560	3.900	0.000	TOP OF CAP
2.000	8.600	6.700	END BENT 1
8.000	9.900	0.000	WSWE
11.000	11.000	0.000	
14.000	12.100	0.000	STREAMBED
18.000	13.200	11.000	SPAN 1 CRUTCH BENT
20.300	13.800	11.500	BENT 1
23.000	14.500	2.100	SPAN 2 CRUTCH BENT
30.000	14.400	0.000	STREAMBED
38.900	9.900	0.000	WSWE
38.900	11.600	12.300	END BENT 2
40.300	3.900	0.000	TOP OF CAP
40.600	2.300	0.000	FILL FACE

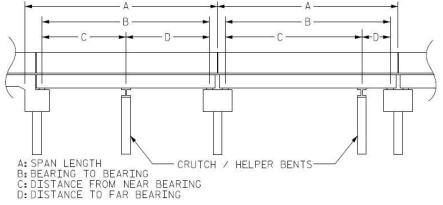
Bridge: 700015 County: PENDER Date: 09/22/2020



#### Structure Data Worksheet

#### Span Profile





Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	20.583	19.360			
	•		1	2.250	16.330
2	20.670	19.340			
			1	2.670	17.040



LOOKING NORTH



FROM BRIDGE LOOKING NORTH



FROM BRIDGE LOOKING SOUTH



FROM BRIDGE LOOKING WEST DOWNSTREAM



FROM BRIDGE LOOKING EAST UPSTREAM



WEST PROFILE



EAST PROFILE



LOOKING WEST



END BENT 1



BENT 1



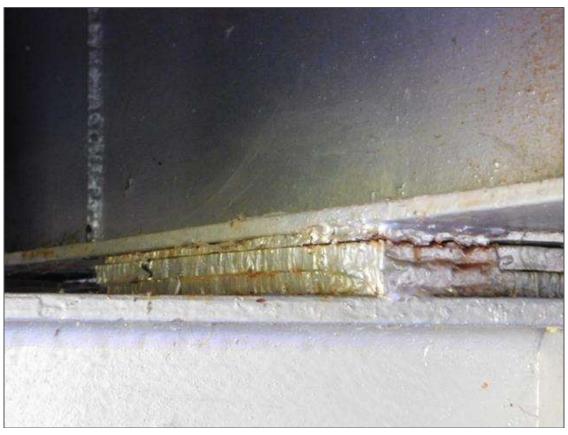
END OF BENT 1 AND CRUTCH BENT CAPS



END BENT 2



SUPER STRUCTURE



TYPICAL BEARING OVER CRUTCH BENTS



TYPICAL BEARING OVER CONCRETE CAPS



BOAT AND LADDER USED FOR INSPECTION

# BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 700015 County PENDER Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 2: 6" OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH 1/16" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 3: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 3" IN THE WEB, WITH 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 4: 6" OF RUST SCALE, BOTTOM FLANGE, UP TO 3" IN THE WEB DOWN TO A KNIFE EDGE REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 5: 18" OF RUST SCALE, BOTTOM FLANGE, UP TO 4" IN THE WEB, WITH 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 6: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 5" IN THE WEB, WITH 1/8" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 7: 18" OF RUST SCALE, BOTTOM FLANGE, UP TO 5" IN THE WEB, 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 8: 18" OF RUST SCALE, BOTTOM FLANGE, UP TO 5" IN THE WEB, 1/4" REMAINING IN THE BOTTOM FLANGE. WITH A 2" DIAMETER AREA WITH 100% SECTION LOSS AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	

# BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 700015 County PENDER Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	3	Span 1 Beam 11: 3' OF RUST SCALE, TOP AND BOTTOM FLANGE, UP TO 6" IN THE WEB, WITH 6" X UP TO 3" HOLE IN THE BOTTOM FLANGE, WITH 3/8" REMAINING IN THE WEB, WITH 5/16" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 1: RIGHT WEB AND BOTTOM FLANGE OVER BENT 1. HAS A 10" x 3" AREA OF 100% SECTION LOSS. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 5: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	
3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 6: 3' OF RUST SCALE, TOP AND BOTTOM FLANGE, UP TO 3" IN THE WEB, WITH 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. BOTTOM FLANGE HAS A 1" DIAMETER HOLE. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	
3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 1: SPAN 2 BEAM 1 OVER END BENT 1. WEB AND FLANGES HAVE AREAS OF SECTION LOSS WITH 1/8" REMAINING IN BOTTOM FLANGE AND 3/16" REMAINING IN WEB. AREA IS: FROM END OF BEAM OUT 18" x FULL WIDTH OF FLANGE AND FROM END OF BEAM OUT 12" x FULL HEIGHT OF WEB. A "PAR" HAS BEEN ISSUED FOR THESE CONDITIONS.	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 7: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH A KNIFE EDGE REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	

# BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 700015 County PENDER Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 8: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH 1/16" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. BOTTOM FLANGE HAS (3) 1" DIAMETER HOLES. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 9: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH 1/8" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 11: SPAN 2 BEAM 11 RIGHT WEB AND BOTTOM FLANGE OVER END BENT 2. WEB HAS A 5" x 3" AREA OF 100% SECTION LOSS. BOTTOM FLANGE HAS A 7" x 3" AREA OF SECTION LOSS WITH 1/4" REMAINING. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	
3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 11: 3' OF RUST SCALE IN TOP FLANGE WITH 5/16" REMAINING. BOTTOM FLANGE HAS A 12" x 3" AREA OF 100% SECTION LOSS. WEB HAS A 1 1/2" DIAMETER HOLE. THESE AREAS ARE OVER BENT 1. A "PAR" HAS BEEN ISSUED FOR THESE CONDITIONS.	
3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 11: BEAM 11 LEFT BOTTOM FLANGE AT CRUTCH BENT. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 3" WIDE x 10" LONG. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	
3354	Maintain Steel Substructure Components	LF	1	Span 1 Crutch Bent 1 Cap 1: BEARING STIFFNER UNDER BEAM 5. HAS A 7" x 2" AREA OF SECTION LOSS DOWN TO A KNIFE EDGE REMAINING. WITH A 1/2" DIAMETER HOLE. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.	

#### BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 700015 County PENDER

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

MMS Code	MN	/IS Descrip	Quantity	У			
3314	Mai	ntain Stee	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
			Request Awaiting Assignment				
Submitted D	Date:	Submitte	d By:	Assisted By:			
09/22/2020		TIM EA	RP				
Details							
MMC Code	, AA	AS December			O constitu		
MMS Code		//S Descrip			Quantity	•	
3314	Mai	ntain Stee	Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Level Status			Status	atus			
			Request Awaiting Assignment				
Submitted Date: Submitte			d By: Assisted By:				
09/22/2020		TIM EA	RP				
Details							

Span 1 Beam 3: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 3" IN THE WEB, WITH 1/4" REMAINING IN THE

BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.

## BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 700015 County PENDER

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

MMS Code	M	MS Descrip	Quantity			
3314			I Superstructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Level Status						
	Request Awaiting Assignment					
Submitted D	Date:	Date: Submitted By: Assisted By:				
09/22/2020		TIM EA	RP			
Details						
				TO 3" IN THE WEB DOWN TO A KN " HAS BEEN ISSUED FOR THIS CO		
MMS Code	M	MMS Description Quantity				
3314	Mai	Maintain Steel Superstructure Components 2 LF				
Location:						
			Bent/Span No.			

IVIIVIS Code	IVIIV	wiwis Description Quantity						
3314	Mai	ntain Stee	Superstructure Components	uperstructure Components 2 LF				
Location:	Location:							
	Bent/Span No.							
Priority Leve	el		Status					
			Request Awaiting Assignment					
Submitted D	ate:	Submitte	d By:	Assisted By:				
09/22/2020		TIM EARP						
Details	Details							
	Span 1 Beam 5: 18" OF RUST SCALE, BOTTOM FLANGE, UP TO 4" IN THE WEB, WITH 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.							

## BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 700015 County PENDER

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

MMS Code	MN	IS Descrip	Description Quantity				
3314	Maintain Steel Superstructure Components				1	LF	
Location:							
			Bent/Span No.				
Priority Level Status							
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
09/22/2020		TIM EA	RP				
Details							
			「 SCALE, BOTTOM FLANGE, UP <sup>·</sup> IT 1.A "PAR" HAS BEEN ISSUED	TO 5" IN THE WEB, WITH 1/8" REM FOR THIS CONDITION.	aining in <sup>-</sup>	THE	
MMS Code	N // N	1S Descrip	tion		Quantity		

MMS Code	MN	MMS Description Quantity					
3314	Mai	ntain Stee	tain Steel Superstructure Components 2 LF				
Location:	Location:						
			Bent/Span No.				
Priority Leve	el		Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By: Assisted By:				
09/22/2020		TIM EA	RP				
Details	Details						
Span 1 Beam 7: 18" OF RUST SCALE, BOTTOM FLANGE, UP TO 5" IN THE WEB, 1/4" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.							

Bridge: 700015 County PENDER

**MMS** Description

MMS Code

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

Quantity

3314	Maii	ntain Stee	Superstructure Components		2	LF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
			Request Awaiting Assignment					
Submitted D	ate:	Submitte	d By:	Assisted By:				
09/22/2020		TIM EA	RP					
Details								
BOTTOM FI	Span 1 Beam 8: 18" OF RUST SCALE, BOTTOM FLANGE, UP TO 5" IN THE WEB, 1/4" REMAINING IN THE BOTTOM FLANGE. WITH A 2" DIAMETER AREA WITH 100% SECTION LOSS AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.							
MMS Code	1/1/1	S Description Quantity						
		·			-			
3314		·	Superstructure Components		Quantity 3	/ LF		
		·			-			
3314		·			-			
3314	Maii	·	Superstructure Components		-			
3314 Location:	Maii	·	Superstructure Components  Bent/Span No.		-			
3314 Location:	Maii	·	Bent/Span No.  Status  Request Awaiting Assignment	Assisted By:	-			
3314 Location: Priority Leve	Maii	ntain Stee	Bent/Span No. Status Request Awaiting Assignment d By:	Assisted By:	-			
3314 Location: Priority Leve	Maii	ntain Stee	Bent/Span No. Status Request Awaiting Assignment d By:	Assisted By:	-			

Bridge: 700015 County PENDER

MMS Code	MM	IS Descrip	otion		Quantity	
3314	Mair	ntain Steel	Superstructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
09/22/2020		TIM EAF	RP			
Details						
	Span 2 Beam 1: RIGHT WEB AND BOTTOM FLANGE OVER BENT 1. HAS A 10" x 3" AREA OF 100% SECTION LOSS. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.					
MMS Code	S Code MMS Description Quantity					

MMS Code	MN	MMS Description Quantity					
3314	Mai	ntain Stee	teel Superstructure Components 1 LF			LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
			Request Awaiting Assignment				
Submitted D	Date:	Submitte	d By:	Assisted By:			
09/22/2020		TIM EA	RP				
Details							
			T SCALE, BOTTOM FLANGE, UP NT 1. A "PAR" HAS BEEN ISSUED	TO 2" IN THE WEB, WITH 1/4" REM ) FOR THIS CONDITION.	AINING IN <sup>-</sup>	THE	

Bridge: 700015 County PENDER

HAS BEEN ISSUED FOR THESE CONDITIONS.

MMS Code	MMS Description				Quantity	
3314	Main	Maintain Steel Superstructure Components 3 LF				LF
Location:	Location:					
			Bent/Span No.			
Priority Leve	el .		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
09/22/2020		TIM EA	RP			
Details						
REMAINING	Details  Span 2 Beam 6: 3' OF RUST SCALE, TOP AND BOTTOM FLANGE, UP TO 3" IN THE WEB, WITH 1/4"  REMAINING IN THE BOTTOM FLANGE, AT BENT 1. BOTTOM FLANGE HAS A 1" DIAMETER HOLE. A "PAR"  HAS BEEN ISSUED FOR THIS CONDITION.					

MMS Code	MN	MMS Description Quantity				
3314	Mai	Maintain Steel Superstructure Components 2 LF				LF
Location:						
			Bent/Span No.			
Priority Level			Status			
			Request Awaiting Assignment			
Submitted Da	ate:	Submitte	d By:	Assisted By:		
09/22/2020		TIM EAI	RP			
Details	Details					
WITH 1/8" RE	EMAI	NING IN E	BOTTOM FLANGE AND 3/16" REM	AND FLANGES HAVE AREAS OF S MAINING IN WEB. AREA IS: FROM E EAM OUT 12" x FULL HEIGHT OF W	END OF BEA	AM

Bridge: 700015 County PENDER

MMS Code	MMS Descrip	MMS Description Quantity				
3314 I	Maintain Steel	tain Steel Superstructure Components 1 LF				
Location:						
		Bent/Span No.				
Priority Level		Status				
		Request Awaiting Assignment				
Submitted Date	e: Submitte	d By:	Assisted By:			
09/22/2020	TIM EAF	RP				
Details						
	Span 2 Beam 7: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH A KNIFE EDGE REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.					

MMS Code	MN	MMS Description Quantity				
3314	Mai	aintain Steel Superstructure Components 1 LF			LF	
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
09/22/2020		TIM EA	RP			
Details						
BOTTOM F	Span 2 Beam 8: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH 1/16" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. BOTTOM FLANGE HAS (3) 1" DIAMETER HOLES. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.					

Bridge: 700015 County PENDER

MMS Code	MN	IS Descrip	otion		Quantity	
3314	Mair	ntain Steel	Superstructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
09/22/2020		TIM EA	RP			
Details						
	Span 2 Beam 9: 1' OF RUST SCALE, BOTTOM FLANGE, UP TO 2" IN THE WEB, WITH 1/8" REMAINING IN THE BOTTOM FLANGE, AT BENT 1. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.					
MMS Code	MN	IS Descrip	otion		Quantity	
					1	

MMS Code	M	MMS Description Quantity				
3314	Mai	nintain Steel Superstructure Components 1 LF			LF	
Location:						
			Bent/Span No.			
Priority Leve	əl		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
09/22/2020		TIM EA	RP			
Details						
AREA OF 1	00% S	SECTION L		OM FLANGE OVER END BENT 2. W 7" x 3" AREA OF SECTION LOSS W ITION.		5" x 3"

Bridge: 700015 County PENDER

**MMS** Description

Maintain Steel Superstructure Components

MMS Code

Location:

3314

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

Quantity

LF

3

			Bent/Span No.		
Priority Leve	ı		Status		
	Request Awaiting Assignment				
Submitted Da	ate:	Submitte	d By:	Assisted By:	
09/22/2020		TIM EA	RP		
Details					
3" AREA OF	Span 2 Beam 11: 3' OF RUST SCALE IN TOP FLANGE WITH 5/16" REMAINING. BOTTOM FLANGE HAS A 12" x 3" AREA OF 100% SECTION LOSS. WEB HAS A 1 1/2" DIAMETER HOLE. THESE AREAS ARE OVER BENT 1. A "PAR" HAS BEEN ISSUED FOR THESE CONDITIONS.				
MMS Code	MN	//S Descrip	otion		Quantity
3314	Mai	ntain Stee	Superstructure Components		1 LF
Location:					
			Bent/Span No.		
Priority Leve	l		Status		
			Request Awaiting Assignment		
Submitted Da	ate:	Submitte	d By:	Assisted By:	
09/22/2020		TIM EA	RP		
Details					
Span 2 Beam 11: BEAM 11 LEFT BOTTOM FLANGE AT CRUTCH BENT. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 3" WIDE x 10" LONG. A "PAR" HAS BEEN ISSUED FOR THIS CONDITION.					

Bridge: 700015 County PENDER

MMS Code	MN	MMS Description Quantity				
3354	Maii	Maintain Steel Substructure Components 1 LF				LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
	Request Awaiting Assignment					
Submitted D	ate:	Submitte	d By:	Assisted By:		
09/22/2020		TIM EA	RP			
Details						
	A KNIF			EAM 5. HAS A 7" x 2" AREA OF SEC FER HOLE. A "PAR" HAS BEEN ISS		

#### Measured 10' from end bent 1.

Roadway	21.5ft Wide	2 Paved Lanes	Looking North
Left Shoulder	7.67ft Wide	0.67ft Paved	7ft Unpaved
Right Shoulder	6.5ft Wide*	0.5ft Paved	6ft Unpaved*
Left Guardrail			
Right Guardrail			

## VERIFIED BY TSE 9/22/20

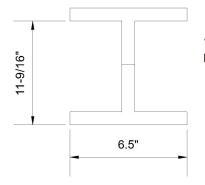
\*Measurment Revised: J. Talacek 9/6/2018

Title				ption						
Approach Roadway Sketch				Data Worksheet						
Bridge No:	700015	Drawn By: C. HOWARD		Date:	9/21/2014	File Name:	S0042000234			
						•				

Deck Width/Out to Out	Betwe	en Rails		25.5f	
Clear Roadway 24.083ft			ng Surface		0.17f
Median Width		Mediar	n Height		
Curb Height		Left	0.67ft	Right	0.67ft
Sidewalk Width		Left	1.17ft*	Right	1.17ft*
Clear Roadway (Rail to Median)	)	Left		Right	
Guardrail Width		Left	0.5ft	Right	0.5ft
Top of Rail to Deck/Wearing Su	rface	Left	2.33ft	Right	2.33ft
Bridge Rail		Left	Type 14	Right	Type 14

Measurements for Span #	1		
Deck Thickness	0.417ft	Left Overhang	1.58ft
Top of Rail to Bottom of Beam	3.92ft	Right Overhang	1.58ft

Beam Number	Beam Type	Spacing	Comments	
1	Steel I Beam	2.417ft		
2	Steel I Beam	2.417ft		
3	Steel I Beam	2.417ft		
4	Steel I Beam	2.417ft		
5	Steel I Beam	2.417ft		
6	Steel I Beam	2.417ft		
7	Steel I Beam	2.417ft		
8	Steel I Beam	2.417ft		
9	Steel I Beam	2.417ft		
10	Steel I Beam	2.417ft		
11	Steel I Beam			

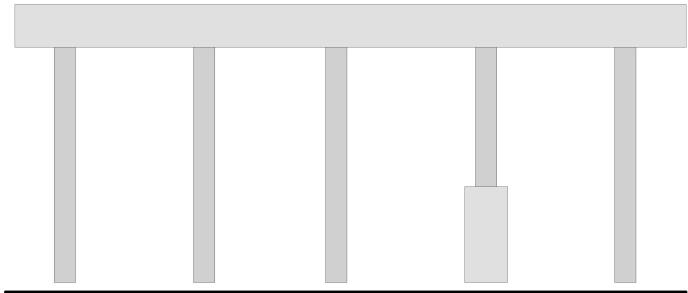


Web Thickness = 1/4"
Flange Thickness = 7/16"

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\*Measurements Revised: J. Talacek 9/6/2018

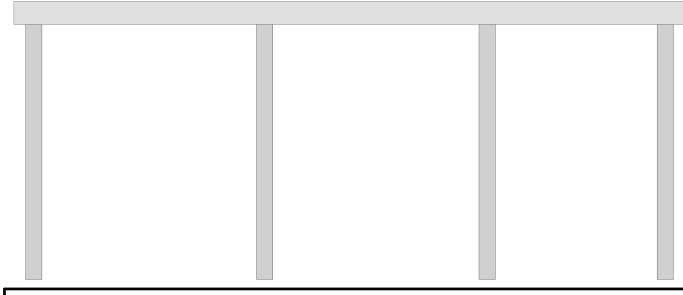
Title		Descri	ption			
Typical Section Sketch		Data W	orkshe	et		
Bridge No: 700015	Drawn By: C. HOWARD		Date:	9/21/2014	File Name:	S0042000235



Cap In	forr	nation		Material	Cast-in-	-Place Concre	ete					
Lengt	:h	Width	Height	Left Over	hang	Right Overh	Overhang Left Beam to End of Cap.			Right Beam to End of Ca		
31.333	ft.	2.000 ft.	2.000 ft.	2.330	ft.	2.830 ft.	t. 2.000 ft.			1.000 ft.		
Subca	p In	formation		Material								
Length Width Height Left Overhang Right Overhang Left Pile to Splice.												
Sill Information Material												
Length Width Height												
Pile#	M	aterial	Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replaceme	ent? Removed?	Collar?
1	Ti	mber	6.5 ft.	1 ft.			Ver	tical	Yes	No	No	No
2	Ti	mber	6.167 ft.	1 ft.			Verl	tical	Yes	No	No	No
3	Ti	mber	7 ft.	1 ft.		Vertical Yes No No N					No	
4	Ti	mber	6.5 ft.	1 ft.			Ver	tical	Yes	Yes	No	Yes
5	5 Timber 1 ft. Vertical Yes No No No											
Rent/A	hut	ment #	1	Similar F	Sents:					•		

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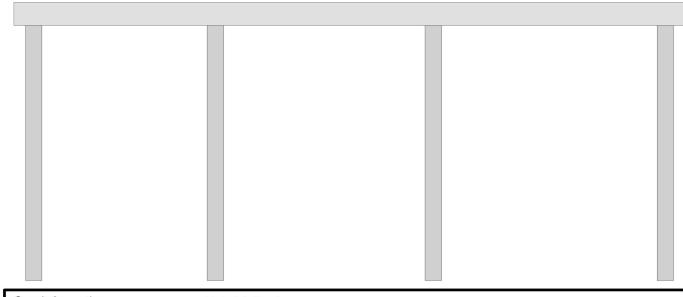
Title		Descri	iption				
Typical Bent Sketch		Data W	Vorkshe	et			
Bridge No: 700015	Drawn By: C. HOWARD		Date:	9/21/2014	File Name:	S0042000237	
1							



Cap Ir	nforr	mation		Material	Steel								
Leng	gth	Width	Height	Left Over	hang	Right Overh	erhang Left Beam to End of Cap		nd of Cap.	Right Beam to End		d of Cap.	
33.920	) ft.	1.208 ft.	1.125 ft.	1.000	ft.	1.000 ft.		3.1	167 ft.		2	2.833 ft.	
Subca	ap In	formation		Material									
Length Width Height Left Overhang Right Overhang Left Pile to Splice.													
Sill Int	Sill Information Material												
Leng	gth	Width	Height										
Pile#	М	aterial	Spacing	Width/Dia.	Height	Length	Orie	ntation	Driven?	Replacem	nent?	Removed?	Collar?
1	St	teel	11.67 ft.	0.833 ft.	0.833 ft	t.	Vert	tical	Yes	No		No	No
2	St	teel	11.25 ft.	0.833 ft.	0.833 ft	0.833 ft. Vertical Yes No No N					No		
3	St	teel	9.0 ft.	0.833 ft.	0.833 ft	t.	Vertic		Yes	No		No	No
4	St	teel		0.833 ft.	0.833 ft	t. Vertical			Yes	No		No	No
Crutch Bent #: 1													

## VERIFIED BY TSE 9/22/20

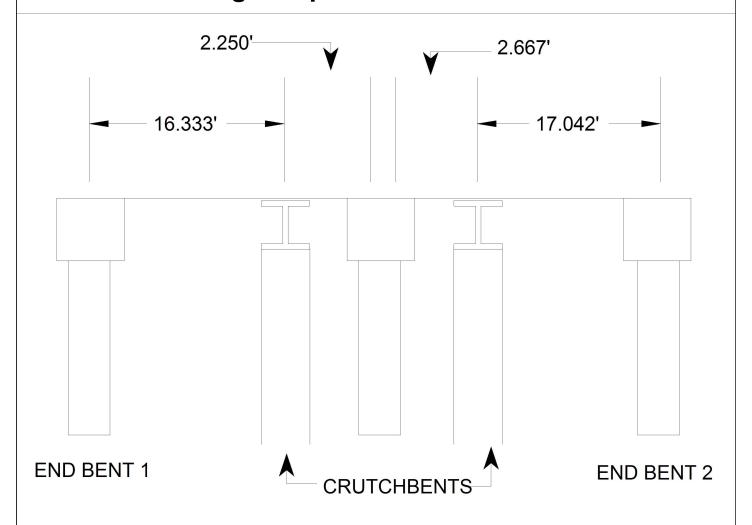
Title	Description					
Typical Crutch Bent Sketch	Data W	orkshe	et			
Bridge No: 700015	Drawn By: C. HOWARD		Date:	9/21/2014	File Name:	S0042000240



Cap Inf	formation		Material	Steel								
Lengtl	n Width	Height	Left Over	hang	Right Overh	ang	Left Be	eam to Er	nd of Cap.	Right	t Beam to En	d of Cap.
33.875	ft. 1.208 ft.	1.125 ft.	1.000	ft.	1.000 ft.		2.7	'50 ft.		3.427 ft.		
Subcar	Information		Material									
Length Width Height			Left Overhang Right Overhang			ang	ang Left Pile to Splice.					
Sill Information Material												
Length Width Height												
Pile#	Material	Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replacem	ent?	Removed?	Collar?
1	Steel	9.167 ft.	0.833 ft.	0.833 ff	t.	Vert	tical	Yes	No		No	No
2	Steel	11.0 ft.	0.833 ft.	0.833 ff	t.	Vert	tical	Yes	No		No	No
3	Steel	11.708 ft.	0.833 ft.	0.833 ff	t.	Vert	tical	Yes	No		No	No
4	Steel		0.833 ft.	0.833 ff	t.	Vert	tical	Yes	No		No	No
Crutch I	Crutch Bent #: 2											

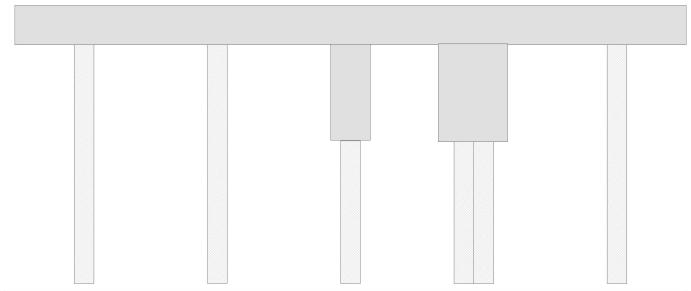
## VERIFIED BY TSE 9/22/20

Title			Descri	ption			
Typical C	rutch Bent Sketch	n (2 of 2)	Data W	orkshe/	et		
Bridge No:	700015	Drawn By: C. HOWARD		Date:	9/21/2014	File Name:	S0042000241



### VERIFIED BY TSE 9/22/20

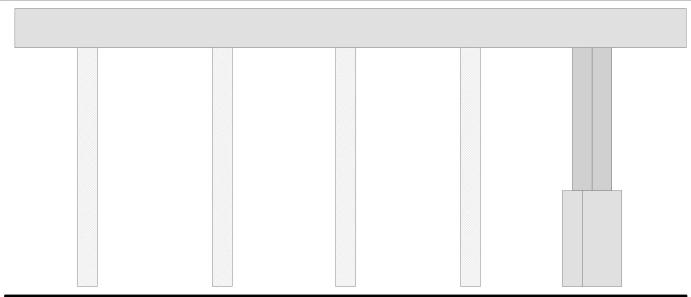
Title		Description					
Crutch Bent Span Lengths		SPAN LENGTHS TAKEN AT C TO C O F BEARINGS ON THE UPSTREAM SID					
Bridge No: 700015	Drawn By: rgm		Date:11/17/2008	File Name: S0042000236			



Cap Information				Material	Material							
Lengt	h	Width	Height	Left Over	hang	Right Overhang L		Left Beam to End of Cap.		Right Beam to End of Cap.		
34.000	ft.	2.000 ft.	2.000 ft.	3.500	ft.	3.500 ft. 2.000 ft.			3.330 ft.			
Subcap Information				Material	Material							
Lengt	Length		Height	Left Overhang		Right Overhang		Left Pile to Splice.				
Sill Info	orm	ation		Material								
Lengt	Length Width Height		Height									
Pile#	Ma	aterial	Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replaceme	ent? Removed?	Collar?
1	Co	oncrete	6.75 ft.	3.00 ft.			Vertical		No	No	No	No
2	Ti	mber	6.75 ft.	1.00 ft.			Ver	tical	No	No	No	No
3	Co	oncrete	5.75 ft.	1.00 ft.			Ver	tical	No	No	No	Yes
4	Ti	mber	1.00 ft.	1.00 ft.			Ver	tical	No	No	No	Yes
5	Ti	mber	6.75 ft.	1.00 ft.			Ver	tical	No	No	No	Yes
6	Ti	mber		1.00 ft.			Ver	tical	No	No	No	No
Abutme	Abutment #: 1											

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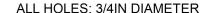
Title		Description							
Typical End Bent Sketch (	al End Bent Sketch (1 of 2)				Data Worksheet				
Bridge No: 700015	Drawn By: MSR		Date:	9/27/2016	File Name:	S0618000003			



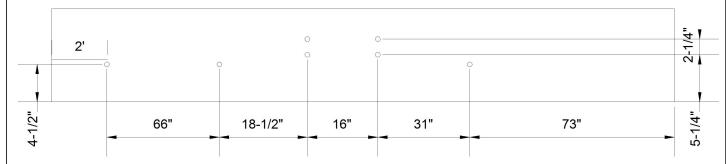
Cap Information Material Cast-in-Place Concrete											
Lengt	th Width	Height	Left Over	hang	Right Overh	nang	ng Left Beam to End of Ca		d of Cap.	. Right Beam to End of Ca	
34.000	ft. 2.000 ft.	2.000 ft.	3.670	ft.	3.500 ft.		3.160 ft.			1.500 ft.	
Subca	p Information		Material	Material							
Lengt	th Width	Height	Left Overhang		Right Overhang		Left Pile to Splice.				
Sill Info	ormation		Material								
Length Width He		Height									
Pile#	Material	Spacing	Width/Dia.	Height	Length	Orien	tation	Driven?	Replaceme	nt? Removed?	Collar?
	THE COLUMN TWO IS NOT THE COLUMN TO A REAL PROPERTY.	G   C   C   C   C   C   C   C   C   C					itation		replaceme	iit. Itomovou.	
1	Concrete	6.83 ft.	1 ft.			Vertic		No	Yes	No	No
1 2	Concrete Concrete		1 ft. 1 ft.			Vertic	cal				
1		6.83 ft.					cal cal	No	Yes	No	No
1 2	Concrete	6.83 ft. 6.25 ft.	1 ft.			Vertic	cal cal cal	No No	Yes Yes	No No	No No
1 2 3	Concrete Concrete	6.83 ft. 6.25 ft. 6.33 ft.	1 ft. 1 ft.			Vertic	cal cal cal	No No No	Yes Yes Yes	No No No	No No No

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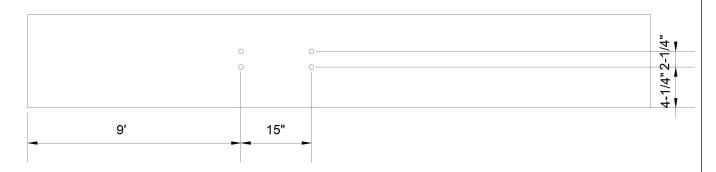
Title		Description				
Typical End Bent Sketch (2	2 of 2)	Data Worksheet				
Bridge No: 700015	Drawn By: C. HOWARD	-	Date:	9/21/2014	File Name:	S0042000239



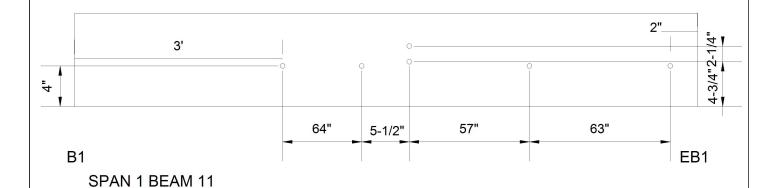
PAINT: ALUMINUM OVER LEAD



SPAN 1 BEAM 1



SPAN 1 BEAM 2 (BEAM 3 - BEAM 10 SIMILAR)

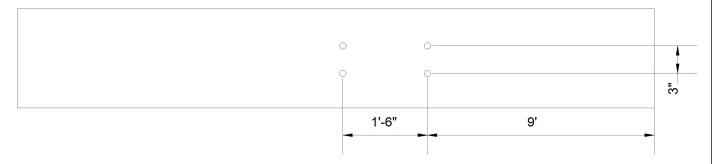


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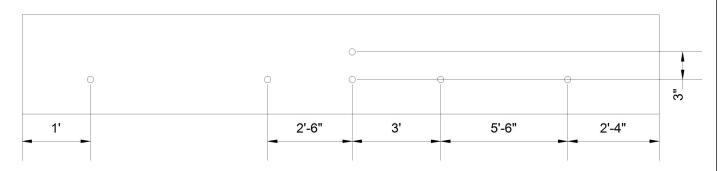
Title		Description				
Recycled Beam Sketch (1	of 2)	Data Worksheet				
Bridge No: 700015	Drawn By: C. HOWARD		Date:9/21/2014	File Name: S0566000055		

ALL HOLES: 3/4IN DIAMETER

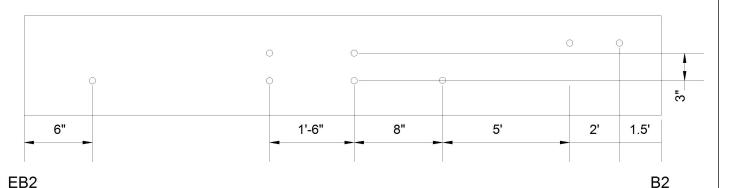
PAINT: ALUMINUM OVER LEAD



SPAN 2 BEAM 2 - BEAM 10



#### SPAN 2 BEAM 11



SPAN 2 BEAM 1

#### VERIFIED BY TSE 9/22/20

Title		Description				
Recycled Beam Sketch (2	? of 2)	Data Worksheet				
Bridge No: 700015	Drawn By: C HOWARD		Date:0/25/2014	File Name: \$0566000057		

