ATTENTION: PAR Submitted, Changes to Structure Data

# **Structure Safety Report**

### **Routine Element Inspection - Contract**

**INSPECTION DATE**: 05/27/2020

DIVISION: 12 COUNTY: IREDELL	STRUCT	URE NUMBER: 480166	FREQ	UENCY: 24 MONT	THS
FACILITY CARRIED: SR1595			MILE POST:		
LOCATION: 0.1 MI. E. JCT. SR1600		0.1 MI. E. JCT. SR160	00		
FEATURE INTERSECTED: ROCKY CREE	EK				
<b>LATITUDE</b> : 36° 0' 50.94"	LONGITUDE:	81° 0' 13.21"			
SUPERSTRUCTURE:					
SUBSTRUCTURE:					
SPANS: 3 SPANS. SEE SPAN PROFI	LE SHEET FOR SPAN DI	ETAILS			
FRACTURE CRITICAL TEMPO	DRARY SHORING	SCOUR CRITICAL	✓ SCOUR F	PLAN OF ACTION	
NBI GRADES: DECK 6 SU	PERSTRUCTURE 4	SUBSTRUCTURE 5	CULVERT	<u>N</u>	
POSTED SV: 33 33		POSTED TTST: 40		40	
OTHER SIGNS PRESENT: Two [2] Load	Postings, Four [4] Delinea	itors			
			Sign noticed issued for		Number Required
			NO	WEIGHT LIMIT	0
			NO	DELINEATORS	0
		Resil	NO	NARROW BRIDGE	0
			NO	ONE LANE BRIDGE	0
			NO	LOW CLEARANCE	0
				TION OF ECTION W-E	
	<u> -\</u>			CTION ES PLANS	
West approach looking East					
INSPECTED BY Dillon Winters, EI	SIGNATURE	RH	ASSISTED BY	Mark Ferguson, Will Graham	iam

(1) STATE NAME NORTH CAROLINA BRIDGE	48	80166	SUFFICIENCY RATING			58.8
(8) STRUCTURE NUMBER (FEDERAL)		70166	STATUS =		Structurally	/ Deficien
(5) INVENTORY ROUTE (ON/UNDER) ON	1310 <sup>-</sup>	15950		CLASSIFICATION ——		CODE
(2) STATE HIGHWAY DEPARTMENT DISTRICT (3) COUNTY CODE (FEDERAL)  97 (4) PLACE CODE		12 00000	(112) NBIS BRIDGE SYSTEM			YE
(6) FEATURE INTERSECTED ROCKY CREEK	•	0000	(104) HIGHWAY SYSTEM	Inventory Rou	ite not on NHS	
(7) FACILITY CARRIED SR1595			(26) FUNCTIONAL CLASS		Rural Local	(
(9) LOCATION <b>0.1 MI. E. JCT. SR1600</b>			(100) STRAHNET HIGHWAY	Not a STF	RAHNET Route	
(11) MILEPOINT		0.0	(101) PARALLEL STRUCTURE	No parallel s	tructure exists	
(12) BASE HIGHWAY NETWORK		0	(102) DIRECTION OF TRAFFIC		2-way traffic	
(13) LRS INVENTORY ROUTE & SUBROUTE (16) LATITUDE 36° 0' 50.94" (17) LONGITUDE	81° 0' 1	3 21"	(103) TEMPORARY STRUCTURE			
(98) BORDER BRIDGE STATE CODE PERCENT SHA		0.21	(110) DESIGNATED NATIONAL N	IETWORK - on national netw	vork for trucks	
(99) BORDER BRIDGE STRUCTURE NUMBER			(20) TOLL		On Free Road	
OTPUGTURE TYPE AND MATERIAL			(21) MAINT -			
(43) STRUCTURE TYPE AND MATERIAL (43) STRUCTURE TYPE MAIN		Steel	(22) OWNER -			(
TYPE Stringer/Multi-beam or girder	CODE	302	, ,	_		•
(44) STRUCTURE TYPE APPROACH	CODE	302	(37) HISTORICAL SIGNIFICANCE			
	CODE		(E0) DECK	CONDITION —		CODE
	CODE	_	(58) DECK			
(45) NUMBER OF SPANS IN MAIN UNIT		3	(59) SUPERSTRUCTURE			
(46) NUMBER OF SPANS IN APPROACH		0	(60) SUBSTRUCTURE			
	CODE	8	(61) CHANNEL & CHANNEL PRO	TECTION		
(108)WEARING SURFACE/PROTECTIVE SYSTEM			(62) CULVERTS			
` '	CODE	6		ATING AND POSTING		CODE
	CODE	0	(31) DESIGN LOAD		Unknown	
(C) TYPE OF DECK PROTECTION	CODE	0	(63) OPERATING RATING METH	OD -	Load Factor	
AGE AND SERVICE			(64) OPERATING RATING -		HS-22	4
(27) YEAR BUILT		1966	(65) INVENTORY RATING METH	OD -		
(106) YEAR RECONSTRUCTED		0	(66) INVENTORY RATING		HS-13	:
(42) TYPE OF SERVICE ON -	Hig	hway	(70) BRIDGE POSTING	Pos	sting Required	
OFF - Waterway	CODE	15	(41) STRUCTURE OPEN, POSTE	D, OR CLOSED		
(28) LANES ON STRUCTURE 2 LANES UNDER STRUCT	TURE	0	DESCRIPTION	Po	sted for Load	
(29) AVERAGE DAILY TRAFFIC		60		APPRAISAL		CODE
(30) YEAR OF ADT <b>2000</b> (109) TRUCK ADT PCT		0	(67) STRUCTURAL EVALUATION	I		
(19) BYPASS OR DETOUR LENGTH		3.0	(68) DECK GEOMETRY			
GEOMETRIC DATA			(69) UNDERCLEARANCES, VER	T & HORIZ		
(48) LENGTH OF MAXIMUM SPAN		35.0	(71) WATERWAY ADEQUACY			
(49) STRUCTURE LENGTH		107.0	(72) APPROACH ROADWAY ALIC	GNMENT		
(50) CURB OR SIDEWALK: LEFT 0.3 RIGHT		0.3	(36) TRAFFIC SAFETY FEATURE	ES .		000
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB (52) DECK WIDTH OUT TO OUT		23.1 24.1	(113) SCOUR CRITICAL BRIDGE			
(32) APPROACH ROADWAY WITH (W/ SHOULDERS)		20.0	,	SED IMPROVEMENTS		
(33) BRIDGE MEDIAN No median CO	ODE	0	(75) TYPE OF WORK	OSED IIVII NOVEWIENTS	COD	E
(34) SKEW <b>40</b> (35) STRUCTURE FLARED		0	(76) LENGTH OF STRUCTURE IN	MPROVEMENT		
(10) INVENTORY ROUTE MIN VERT CLEAR		999.9	(94) BRIDGE IMPROVEMENT CO			
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR (53) MIN VERT CLEAR OVER BRIDGE ROWY	•	23.1 999.0	(95) ROADWAY IMPROVEMENT			
(53) MIN VERT CLEAR OVER BRIDGE RDWY (54) MIN VERT UNDERCLEAR: REFERENCE	9	0.0		0001		
(55) MIN LAT UNDERCLEARANCE RT: REFERENCE N		0.0	(96) TOTAL PROJECT COST	OCT ECTIMATE		
(56) MIN LAT UNDERCLEARANCE LT:		0.0	(97) YEAR OF IMPROVEMENT C			
NAVICATION DATA			(114) FUTURE ADT	120 YEAR OF FUTUI	KE ADT	204
(38) NAVIGATION CONTROL -	CODE	0	(90) INSPECTION DATE	INSPECTION 05/18 (91	) FREQUENCY	2
	CODE	J	(92) CRITICAL FEATURE INSPEC		(93) CFI DAT	
. ,	JUDE	0.0	A) FRACTURE CRIT DETAI			_
(39) NAVIGATION VERTICAL CLEARANCE		0.0	A) I NACIONE CRIT DETAI	- A,		
(AAC) VEDT LIET DDIDGE NAVAMINI VEDT OF EAD		0.0	B) I INIDED/WATED INIOD	D)		
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR (40) NAVIGATION HORIZONTAL CLEARANCE		0.0	B) UNDERWATER INSP C) OTHER SPECIAL INSP	B)		

### **Superstructure Build Details**

Span Number  $\underline{1}$ 

**Span Length** <u>36.0000</u>

**Skew** 50.0000

Number of Items				Quantity	Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	828	Square Feet		
2	Timber Rail	Timber Bridge Railing	72	Feet		
10	Plate Girder	Steel Open Girder/Beam	360	Feet	Unknow	1920
7	Other Bearing	Other Bearings	7	Each	Unknow	7
13	Other Bearing	Other Bearings	13	Each	Galvanized Protective System	13
1	Timber Deck	Timber Deck	867	Square Feet		

Span Number 2

Span Length <u>35.0000</u>

**Skew** 50.0000

Number of Items	Type of Component Element Name			Quantity	Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	805	Square Feet		
2	Timber Rail	Timber Bridge Railing	70	Feet		
20	Other Bearing	Other Bearings	20	Each	Galvanized Protective System	20
10	Plate Girder	Steel Open Girder/Beam	350	Feet	Unknow	1920
1	Timber Deck	Timber Deck	843	Square Feet		

Span Number 3

Span Length <u>36.0000</u>

**Skew** 50.0000

Number of Items	Type of Component Element Name			Quantity	Protective System Applied	Quantity (Sq Ft)
2	Asphalt Wearing Surface	Wearing Surface	1656	Square Feet		
2	Timber Rail	Timber Bridge Railing	72	Feet		
1	Timber Deck	Timber Deck	867	Square Feet		
20	Other Bearing	Other Bearings	20	Each	Galvanized Protective System	20
10	Plate Girder	Steel Open Girder/Beam	360	Feet	Unknow	1920

## **Structure Element Scoring**

Structure Number: 480166 Inspection Date 5/27/2020

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
31	0	Timber Deck	Deck	2577	2337	240	0	0
107	0	Steel Open Girder/Beam	Beam	1070	0	275	795	0
515	107	Steel Protective Coating	Beam	5760	1998	0	551	3211
215	0	Reinforced Concrete Abutment	Abutments	98	84	1	13	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	74	74	0	0	0
225	0	Steel Pile	Piles and Columns	12	0	12	0	0
515	225	Steel Protective Coating	Piles and Columns	240	217	0	23	0
231	0	Steel Pier Cap	Caps	70	17	35	18	0
515	231	Steel Protective Coating	Caps	204	150	0	30	24
316	0	Other Bearings	Bearing Device	60	0	40	20	0
515	316	Steel Protective Coating	Bearing Device	60	0	1	39	20
332	0	Timber Bridge Railing	Bridge Rail	214	0	214	0	0
510	0	Wearing Surface	Wearing Surfaces	3289	1733	260	1296	0

## **Summary of Maintenance Needs**

Maintenance By Defect

Structure Number: 480166 Inspection Date: 05/27/2020

MMS Code	Element Name	Defect Name	Recommended Quantity
3314	Steel Open Girder/Beam	Corrosion	795 Feet
3350	Reinforced Concrete Abutment	Delamination/Spall	5 Feet
3350	Reinforced Concrete Abutment	Cracking (RC and Other)	1 Feet
3350	Reinforced Concrete Abutment	Efflorescence/Rust Staining	7 Feet
3354	Steel Pier Cap	Corrosion	18 Feet
3334	Other Bearings	Connection	3 Each
3334	Other Bearings	Corrosion	21 Each
2816	Wearing Surface	Crack (Wearing Surface)	1556 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	3821 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	77 Square Feet

## **Element Structure Maintenance Quantities**

Structure Number: 480166 Inspection Date 05/27/2020

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	13	98	0	13	1	84
Beam	3314	Maintenance Steel Superstructure Components	795	1070	0	795	275	0
Beam	3342	Clean and Paint Steel	3762	5760	3211	551	0	1998
Bearing Device	3334	Bridge Bearing	24	60	0	20	40	0
Bearing Device	3342	Clean and Paint Steel	59	60	20	39	1	0
Bridge Rail	3316	Maintenance of Timber Bridge Rail	0	214	0	0	214	0
Caps	3342	Clean and Paint Steel	54	204	24	30	0	150
Caps	3354	Maintenance of Steel Substructure Components	18	70	0	18	35	17
Deck	3324	Maintenance of Timber Deck Components	0	2577	0	0	240	2337
Footing	3348	Maintenance of Concrete Substructure	0	74	0	0	0	74
Piles and Columns	3342	Clean and Paint Steel	23	240	0	23	0	217
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	12	0	0	12	0
Wearing Surfaces	2816	Asphalt Surface Repair	1556	3289	0	1296	260	1733

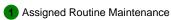
an1			
3314	Beam 1	Plate Girder	
Priority			
Level	Defect Type	Quantity	Defect Description
2	Corrosion	36	Span 1 Beam 1: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 1/4in], lower web [full length x up to 3in - avg rem 5/16in]
3334	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 2 Beam 2 Near Bearing: [PAR] North anchor bolt missing
2	Corrosion	36	Span 1 Beam 2: [PAR] along length, active corrosion with section loss; top and bottom flange [full length $x$ up to full width - avg rem 0.35in], lower web [up to 3ft $x$ up to 6in - avg rem 5/16in]
3334	Beam 3	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 3 Near Bearing: [PAR] North anchor bolt missing
2	Corrosion	8	Span 1 Beam 3: [PAR] near midspan and at far third ,two [2] areas of active corrosion with section loss; bottom flange [up to 48in x full width - avg rem 3/8in], lower web [32in x 2-1/2in - avg rem 9/32in]
3334	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 1 Beam 4 Near Bearing: [PAR] North anchor bolt missing
2	Corrosion	1	Span 1 Beam 4: [PAR] at near end, active corrosion with section loss; bottom flang [16in x full width - avg rem 1/2in], lower web [14in x 2in - avg rem 1/4in]
3314	Beam 5	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 1 Beam 5: [PAR] at near end, active corrosion with section loss; bottom flang [20in x full width - avg rem 3/8in], lower web [18in x 4in - avg rem 1/4in]
3334	Beam 6	Plate Girder	
Priority			
Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 1 Beam 6 Near Bearing: [PAR] North anchor bolt missing
2	Corrosion	3	Span 1 Beam 6: [PAR] at near end, active corrosion with section loss, South bottor flange [up to 36in x up to 4in - avg rem 3/8in], lower web [30in x up to 3in - avg rem 1/4in]
3314	Beam 7	Plate Girder	

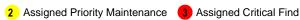
Structure Nun	nber <u>480166</u>		
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 1 Beam 7: [PAR] bottom flange at near end, active corrosion with section los [up to 30in x up to full width - avg rem 3/8in, with areas down to 1/4in at edges]
3314	Beam 8	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 8: [PAR] at near end, active corrosion with section loss; bottom flang [22in x full width - avg rem 1/4in], lower web [28in x up to 2-1/2in - avg rem 1/4in]
3334	Beam 9	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 1 Beam 9 Near Bearing: [PAR] North anchor bolt nut missing, [1/8in loss] on bolt and not fully embedded
2	Corrosion	2	Span 1 Beam 9: [PAR] at near end, active corrosion with section loss; bottom flang [18in x full width - avg rem 0.35in], lower web [8in x up to 8in - avg rem 1/4in]
3314	Beam 10	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	28	Span 1 Beam 10: [PAR] along length of beam, multiple areas of active corrosion wis section loss; bottom flange [up to 68in x 6in - avg rem 1/4in], lower web & web at repost connections [up to 10ft x 6in - avg rem 1/4in]
Span2			
3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	35	Span 2 Beam 1: [PAR] along length active corrosion with section loss; top and bottom flange [up to 15ft x full width - avg rem 3/8in], bottom flange at midspan [10ft x full width - avg rem 1/4in, with edges down to 1/8in], lower web along length [up to 15ft x up to 9in - avg rem 1/4in], lower web at midspan [10ft x 4in - avg rem 3/16in] web at rail connections [up to 12in diameter - avg rem 1/4in]
3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	12	Span 2 Beam 2: [PAR] at near end, active corrosion with section loss; top and bottom flange [12ft x up to full width - avg rem 3/8in], lower web [up to 50in x up to 8in - avg rem 5/16in]
3314	Beam 4	Plate Girder	

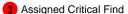
#### Structure Number 480166 2 Span 2 Beam 4: [PAR] near midspan, active corrosion with section loss; bottom Corrosion flange [up to 42in x up to full width - avg rem 3/8in], lower web [16in x 2in - avg rem 1/4in] 3314 Beam 6 Plate Girder **Priority** Level **Defect Type** Quantity **Defect Description** (2) Span 2 Beam 6: [PAR] at far end, active corrosion with section loss; bottom flange Corrosion [up to 8ft x full width - avg rem 3/8in], lower web [12ft x up to 2in - avg rem 1/4in] 3314 Beam 7 Plate Girder **Priority** Level **Defect Type** Quantity **Defect Description** (2) Corrosion Span 2 Beam 7: [PAR] near midspan, active corrosion with section loss; bottom flange [up to 6ft x full width - avg rem 0.31in], lower web [up to 5ft x 2in - avg rem 5/16in1 3314 Beam 8 Plate Girder **Priority** Level **Defect Type** Quantity **Defect Description** 2 3 Span 2 Beam 8: [PAR] at 2ft from far end, active corrosion with section loss, South Corrosion bottom flange [16in x 4in - avg rem 3/8in], lower web [28in x up to 2in - avg rem 3314 Beam 9 Plate Girder Priority Level **Defect Type** Quantity **Defect Description** 3 (2) Corrosion Span 2 Beam 9: [PAR] at midspan, active corrosion with section loss; bottom flange [2ft x full width - avg rem 3/8in], lower web [32in x 5in - avg rem 1/4in] 3314 Beam 10 Plate Girder **Priority** Level **Defect Type** Quantity **Defect Description** 2 Span 2 Beam 10: [PAR] along length, active corrosion with section loss; top and Corrosion bottom flange [full length x full width - avg rem 0.34, with areas down to 1/8in], lower web & web at rail connections [up to 3ft x up to 14in - avg rem 1/4in] Span3

3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	36	Span 3 Beam 1: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 0.34in, edge down to 1/8in], lower and areas of upper web [16ft x up to 5in - avg rem 1/4in], web at rail attachments [up to 12in diameter - avg rem 5/16in]









3314	Beam 2	Plate Girder	
Priority			
Level	Defect Type	Quantity	Defect Description
2	Corrosion	10	Span 3 Beam 2: [PAR] near midspan, active corrosion with section loss, bottom flange [10ft x full width - avg rem 0.35in], lower web [10ft x 4in - avg rem 5/16in]
3314	Beam 3	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	5	Span 3 Beam 3: [PAR] at 15in from near end, active corrosion with section loss; bottom flange [5ft x up to full width - avg rem 3/8in], lower web [52in x 3in - avg rem 5/16in]
2	Corrosion	2	Span 3 Beam 3: [PAR] at far end, active corrosion with section loss; bottom flange [23in x up to full width - avg rem 3/8in], lower web [up to 32in x up to 5in - avg rem 5/16in]
2	Corrosion	15	Span 3 Beam 3: [PAR] at midspan, active corrosion with section loss; bottom flange [up to 10ft x full width - avg rem 0.36in], lower web [up to 10ft x 4in - avg rem 5/16in]
3314	Beam 4	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 3 Beam 4: [PAR] at far end, active corrosion with section loss, bottom flange [up to 24in x full width - avg rem 3/8in, with areas down to 3/16in], lower web [22in up to 4in - avg rem 1/4in]
1	Corrosion	4	Span 3 Beam 4: [PAR] at near end, active corrosion with section loss; North bottom flange [4ft x 4in - avg rem 3/8in]
1	Corrosion	6	Span 3 Beam 4: [PAR] near midspan, active corrosion with section loss; top flange [up to 30in x up to full width - avg rem 5/16in], bottom flange [62in x up to full width avg rem 7/16in]
3314	Beam 5	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	4	Span 3 Beam 5: [PAR] at far end, active corrosion with section loss, bottom flange
2	Corrosion	3	[41in x full width - avg rem 3/8in], lower web [up to 24in x up to 4in - avg rem 5/16in Span 3 Beam 5: [PAR] at near third, active corrosion with section loss; bottom flang [36in x up to full width - avg rem 3/8in], lower web [40in x up to 3in - avg rem 1/4in]
3314	Beam 7	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 3 Beam 7: [PAR] at 18in from near end, active corrosion with section loss; bottom flange [32in x up to full width - avg rem 3/8in]
3314	Beam 8	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	7	Span 3 Beam 8: [PAR] at far end, active corrosion with section loss; bottom flange [up to 27in x full width - avg rem 3/8in], lower web [up to 7ft x up to 3in - avg rem 5/16in]

#### Structure Number 480166

3314	Beam 9	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	12	Span 3 Beam 9: [PAR] at far end, active corrosion with section loss; bottom flange [up to 38in x up to full width - avg rem 3/8in], lower web [up to 19in x up to 5in - avg rem 5/16in]
2	Corrosion	4	Span 3 Beam 9: [PAR] at near end, active corrosion with section loss; North bottom flange [41in x 4in - avg rem 3/8in]
2	Corrosion	2	Span 3 Beam 9: [PAR] near midspan, active corrosion with section loss; bottom flange [24in x full width - avg rem 3/8in], lower web [20in x 2in - avg rem 1/4in]
3314	Beam 10	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	36	Span 3 Beam 10: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 1/4in, with edges down to 1/16in], lower web [full length x up to 4in - avg rem 1/4in, with areas down to 3/16in], web at rail attachments [12in diameter - avg rem 1/4in]

#### Bent 1

3354	Cap 1	Steel Pier Cap	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	8	Bent 1 Cap 1: [PAR] along West face at stiffeners 2-6, 9, & 10, active corrosion with section loss [up to 6in x full width - avg rem 3/8in]; along East face at stiffeners 1-5, 9 & 10, active corrosion with section loss [8in x full width - avg rem 3/8in]

#### Bent 2

3354	Cap 1	Steel Pier Cap	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	6	Bent 2 Cap 1: [PAR] along West face at stiffeners 2, 6, & 7, active corrosion with section loss [up to 6in x full width - avg rem 3/8in]; along East face at stiffeners 1, 2, & 7-9, active corrosion with section loss [8in x full width - avg rem 3/8in]



#### **Element Condition and Maintenance Data**

Structure Number: 480166 Inspection Date: 05/27/2020

lucture	110111be1. <u>400100</u>					11.1	spection	Date. <u>USIZITZUZ</u>
Spa	an 1	Deck						
Tin	nber Deck							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
31	Timber	Deck	867	787	80	0	0	Square Feet
Eleme Numb	Defeat Type	Defect Des	cription		cs	CS Qty	Maint Qty	
31	Decay/Section Loss	throughout edge of deck at North and South ends, areas of decay/surface softness in end of deck boards [up to full width x full height x up to 1in deep probe] with vegetation/moss growth			2	80		Square Feet
	General Comments							

**General Comments** 

throughout underside of deck, multiple core holes [6in diameter]

1	Wearing S	urface					
alt Wearing Sur	face						
ent er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Wearin	g Surface	828	395	0	433	0 S	quare Feet
Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
Crack (Wearing Surface)	both lanes and shoulders over end width x up to 1in)	d bent 1, transverse of	crack (full	3	33	33	Square Feet
Crack (Wearing Surface)	scattered throughout at random, m width x up to 1/4in)	nultiple transverse cra	acks (full	3	400	400	Square Feet
	ent er Wearing Sur  Wearin  Defect Type  Crack (Wearing Surface)  Crack (Wearing	alt Wearing Surface  Interest Element Name Wearing Surface  Defect Type Defect Des Crack (Wearing Surface)  Double Ianes and shoulders over end width x up to 1in) Crack (Wearing Scattered throughout at random, m	Alt Wearing Surface  Int Element Name Qty Wearing Surface 828  Defect Type Defect Description  Crack (Wearing Surface) both lanes and shoulders over end bent 1, transverse of width x up to 1in) Crack (Wearing Surface) scattered throughout at random, multiple transverse crack (Wearing Surface) scattered throughout at random, multiple transverse crack (Wearing Surface) scattered throughout at random, multiple transverse crack (Wearing Surface)	Alt Wearing Surface  Int Element Name Qty Qty Wearing Surface 828 395  Defect Type Defect Description  Crack (Wearing Surface) both lanes and shoulders over end bent 1, transverse crack (full width x up to 1in) Crack (Wearing Surface) scattered throughout at random, multiple transverse cracks (full scattered throughout at random, multiple transverse cracks)	alt Wearing Surface  Int Element Name Qty Qty Qty Wearing Surface 828 395 0  Defect Type Defect Description CS  Crack (Wearing Surface) both lanes and shoulders over end bent 1, transverse crack (full 3 width x up to 1in) Crack (Wearing scattered throughout at random, multiple transverse cracks (full 3	Alt Wearing Surface  Int Element Name Otty Otty Otty Otty Otty Otty  Wearing Surface Befect Description CS CS Qty  Crack (Wearing both lanes and shoulders over end bent 1, transverse crack (full 3 338 width x up to 1in)  Crack (Wearing scattered throughout at random, multiple transverse cracks (full 3 400	Ant Wearing Surface  Int Element Name Qty

General Comments

Spa	n 1	Left Bridg	ge Rail					
Tim	ber Rail							
Nun	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber	Bridge Railing	36	0	36	0	0 Fee	et
Elemen Number	Defect Tyme	Defect Des	scription		cs	CS Qty	Maint Qty	
332	Check/Shake	curb at 20ft from End Bent 1, sha	ke [50in x 2in x 2in]		2		F	eet
332	Check/Shake	top board and curb, checks (full le	ength x up to 1/4in)		2	36	F	eet

**General Comments** 

Span 1		Right Bri	dge Rail					
Timber F	Rail							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber	Bridge Railing	36	0	36	0	0 Fe	et
Element Number	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
<b>332</b> Chec	ck/Shake	top board and curb, checks (full I	ength x up to 1/4in)		2	36	·	Feet

Spa	ın 1	Beam 1						
Plat	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	oen Girder/Beam	36	0	0	36	0 F	eet
515	Steel Pro	otective Coating	192	57	0	0	135 S	Square Feet
Elemen Numbe	Dofoct Typo	Defect De	scription		cs	CS Qty	Maint Qty	
107	Corrosion	[PAR] along length, active corros bottom flange [full length x up to lower web [full length x up to 3in	full width - avg rem 1/4	•	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion	and section loss		4	135	135	Square Feet

Spa	n 1	Beam 1 Nea	ar Bearing					
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel Pi	rotective Coating	1	0	0	0	1	Square Feet
lemen lumbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active corrosion with section loss [u	p to 1/16in]		3	1	•	1 Each
515	Effectiveness (Steel Protective Coatings)	paint failure with bare metal expose	d (1sf)		4	1		1 Square Feet
	General Comments							_

Spa	an 1	Beam 1 Fa	ar Bearing					
Oth	ner Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other	Bearings	1	0	1	0	0	Each
515	Steel	Protective Coating	1	0	0	1	0	Square Feet
Eleme	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	on loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)		n		3	1		1 Square Feet
	<b>General Comments</b>							

Span	1		Beam 2						
Plate	Girder								
Eleme Numb			Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Op	en Girder/Beam	36	0	0	36	0	Feet
515		Steel Pro	otective Coating	192	96	0	0	96	Square Feet
Element Number	Defect	Туре	Defect Des	cription		cs	CS Qty	Maint Qty	
<b>107</b> C	Corrosion	sion [PAR] along length, active corrosion with se bottom flange [full length x up to full width - lower web [up to 3ft x up to 6in - avg rem 5/			•	3	36	3	6 Feet

Inspection Date: <u>05/27/2020</u> Structure Number: 480166

paint failure with active corrosion and section loss

Effectiveness (Steel Protective Coatings)

**General Comments** 

4

96 Square Feet

0	4	D 0 No	D					
Spa	an 1	Beam 2 No	ear Bearing					
Oth	ner Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	0	1	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Eleme Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
316	Corrosion	[PAR] North anchor bolt missing			3	1	1	Each
316	Corrosion	active corrosion with section loss [	[up to 1/16in]		3		1	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion a	and section loss		4	1	1	Square Feet
	<b>General Comments</b>							

Spa	n 1	Beam 2 Far	Bearing					
Oth	er Bearing							
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
lemen lumbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corr	rosion		3	1		1 Square Feet
-	General Comments							

Span	1	Beam 3						
Plate	Girder							
Eleme Number 107	er	Element Name en Girder/Beam	Total Qty 36	CS1 Qty 0	CS2 Qty	<b>CS3</b> <b>Qty</b> 36	CS4 Qty	Feet
515	Steel Pro	otective Coating	192	77	0	0	115	Square Feet
Element Number	Defect Type	Defect Descr	iption		cs	CS Qty	Maint Qty	
<b>107</b> C	Corrosion	[PAR] at near end active corrosion v flange [1ft x full width - avg rem 3/8i rem 1/4in]			3	1	1	Feet
<b>107</b> C	Corrosion	[PAR] near midspan and at far third corrosion with section loss; bottom f - avg rem 3/8in], lower web [32in x 2	lange [up to 48in x	full width	3	8	8	3 Feet
<b>107</b> C	Corrosion	along length of top and bottom flang with section loss [up to 1/16in loss -			3	27	27	' Feet
515 E	ffectiveness (Steel	paint failure with active corrosion an	d section loss		4	115	115	Square Feet

Spa	n 1	Beam 3 Ne	ear Bearing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	[PAR] North anchor bolt missing			3	1	•	1 Each
316	Corrosion	active corrosion with section loss [	th section loss [up to 1/16in]		3			1 Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion a	and section loss		4	1		1 Square Feet
	<b>General Comments</b>							

Span 1		Beam 3 Far 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 Coating		1	0	0	1	0	Square Feet
Element	Defect Type	Defect Description			CS	CS Otv	Maint	

**Defect Description** Defect Type Number Qty 316 Corrosion active surface corrosion [no section loss noted] 2 Each 515 Effectiveness (Steel paint failure with active surface corrosion 3 1 Square Feet 1 Protective Coatings)

Spa	n 1	Beam 4						
Plat	e Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	36	0	17	19	-	Feet
515	Steel Pro	otective Coating	192	61	0	35	96	Square Feet
lemen umbe	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
107	Corrosion	[PAR] at near end, active corrosion flange [16in x full width - avg rem avg rem 1/4in]			3	1		1 Feet
107	Corrosion	at far half, active corrosion with se x up to full width - avg rem 0.42in] avg rem 5/16in]	· ·	· .	3	18	18	3 Feet
107	Corrosion	along length of beam at random lo surface corrosion [no section loss		ve	2	17		Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion	and section loss		4	96	96	Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	rrosion [no section lo	ss noted]	3	35	3	5 Square Fee

Spa	ın 1	Beam 4 No	ear Bearing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other	Bearings	1	0	0	1	0	Each
515	Steel F	Protective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
316	Connection	[PAR] North anchor bolt missing			3	1		1 Each
316	Corrosion	active corrosion with section loss [up to 1/16in]			3			1 Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	orrosion		4	1		1 Square Feet
	<b>General Comments</b>							

Span 1	Beam 4 Far Bearing
Other Bearing	

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 Coating	1	0	0	1	0 Square Feet

Elemen Numbe	Dotoct Typo	Defect Description	cs	CS Qty	Maint Qty
316	Corrosion	active surface corrosion [no section loss noted]	2	1	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corrosion	3	1	1 Square Feet

Spa	ın 1	Beam 5						
Plat	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	oen Girder/Beam	36	0	16	20	0	Feet
515	Steel Pro	otective Coating	192	64	0	32	96	Square Feet
Elemen Numbe	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
107	Corrosion		[PAR] at near end, active corrosion with section loss; bottom flange [20in x full width - avg rem 3/8in], lower web [18in x 4in - avg rem 1/4in]				2	2 Feet
107	Corrosion	at far end, active corrosion with sec x full width - avg rem 0.41in], lower rem 5/16in]	·	0 .	3	18	18	3 Feet
107	Corrosion	along length of beam at random loo surface corrosion [no section loss r		ive	2	16		Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion a	nd section loss		4	96	96	Square Feet
			rosion [no section lo		3	32	20	2 Square Feet

Spa	an 1	Beam 5 Ne	ar Bearing					
Oth	ner Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Eleme	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active corrosion with section loss [u	ıp to 1/16in]		3	1		1 Each
515	15 Effectiveness (Steel paint failure with active corrosio Protective Coatings)		nd section loss		4	1		1 Square Feet
	<b>General Comments</b>							

Spa	an 1	Beam 5 Far	Beam 5 Far Bearing						
Oth	ner Bearing								
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
316	Othe	er Bearings	1	0	1	0	0	Each	
515	Stee	el Protective Coating	1	0	0	1	0	Square Feet	
Eleme	Dofoct Typo	Defect Descri	ription		cs	CS Qty	Maint Qty		
316	Corrosion	active surface corrosion [no section	loss noted]		2	1		Each	
515	515 Effectiveness (Steel paint failure with act Protective Coatings)		ive surface corrosion		3	1		1 Square Feet	
	General Comment	s							

Spa	n 1	Beam 6						
Plat	e Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	36	0	11	25	0 1	-eet
515	Steel Pro	otective Coating	192	72	0	24	96	Square Feet
lemen lumbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
107	Corrosion	[PAR] at near end, active corrosio bottom flange [up to 36in x up to 4 [30in x up to 3 in - avg rem 1/4in]			3	3	3	Feet
107	Corrosion	along length of top and bottom fla with section loss [up to 1/16in loss			3	12	12	Feet
107	Corrosion	at far end, active corrosion with se full width - avg rem 7/16in], botton - avg rem 0.42in], lower web [up to	n flange [10ft x up to fo	ull width	3	10	10	Feet
107	Corrosion	along length of beam at random lo surface corrosion [no section loss		/e	2	11		Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion	and section loss		4	96	96	Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	rrosion [no section los	s noted]	3	24	24	Square Feet

Spa	ın 1	Beam 6 No	ear Bearing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Connection	[PAR] North anchor bolt missing			3	1		1 Each
316	Corrosion	active corrosion with section loss [	up to 1/16in]		3			1 Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion a	and section loss		4	1	,	1 Square Feet
	<b>General Comments</b>							

Span 1	Beam 6 Far Bearing

Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0 Each	
515	Steel Pi	rotective Coating	1	0	0	1	0 Square	Feet
Elemer Numbe	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no sectio	n loss noted]		2	1	Each	
515	Effectiveness (Steel	paint failure with active surface cor	rosion		3	1	1 Squa	re Feet

Protective Coatings)
General Comments

Spa	ın 1	Beam 7						
Plat	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	36	0	23	13	0 1	Feet
515	Steel Pro	otective Coating	192	50	0	46	96	Square Feet
	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
107	Corrosion	[PAR] bottom flange at near end, loss [up to 30in x up to full width - down to 1/4in at edges]			3	3	3	Feet .
107	Corrosion	at far end, active corrosion with se flange [10ft x full width - avg rem 7	· •	tom	3	10	10	) Feet
107	Corrosion	along length of beam at random lo surface corrosion [no section loss	*	е	2	23		Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion	and section loss		4	96	96	Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	rrosion [no section loss	s noted]	3	46	46	Square Feet

Span	1	Beam 7 Ne	ear Bearing					
Other	Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
<b>316</b> C	Corrosion	active corrosion with section loss [	up to 1/8in]		3	1	•	1 Each
	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion a	and section loss		4	1		1 Square Feet
Ge	eneral Comments							

Spa	n 1	Beam 7 Fai	· Bearing					
Oth	er Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corn	rosion		3	1		1 Square Feet
-	General Comments							

n 1	Beam 8						
e Girder							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Op	oen Girder/Beam	36	0	22	14	0	Feet
Steel Pro	otective Coating	192	52	0	44	96	Square Feet
Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
Corrosion				3	1	1	Feet
Corrosion	bottom flange [9ft x up to full width	- avg rem 7/16in], lov		3	9	9	) Feet
Corrosion				3	4	4	Feet
Corrosion			ve	2	22		Feet
Effectiveness (Steel Protective Coatings)	paint failure with active corrosion a	nd section loss		4	96	96	Square Feet
Effectiveness (Steel Protective Coatings)	paint failure with active surface cor	rosion [no section los	ss noted]	3	44	44	Square Feet
	ment steel Op Steel Op Steel Protective Coatings) Effectiveness (Steel	The Girder  The ment steel Open Girder/Beam Steel Open Girder/Beam Steel Protective Coating  The corrosion [PAR] at near end, active corrosion flange [22in x full width - avg rem 1 2-1/2in - avg rem 1/4in]  Corrosion 2ft from far end, active corrosion w bottom flange [9ft x up to full width [up to 3ft x up to 4in - avg rem 5/16]  Corrosion along length of top and bottom flan with section loss [up to 1/16in loss corrosion along length of beam at random los surface corrosion [no section loss in paint failure with active corrosion a paint failure with active surface corrosion appaint failure with active surface corrosion and paint failure with activ	ment Element Name Qty Steel Open Girder/Beam 36 Steel Protective Coating 192  Total Qty Steel Open Girder/Beam 36 Steel Protective Coating 192  Total Qty Steel Open Girder/Beam 36 Steel Protective Coating 192  Total Qty Steel Open Girder/Beam 36 Steel Protective Coating 192  Total Qty Steel Open Girder/Beam 36 Steel Protective Coating 192  Total Qty Steel Open Girder/Beam 36 Steel Protective Coating 192  Total Qty Steel Open Girder/Beam 36 Steel Protective Coating 192  Total Qty Steel Open Girder/Beam 36 Steel Open Girder/Steel Open Girder/Steel Open Girder/Steel Open Girder/Steel Op	ment Element Name Qty Qty Steel Open Girder/Beam 36 0 Steel Protective Coating 192 52  Tournament Element Name Qty Qty Steel Open Girder/Beam 36 0 Steel Protective Coating 192 52  Tournament Element Name Qty Qty Steel Open Girder/Beam 36 0  Steel Protective Coating 192 52  Tournament Element Name Qty Qty Steel Open Girder/Beam 36 0  Steel Protective Coating 192 52  Tournament Element Name Qty Qty Steel Open Girder/Beam 36 0  Steel Protective Coating 192 52  Tournament Element Name Qty Qty Steel Open Girder/Beam 36 0  Steel Protective Coating 192 52  Tournament Element Name Qty Qty Steel Open Girder/Beam 36 0  Steel Protective Coating 192 52  Tournament Element Name Qty Qty Steel Open Girder/Beam 36 0  Steel Protective Coating 192 52  Tournament Element Name Qty Qty Steel Open Girder/Beam 36 0  Steel Protective Coating 192 52  Tournament Element Name Qty Qty Steel Open Girder/Beam 36 0  Steel Open	ment Element Name Qty Qty Qty Steel Open Girder/Beam 36 0 22 Steel Protective Coating 192 52 0  Total CS1 CS2 Qty Qty Qty Steel Open Girder/Beam 36 0 22  Steel Protective Coating 192 52 0  Total CS1 CS2 Qty Qty Qty Steel Protective Coating 192 52 0  Total CS1 CS2 Steel Protective Coating 192 52 0  Total CS1 CS2 Steel Protective Coating 192 52 0  Total CS1 CS2 Steel Protective Coating 192 52 0  Total CS1 CS2 Steel Protective Coating 192 52 0  Total CS2 CS2 Steel Protective Coating 192 52 0  Total CS3 CS2 Steel Protective Coating 192 52 0  Total CS3 CS3 CS4 CS3 CS4	ment Element Name Qty	ment Element Name Qty

Spa	an 1	Beam 8 Ne	ar Bearing					
Oth	ner Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Eleme	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active corrosion with section loss [u	ıp to 1/8in]		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion a	nd section loss		4	1		1 Square Feet
	General Comments							

Spa	an 1		Beam 8 Far Bearin	g					
Oth	ner Bearing								
	ement mber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Otl	ner Bearings		1	0	1	0	0	Each
515	Ste	eel Protective Coating		1	0	0	1	0	Square Feet
Eleme Numb	Dofoct Typ	e	Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	active surface corros	sion [no section loss note	ed]		2	1		Each
515	Effectiveness (St Protective Coatin		ive surface corrosion			3	1		1 Square Feet
	General Commer	nts							

Spa	n 1	Beam 9						
Plat	e Girder							
Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	36	0	23	13	0	Feet
515	Steel Pro	otective Coating	192	52	0	44	96	Square Feet
Elemen Numbe	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
107	Corrosion	[PAR] at near end, active corrosior flange [18in x full width - avg rem 08in - avg rem 1/4in]	,		3	2	2	? Feet
107	Corrosion	along length of top and bottom flar with section loss [up to 1/16in loss			3	6	6	6 Feet
107	Corrosion	top and bottom flanges at 6 ft from section loss [5ft x up to full width -		sion with	3	5	5	5 Feet
107	Corrosion	along length of beam at random lo surface corrosion [no section loss	·	ve	2	22		Feet
107	Distortion	South bottom flange at 2ft from inte [6in x 1/4in]	erior diaphragm, disto	ortion	2	1		Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion a	and section loss		4	96	96	Square Feet
515	Effectiveness (Steel	paint failure with active surface cor	rosion [no section los	ss noted]	3	44	44	Square Feet

Spa	an 1	Beam 9	Near Bearing					
Oth	ner Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Oth	ner Bearings	1	0	0	1	0	Each
515	Ste	el Protective Coating	1	0	0	0	1	Square Feet
Eleme	Dofoot Typ	e Defect D	escription		CS	CS Qty	Maint Qty	
316	Connection	[PAR] North anchor bolt nut mis fully embedded	sing, [1/8in loss] on bol	t and not	3	1		I Each
515	Effectiveness (St Protective Coatin		n and section loss		4	1	•	I Square Feet
	General Commen	ts						

າ 1	Beam 9 Fa	ar Bearing					
r Bearing							
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other Be	earings	1	0	1	0	0	Each
Steel Pro	otective Coating	1	0	0	1	0	Square Feet
Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
Corrosion	active surface corrosion [no section	on loss noted]		2	1	•	Each
Effectiveness (Steel Protective Coatings)	paint failure with active surface co	rrosion		3	1		1 Square Fee
	ent ber Other Be Steel Pr  Defect Type Corrosion Effectiveness (Steel	ent ber Element Name Other Bearings Steel Protective Coating  Defect Type Defect Des Corrosion active surface corrosion [no section se	r Bearing  ent Element Name Qty Other Bearings 1 Steel Protective Coating 1  Defect Type Defect Description  Corrosion active surface corrosion [no section loss noted]  Effectiveness (Steel paint failure with active surface corrosion	r Bearing  ent Element Name Qty Qty Other Bearings 1 0 Steel Protective Coating 1 0  Defect Type Defect Description  Corrosion active surface corrosion [no section loss noted]  Effectiveness (Steel paint failure with active surface corrosion	r Bearing  ent Element Name Otty Qty Qty Other Bearings 1 0 1 Steel Protective Coating 1 0 0  Defect Type Defect Description CS  Corrosion active surface corrosion [no section loss noted] 2  Effectiveness (Steel paint failure with active surface corrosion 3	r Bearing  ent Element Name Total CS1 CS2 CS3 Otty Other Bearings 1 0 1 0 Steel Protective Coating 1 0 0 1  Defect Type Defect Description CS CS Qty  Corrosion active surface corrosion [no section loss noted] 2 1  Effectiveness (Steel paint failure with active surface corrosion 3 1	r Bearing  ent Element Name Qty

Spa	n 1	Beam 10						
Plat	e Girder							
	ment nber Steel Op	Element Name pen Girder/Beam	Total Qty 36	CS1 Qty 0	CS2 Qty	<b>CS3 Qty</b> 36	CS4 Qty 0 F	-eet
515	Steel Pro	otective Coating	192	57	0	0	135 \$	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
107			p to 68in x 6in - avg r	em	3	28	28	Feet
107	Corrosion	along top and bottom flange, active [up to full width - avg rem 7/16in]	e corrosion with section	on loss	3	8	8	Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion a	and section loss		4	135	135	Square Feet

Spa	an 1	Beam 10 N	ear Bearing					
Oth	ner Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Eleme	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active corrosion with section loss [u	ıp to 1/16in]		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion a	nd section loss		4	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 1	Beam 10 Fa	ar Bearing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corn	rosion		3	1		1 Square Feet
	<b>General Comments</b>							

Spar Timb	n 2 oer Deck	Deck						
Elem Num		Element Name Deck	Total Qty 843	<b>CS1 Qty</b> 763	CS2 Qty	CS3 Qty	CS4 Qty	
Element Number	Dofoot Typo	Defect Descri	iption		cs	CS Qty	Maint Qty	<u>'</u>
31	Decay/Section Loss	throughout edge of deck at North and South ends, areas of decay/surface softness in end of deck boards [up to full width full height x up to 1in deep probe] with vegetation/moss growth						Square Feet
-	General Comments			3 -				

Spa	n 2	Wearing Sเ	ırface					
Asp	halt Wearing Sur	face						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	g Surface	805	405	0	400	0 S	quare Feet
lemen lumbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	scattered throughout at random, mowidth x up to 1/4in)	ultiple transverse cra	acks (full	3	400	400	Square Feet

Span 2		Left Brido	ge Rail					
Timber	Rail							
Elemen Numbe	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber	Bridge Railing	35	0	35	0	0 Feet	
Element Number	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
<b>332</b> Ch	eck/Shake	top board and curb, checks (full le	ength x up to 1/4in)		2	35	Feet	

**General Comments** 

Span 2		Right Brid	ge Rail						
Timber Rai	I								
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
332	Timber	Bridge Railing	35	0	35	0	0 Feet		
Element Number De	fect Type	Defect Des	cription		cs	CS Qty	Maint Qty		
332 Check/S	Shake	top board and curb, checks (full le	ngth x up to 1/4in)		2	35	Feet		

Span	2	Beam 1						
Plate	Girder							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Feet Square Feet
107	Steel Op	en Girder/Beam	35	0	0	35	0 1	-eet
515	Steel Pr	otective Coating	192	57	0	0	135	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
<b>107</b> C	Corrosion	[PAR] along length active corrosion bottom flange [up to 15ft x full width flange at midspan [10ft x full width down to 1/8in], lower web along len avg rem 1/4in], lower web at midspa 3/16in], web at rail connections [up 1/4in]	avg rem 3/8in], bo avg rem 1/4in, with gth [up to 15ft x up tan an [10ft x 4in - avg re	ottom edges to 9in - em	3	35	35	Feet
	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion ar	nd section loss		4	135	135	Square Feet
Ge	eneral Comments							

Spa	ın 2			Beam 2						
Plat	te Girder									
	ment nber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel O	pen Girder/Beam		35	0	11	24	0	Feet
515		Steel P	rotective Coating		192	74	0	22	96	Square Feet
Elemen	Dofoct	Туре		Defect Description			cs	CS Qty	Maint Qty	
107	Corrosion			ctive corrosion with sec up to full width - avg re n - avg rem 5/16in]	,	•	3	12	12	2 Feet
107	Corrosion			nd bottom flange, areas to 1/16in loss - full sect			3	8	8	B Feet

Structure	Number: <u>480166</u>			Inspe	ction D	ate: <b>05/27/2020</b>
107	Corrosion	near midspan, active corrosion with section loss; top and bottom flange [4ft x full width - avg rem 7/16in], lower web [3ft x 2in - avg rem 5/16in]	3	4	4	Feet
107	Corrosion	along length of beam at random locations, areas of active surface corrosion [no section loss noted]	2	11		Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion and section loss	4	96	96	Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corrosion [no section loss noted]	3	22	22	Square Feet
	<b>General Comments</b>					

Sna	an 2		Beam 3						
•	te Girder		20						
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Op	oen Girder/Beam	35	0	16	19	0	Feet
515		Steel Pr	otective Coating	192	64	0	32	96	Square Feet
lemei lumbe	Dofoot T	уре	Defect Desc	ription		cs	CS Qty	Maint Qty	
107	Corrosion		along length of top and bottom flang with section loss [up to 1/16in loss	•		3	5	5	Feet .
107	Corrosion		at near end, near third, and midspa section loss; bottom flange [up to 8 7/16in]	*		3	14	14	Feet
107	Corrosion		along length of beam at random loc surface corrosion [no section loss r		ve	2	16		Feet
515	Effectiveness Protective Coa	`	paint failure with active corrosion a	nd section loss		4	96	96	Square Feet
515	Effectiveness Protective Coa		paint failure with active surface corn	rosion [no section los	ss noted]	3	32	32	Square Feet
	General Comm	nents							

Span 2	Beam 4						
Plate Girder							
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107 Steel C	pen Girder/Beam	35	0	20	15	0	Feet
515 Steel P	rotective Coating	192	56	0	40	96	Square Feet
Element Number Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
<b>107</b> Corrosion	[PAR] near midspan, active corrosion flange [up to 42in x up to full width - a [16in x 2in - avg rem 1/4in]			3	4	•	4 Feet
<b>107</b> Corrosion	along length of top and bottom flange with section loss [up to 1/16in loss - f	·		3	11	1	1 Feet
<b>107</b> Corrosion	along length of beam at random local surface corrosion [no section loss no		е	2	20		Feet
515 Effectiveness (Steel Protective Coatings)	paint failure with active corrosion and	section loss		4	96	90	6 Square Feet
515 Effectiveness (Steel Protective Coatings)	paint failure with active surface corro	sion [no section los	s noted]	3	40	40	O Square Feet
General Comments							

							•	
Span 2		Beam 5						
Plate Girder								
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open G	irder/Beam	35	0	21	14	0 F	eet
515	Steel Protecti	ve Coating	192	54	0	42	96 S	Square Feet
Element Number Defect T	уре	Defect Des	scription		cs	CS Qty	Maint Qty	
107 Corrosion		ng length of top and bottom fla n section loss [up to 1/16in los	•		3	14	14	Feet
107 Corrosion		ng length of beam at random le face corrosion [no section loss	·	re .	2	21		Feet
515 Effectiveness Protective Coa	` '	nt failure with active corrosion	and section loss		4	96	96	Square Feet
515 Effectiveness Protective Coa	` '	nt failure with active surface co	orrosion [no section los	s noted]	3	42	42	Square Feet
General Comm								

e Girder	Beam 6						
ment nber	Element Name pen Girder/Beam	Total Qty 35	CS1 Qty	CS2 Qty	<b>CS3 Qty</b> 35	CS4 Qty 0 F	Feet
Steel Pr	otective Coating	192	96	0	0	96 \$	Square Feet
t Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
Corrosion				3	8	8	Feet
Corrosion	bottom flange [35ft x up to full widt	h -avg rem 7/16in, wi	th areas	3	27	27	Feet
Effectiveness (Steel Protective Coatings)	paint failure with active corrosion a	and section loss	-	4	96	96	Square Feet
1	Steel Op Steel Protect Type Corrosion  Effectiveness (Steel	nent her Steel Open Girder/Beam Steel Protective Coating  t Defect Type Defect Deser Corrosion [PAR] at far end, active corrosion of flange [up to 8ft x full width - avg re up to 2in - avg rem 1/4in]  Corrosion along far 2/3rds, active corrosion of bottom flange [35ft x up to full width down to 3/8in], lower web [up to 8ft paint failure with active corrosion and p	nent her Element Name Qty Steel Open Girder/Beam 35 Steel Protective Coating 192  Total Qty Steel Open Girder/Beam 35 Steel Protective Coating 192  Total Qty Steel Protective Coating 192  Defect Description  [PAR] at far end, active corrosion with section loss; bott flange [up to 8ft x full width - avg rem 3/8in], lower web up to 2in - avg rem 1/4in]  Corrosion along far 2/3rds, active corrosion with section loss; top a bottom flange [35ft x up to full width -avg rem 7/16in, widown to 3/8in], lower web [up to 8ft x up to 4in - avg rem Protective Coatings)	renet heber Element Name Qty Qty Steel Open Girder/Beam 35 0 Steel Protective Coating 192 96  Tournsion [PAR] at far end, active corrosion with section loss; bottom flange [up to 8ft x full width - avg rem 3/8in], lower web [12ft x up to 2in - avg rem 1/4in]  Corrosion along far 2/3rds, active corrosion with section loss; top and bottom flange [35ft x up to full width -avg rem 7/16in, with areas down to 3/8in], lower web [up to 8ft x up to 4in - avg rem 5/16in]  Effectiveness (Steel Protective Coatings)	renert neber Relement Name Steel Open Girder/Beam Steel Protective Coating  Total CS1 Qty Qty Qty Qty Steel Open Girder/Beam Steel Protective Coating  Total CS1 Qty Qty Qty Steel Protective Coating Steel Protective Coating  Total CS1 CS2 Qty Qty Steel Protective Coating  Total CS1 CS2 Qty Qty Steel Protective Coating  Total CS1 CS2 Qty Qty Steel Protective Coating  Defect Description  CS  Corrosion  [PAR] at far end, active corrosion with section loss; bottom flange [up to 8ft x full width - avg rem 3/8in], lower web [12ft x up to 2in - avg rem 1/4in]  Corrosion  along far 2/3rds, active corrosion with section loss; top and bottom flange [35ft x up to full width -avg rem 7/16in, with areas down to 3/8in], lower web [up to 8ft x up to 4in - avg rem 5/16in]  Effectiveness (Steel Protective Coatings)	nent her Element Name Steel Open Girder/Beam Steel Protective Coating  Steel Protective Coating  Defect Description  CS CS Qty  Corrosion  [PAR] at far end, active corrosion with section loss; bottom flange [up to 8ft x full width - avg rem 3/8in], lower web [12ft x up to 2in - avg rem 1/4in]  Corrosion  along far 2/3rds, active corrosion with section loss; top and bottom flange [35ft x up to full width -avg rem 7/16in, with areas down to 3/8in], lower web [up to 8ft x up to 4in - avg rem 5/16in]  Effectiveness (Steel Protective Coatings)	nent her Element Name Steel Open Girder/Beam Steel Protective Coating  Total CS1 CS2 CS3 CS4 Qty

Span	2	Beam 7						
Plate	Girder							
Eleme Numb	per	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	F
107	Steel Op	en Girder/Beam	35	0	24	11	0	Feet
515	Steel Pro	otective Coating	192	48	0	48	96	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
<b>107</b> C	Corrosion	[PAR] near midspan, active corrosi flange [up to 6ft x full width - avg re 5ft x 2in - avg rem 5/16in]			3	11	11	Feet
<b>107</b> C	Corrosion	along length of beam at random los surface corrosion [no section loss r	*	/e	2	24		Feet
	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion a	nd section loss		4	96	96	Square Feet
	Effectiveness (Steel Protective Coatings)	paint failure with active surface cor	rosion [no section los	s noted]	3	48	48	3 Square Feet
G	eneral Comments							

Jii actare i	10111ber. <u>400100</u>					1118	specifion E	ate. <u>03/21/2020</u>
Spa	n 2	Beam 8						
Plate	e Girder							
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	35	0	2	33	0 F	eet
515	Steel Pro	otective Coating	192	92	0	4	96 S	Square Feet
Elemen	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
107	Corrosion		AR] at 2ft from far end, active corrosion with section loss, uth bottom flange [16in x 4in - avg rem 3/8in], lower web in x up to 2in - avg rem 1/4inl			3	3	Feet
107	Corrosion	[PAR] near midspan, active corros bottom flange [63in x full width - avalong length [up to 59in x up to 4in	/g rem 3/8in], lower w		3	19	19	Feet
107	Corrosion	along length of top and bottom flar with section loss [up to 1/16in loss		orrosion	3	11	11	Feet
107	Corrosion	along length of beam at random lo surface corrosion [no section loss		re	2	2		Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion a	and section loss		4	96	96	Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	failure with active surface corrosion [no section loss note			4	4	Square Feet
-	General Comments							

Spa	an 2	Beam 9						
Pla	te Girder							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	35	0	4	31	0 F	eet
515	Steel Pro	otective Coating	192	88	0	8	96 \$	Square Feet
Elemei Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
107	Corrosion	[PAR] at midspan, active corrosion flange [2ft x full width - avg rem 3/8 avg rem 1/4in]	·		3	3	3	Feet
107	Corrosion	along length of top and bottom flang with section loss [up to 1/16in loss	•		3	28	28	Feet
107	Corrosion	along length of beam at random loc surface corrosion [no section loss n	·	ve	2	4		Feet
515	Effectiveness (Steel	paint failure and active corrosion ar	nd section loss		4	96	96	Square Feet
313	Protective Coatings)							

Span 2		Beam 10						
Plate Gi	rder							
Element Number 107	Steel O	Element Name pen Girder/Beam	Total Qty 35	CS1 Qty 0	CS2 Qty		CS4 Qty 0 Fee	t
515	Steel P	rotective Coating	192	57	0	0	135 Squ	are Feet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
bottom flange [full le down to 1/8in], lowe		[PAR] along length, active corrosic bottom flange [full length x full wid down to 1/8in], lower web & web a up to 14in - avg rem 1/4in]	th - avg rem 0.34, wit	h areas	3	35	35 F	eet

4

135 Square Feet

515 Effectiveness (Steel paint failure with active corrosion and section loss Protective Coatings)

Spa	an 2	Beam 1 Ne	ar Bearing					
Oth	ner Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	1	0	Square Feet
Eleme	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	n loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface cor	rosion		3	1		1 Square Feet
	<b>General Comments</b>							

Spa	an 2	Beam 1 Far	Bearing					
Oth	ner Bearing							
	ement Imber Other	Element Name Bearings	Total Qty 1	<b>CS1</b> <b>Qty</b> 0	CS2 Qty	<b>CS3 Qty</b> 0	<b>CS4</b> <b>Qty</b> 0	
515	Steel	Protective Coating	1	0	0	1	0	Square Feet
Eleme Numb	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1		Each
515	Effectiveness (Stee Protective Coatings	•	rosion		3	1		1 Square Feet
	<b>General Comments</b>							

Spa		Beam 2 Nea	r Bearing					
Eler	er Bearing ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bo	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Defect Tyme	Defect Descri	ption		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1	•	Each
	Effectiveness (Steel Protective Coatings)	paint failure with active surface corro	osion		3	1		1 Square Feet
•	General Comments							

Spa	nn 2	Beam 2 Fa	r Bearing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pi	rotective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	n loss noted]		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface cor	rosion		3	1		1 Square Feet
	General Comments							

Spa	an 2	Beam 3 Nea	ar Bearing					
Oth	ner Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other	Bearings	1	0	1	0	0	Each
515	Steel I	Protective Coating	1	0	0	1	0	Square Feet
Eleme	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corr	osion		3	1		1 Square Feet
	<b>General Comments</b>							

Spa	an 2	Beam 3 Far	Bearing					
Oth	ner Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemei Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corr	osion		3	1		1 Square Feet
	<b>General Comments</b>							

Spai	n 2	Beam 4 N	lear Bearing					
Othe	er Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Element Number	Dofoct Typo	Defect De	scription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no secti	ion loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface c	orrosion		3	1		1 Square Feet

Spa	an 2	Beam 4 Fa	r Bearing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	searings	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	n loss noted]		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface cor	rosion		3	1		1 Square Feet
	<b>General Comments</b>							

Spa	ın 2	Beam 5 Ne	ear Bearing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
lemen lumbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no sectio	n loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface con	rrosion		3	1		1 Square Feet
	General Comments							

Spa	n 2	Beam 5 Fa	r Bearing					
Oth	er Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no sectio	n loss noted]		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface cor	rosion		3	1		1 Square Feet
-	General Comments							

Span 2		Beam 6 Near Bea	aring	Beam 6 Near 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>480166</u>			Insp	ection Date: <u>05/27/2020</u>
316	Corrosion	active surface corrosion [no section loss noted]	2	1	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corrosion	3	1	1 Square Feet
	General Comments				

Spa	n 2	Beam 6 Far	Bearing					
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bo	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descri	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corr	osion		3	1		1 Square Feet
-	General Comments							

Spar	n 2	Beam 7 Nea	ar Bearing					
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Element Number	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1		Each
	Effectiveness (Steel Protective Coatings)	paint failure with active surface corr	rosion		3	1		1 Square Feet
G	General Comments							

Spa	n 2	Beam 7 F	ar Bearing					
Othe	er Bearing							
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Number	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no secti	on loss noted]		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface of	orrosion		3	1		1 Square Feet

ın 2	Beam 8 Ne	ar Bearing					
er Bearing							
ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other Be	arings	1	0	1	0	0	Each
Steel Pro	tective Coating	1	0	0	1	0	Square Feet
t r Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
Corrosion	active surface corrosion [no sectio	n loss noted]		2	1	-	Each
Effectiveness (Steel Protective Coatings)	paint failure with active surface con	rrosion		3	1		1 Square Feet
1	or Bearing  Other Be Steel Pro  t Defect Type  Corrosion  Effectiveness (Steel	nent Defect Type Defect Description Corrosion active surface corrosion [no section Defect Description of the content of the corrosion active surface corrosion [no section Defect Description of the corrosion of	Per Bearing  Intent Element Name Qty Other Bearings 1 Steel Protective Coating 1  Total Qty Other Bearings 1  Steel Protective Coating 1  Total Qty Other Bearings 1  Steel Protective Coating 1  Effect Type Defect Description Corrosion active surface corrosion [no section loss noted]  Effectiveness (Steel paint failure with active surface corrosion	nent Element Name Qty Qty Other Bearings 1 0 Steel Protective Coating 1 0  t Defect Type Defect Description Corrosion active surface corrosion [no section loss noted]  Effectiveness (Steel paint failure with active surface corrosion	nent Element Name Qty Qty Qty Other Bearings 1 0 1 Steel Protective Coating 1 0 0  t Defect Type Defect Description CS Corrosion active surface corrosion [no section loss noted] 2  Effectiveness (Steel paint failure with active surface corrosion 3	nent Element Name Qty	rer Bearing  Total CS1 CS2 CS3 CS4 riber Element Name Qty Qty Qty Qty Qty Qty Other Bearings 1 0 1 0 0 Steel Protective Coating 1 0 0 1 0  Total CS1 CS2 CS3 CS4 Qty Qty Qty Qty Qty Qty Other Bearings 1 0 1 0 0 0  Steel Protective Coating 1 0 0 1 0  Total CS1 CS2 CS3 CS4 Qty

Spa Oth	n 2 er Bearing	Beam 8 Far	Bearing					
Elei	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corn	rosion		3	1		1 Square Feet
	General Comments							

Spa	an 2	Beam 9 Nea	ar Bearing					
Oth	ner Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	1	0	0	1	0	Square Feet
Elemei Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corr	rosion		3	1		1 Square Feet
	General Comments							

Spai	Span 2		ar Bearing					
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bo	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Element Number	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	on loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	orrosion		3	1		1 Square Feet

Spa	an 2		Beam 10 Ne	ear Bearing					
Oth	ner Bearing								
	ement mber	Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	C	Other Bearings		1	0	1	0	0	Each
515	S	Steel Protective Coati	ng	1	0	0	1	0	Square Feet
Eleme	Dofoot Ty	уре	Defect Desci	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surfa	ce corrosion [no section	loss noted]		2	1	-	Each
515	Effectiveness (		with active surface corr	osion		3	1		1 Square Feet
	General Comme	ents							

Spa	an 2	Beam 10 Fa	r Bearing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemei Numbe	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corre	osion		3	1		1 Square Feet
	<b>General Comments</b>							

Spar	n 3	Deck						
Timb	oer Deck							
Elem Num	. •	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
31	Timber	Deck	867	787	80	0	0	Square Feet
Element Number	Dofoot Typo	Defect Descr	iption		CS	CS Qty	Maint Qty	
31	Decay/Section Loss	throughout edge of deck at North ar decay/surface softness in end of de full height x up to 1in deep probe] w	ck boards [up to ful	I width x	2	80		Square Feet
(	General Comments	- · · · · · · · · · · · · · · · · · · ·		-				

Span 3		Left Bridg	e Rail					
Timber Ra	ail							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber	Bridge Railing	36	0	36	0	0 Feet	
lement umber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
332 Check	/Shake	top board and curb, checks (full le	nath x up to 1/4in)		2	36	Feet	

Spa	n 3	Right Brid	dge Rail					
Timl	ber Rail							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timbe	r Bridge Railing	36	0	36	0	0 Feet	
Element Number	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
332	Check/Shake	top board and curb, checks (full I	ength x up to 1/4in)		2	36	Feet	

**General Comments** 

3	Beam 1						
Girder							
ent er Steel Op	Element Name en Girder/Beam	Total Qty 36	CS1 Qty 0	CS2 Qty	<b>CS3</b> <b>Qty</b> 36	CS4 Qty 0 F	-eet
Steel Pro	otective Coating	192	57	0	0	135	Square Feet
Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
Corrosion	bottom flange [full length x up to fedge down to 1/8in], lower and ar	ull width - avg rem 0.3 eas of upper web [16f	4in, t x up to	3	36	36	Feet
Effectiveness (Steel Protective Coatings)	paint failure with active corrosion	and section loss		4	135	135	Square Feet
	Girder  nt er  Steel Op Steel Pro  Defect Type  Corrosion  ffectiveness (Steel	rit er Element Name Steel Open Girder/Beam Steel Protective Coating  Defect Type Defect Type Defect Description  [PAR] along length, active corrosi bottom flange [full length x up to fedge down to 1/8in], lower and ar 5in - avg rem 1/4in], web at rail a diameter - avg rem 5/16in]  ffectiveness (Steel paint failure with active corrosion	rit Element Name Qty Steel Open Girder/Beam 36 Steel Protective Coating 192  Defect Type Defect Description  Forrosion [PAR] along length, active corrosion with section loss; to bottom flange [full length x up to full width - avg rem 0.3 edge down to 1/8in], lower and areas of upper web [16f 5in - avg rem 1/4in], web at rail attachments [up to 12ir diameter - avg rem 5/16in]  ffectiveness (Steel paint failure with active corrosion and section loss	Total CS1 er Element Name Qty Qty Steel Open Girder/Beam 36 0 Steel Protective Coating 192 57  Defect Type Defect Description  Forrosion [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 0.34in, edge down to 1/8in], lower and areas of upper web [16ft x up to 5in - avg rem 1/4in], web at rail attachments [up to 12in diameter - avg rem 5/16in]  ffectiveness (Steel paint failure with active corrosion and section loss	Total CS1 CS2 er Element Name Qty Qty Qty Steel Open Girder/Beam 36 0 0 Steel Protective Coating 192 57 0  Defect Type Defect Description CS  Forrosion [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 0.34in, edge down to 1/8in], lower and areas of upper web [16ft x up to 5in - avg rem 1/4in], web at rail attachments [up to 12in diameter - avg rem 5/16in]  ffectiveness (Steel paint failure with active corrosion and section loss 4	Total CS1 CS2 CS3 er Element Name Qty Qty Qty Qty Steel Open Girder/Beam 36 0 0 36 Steel Protective Coating 192 57 0 0  Defect Type Defect Description CS CS Qty Forrosion [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 0.34in, edge down to 1/8in], lower and areas of upper web [16ft x up to 5in - avg rem 1/4in], web at rail attachments [up to 12in diameter - avg rem 5/16in]  ffectiveness (Steel paint failure with active corrosion and section loss 4 135	Total CS1 CS2 CS3 CS4 Qty

Spa	an 3	Beam 1 Ne	ar Bearing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemei Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corn	rosion		3	1		1 Square Feet
	<b>General Comments</b>							

3	Beam 1 F	ar Bearing					
r Bearing ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other Be	earings	1	0	0	1	-	Each
Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
Corrosion	active corrosion with section loss	[up to 1/16in]		3	1	•	1 Each
Effectiveness (Steel Protective Coatings)	paint failure with active corrosion	and section loss		4	1		1 Square Feet
	Pent Other Be Steel Pro  Defect Type  Corrosion  Effectiveness (Steel	r Bearing  ent ber Element Name Other Bearings Steel Protective Coating  Defect Type Defect De Corrosion active corrosion with section loss Effectiveness (Steel paint failure with active corrosion	r Bearing  ent Element Name Qty Other Bearings 1 Steel Protective Coating 1  Defect Type Defect Description  Corrosion active corrosion with section loss [up to 1/16in]  Effectiveness (Steel paint failure with active corrosion and section loss	r Bearing  ent Element Name Qty Qty Other Bearings 1 0 Steel Protective Coating 1 0  Defect Type Defect Description  Corrosion active corrosion with section loss [up to 1/16in]  Effectiveness (Steel paint failure with active corrosion and section loss	r Bearing  ent Element Name Qty Qty Qty Other Bearings 1 0 0 Steel Protective Coating 1 0 0  Defect Type Defect Description CS  Corrosion active corrosion with section loss [up to 1/16in] 3  Effectiveness (Steel paint failure with active corrosion and section loss 4	r Bearing  ent Element Name Qty Qty Qty Qty Qty Qty Qty Other Bearings 1 0 0 1 Steel Protective Coating 1 0 0 0  Defect Type Defect Description CS CS Qty Corrosion active corrosion with section loss [up to 1/16in] 3 1  Effectiveness (Steel paint failure with active corrosion and section loss 4 1	r Bearing  ent Element Name Qty Qty Qty Qty Qty Qty Qty Qty Other Bearings 1 0 0 1 0 Steel Protective Coating 1 0 0 0 1  Defect Type Defect Description CS CS Qty Corrosion active corrosion with section loss [up to 1/16in] 3 1  Effectiveness (Steel paint failure with active corrosion and section loss 4 1

Spa	n 3	Beam 2						
Plat	e Girder							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
107	Steel 0	Open Girder/Beam	36	0	6	30	0 F	eet
515	Steel F	Protective Coating	192	84	0	12	96 \$	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
107	Corrosion	[PAR] near midspan, active corrosic flange [10ft x full width - avg rem 0.3 avg rem 5/16in]	·		3	10	10	Feet
107	Corrosion	along length of top and bottom flang with section loss [up to 1/16in loss -			3	20	20	Feet
107	Corrosion	along length of beam at random loca surface corrosion [no section loss no	,	ve	2	6		Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion an	d section loss		4	96	96	Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corre	osion [no section los	ss noted]	3	12	12	Square Feet
	General Comments							

Spa Oth	n 3 er Bearing	Beam 2 Ne	ar Bearing					
Eler Nur	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
316 515	Other Bo Steel Pr	earings otective Coating	1	0	1	0	_	Each Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corn	rosion		2	1		1 Square Feet
	General Comments							

Spa	ın 3 er Bearing	Beam 2 Fa	r Bearing					
Ele	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
316	Corrosion	active corrosion with section loss [	up to 1/16in]		3	1	•	1 Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion a	and section loss		4	1		1 Square Feet
	General Comments							

Spa	n 3	Beam 3						
Plat	e Girder							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	pen Girder/Beam	36	0	6	30	0 F	eet
515	Steel P	rotective Coating	192	84	0	12	96 S	Square Feet
Elemen Numbe	Defect Time	Defect Descri	ption		cs	CS Qty	Maint Qty	
107	Corrosion	[PAR] at 15in from near end, active corrosion with section loss; bottom flange [5ft x up to full width - avg rem 3/8in], lower web [52in x 3in - avg rem 5/16in]				5	5	Feet
107	Corrosion	[PAR] at far end, active corrosion with section loss; bottom flange [23in x up to full width - avg rem 3/8in], lower web [up to 32in x up to 5in - avg rem 5/16in]				2	2	Feet
107	Corrosion		[PAR] at midspan, active corrosion with section loss; bottom flange [up to 10ft x full width - avg rem 0.36in], lower web [up to				15	Feet
107	Corrosion	along length of top and bottom flange with section loss [up to 1/16in loss - f			3	8	8	Feet
107	Corrosion		along length of beam at random locations, areas of active surface corrosion [no section loss noted]					Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion and section loss			4	96	96	Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corro	sion [no section los	s noted]	3	12	12	Square Feet

Span 3		Beam 3 Ne	ar Bearing					
Oth	ner Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	1	0	0	1	0	Square Feet
Eleme	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corr	rosion		3	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 3	Beam 3 F	ar Bearing					
Othe	er Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	arings	1	0	0	1	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
lemen lumbei	Defeat Type	Defect De	scription		cs	CS Qty	Maint Qty	
316	Corrosion	active corrosion with section loss	[up to 1/16in]		3	1	-	1 Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion	and section loss		4	1		1 Square Feet

Spa	n 3	Beam 4						
Plate	e Girder							
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	oen Girder/Beam	36	0	12	24	0 1	Feet
515	Steel Pr	otective Coating	192	72	0	24	96	Square Feet
Elemen Number	Defect Type	Defect Descri	iption		cs	CS Qty	Maint Qty	
107	Corrosion	[PAR] at far end, active corrosion with section loss, bottom flange [up to 24in x full width - avg rem 3/8in, with areas down to 3/16in], lower web [22in x up to 4in - avg rem 1/4in]				2	2	? Feet
107	Corrosion	• •	[PAR] at near end, active corrosion with section loss; North bottom flange [4ft x 4in - avg rem 3/8in]				4	Feet
107	Corrosion	flange [up to 30in x up to full width -	[PAR] near midspan, active corrosion with section loss; top flange [up to 30in x up to full width - avg rem 5/16in], bottom flange [62in x up to full width - avg rem 7/16in]				6	Feet
107	Corrosion	along length of top and bottom flang with section loss [up to 1/16in loss -		sion	3	12	12	Preet Preet
107	Corrosion	0 0	along length of beam at random locations, areas of active surface corrosion [no section loss noted]			12		Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion and	paint failure with active corrosion and section loss			96	96	Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corro	osion [no section loss n	oted]	3	24	24	Square Feet

Spa	an 3	Beam 4 Nea	ar Bearing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corr	rosion		3	1		1 Square Feet
	<b>General Comments</b>							

Spa		Beam 4 Far	Bearing					
Elei	er Bearing ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bo	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active corrosion with section loss [u	ıp to 1/16in]		3	1	•	1 Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion ar	nd section loss		4	1		1 Square Feet
•	General Comments							

Spai	า 3	Beam 5						
Plate	e Girder							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	oen Girder/Beam	36	0	0	36	0 1	eet
515	Steel Pr	otective Coating	192	57	0	0	135	Square Feet
lement lumber	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
107	Corrosion		PAR] at far end, active corrosion with section loss, bottom lange [41in x full width - avg rem 3/8in], lower web [up to 24in x in to 4in - avg rem 5/16in]			4	4	Feet
107	Corrosion	[PAR] at near third, active corrosion flange [36in x up to full width - avg up to 3in - avg rem 1/4in]	·		3	3	3	Feet
107	Corrosion	along length at random, active corr and bottom flange [up to 8ft x up to lower web [up to 30in x 2-1/2in - av	full width - avg rem		3	18	18	Feet
107	Corrosion	along length of top and bottom flanwith section loss [up to 1/16in loss			3	11	11	Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion a	nd section loss		4	135	135	Square Feet

Spa	an 3	Beam 5 Nea	ar Bearing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Dofoct Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corn	rosion		3	1		1 Square Feet
	<b>General Comments</b>							

Spa	an 3	Beam 5 Far	Bearing					
Oth	ner Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other I	Bearings	1	0	0	1	0	Each
515	Steel F	Protective Coating	1	0	0	0	1	Square Feet
Eleme	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active corrosion with section loss [u	p to 1/16in]		3	1	-	1 Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion ar	nd section loss		4	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 3	Beam 6						
Plate	te Girder  ment Total CS1 CS2 CS3							
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	36	0	17	19	0 1	Feet
515	Steel Pro	otective Coating	192	62	0	34	96	Square Feet
lemen lumbe	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
107	Corrosion	along length of top and bottom flange, areas of active corrosion with section loss [up to 1/16in loss - full section avg rem]			3	12	12	! Feet
107	Corrosion	at far end, active corrosion with sectito 36in x up to full width - avg rem 7/- avg rem 5/16in], web at 33in from Eto 3in - avg rem 5/16in]	16in], lower web [1	4in x 2in	3	4	4	Feet
107	Corrosion	at near end, active corrosion with se [31in x up to full width - avg rem 7/16 avg rem 5/16in]	,	0	3	3	3	Feet .
107	Corrosion	along length of beam at random loca surface corrosion [no section loss no	·	ve	2	17		Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active and section	oss		4	96	96	Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corro	sion [no section los	ss noted]	3	34	34	Square Feet

Spa	n 3	Beam 6 Nea	ır Bearing					
Oth	er Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corre	osion		3	1		1 Square Feet
-	General Comments							

Spa	an 3	Beam 6 Fai	Bearing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other I	Bearings	1	0	0	1	0	Each
515	Steel F	Protective Coating	1	0	0	0	1	Square Feet
Eleme	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	active corrosion with section loss [u	p to 1/16in]		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion a	nd section loss		4	1		1 Square Feet
	<b>General Comments</b>							

Spa	n 3		Beam 7						
Plat	e Girder								
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Op	en Girder/Beam	36	0	16	20	0	Feet
515		Steel Pr	otective Coating	192	64	0	32	96	Square Feet
lemen lumbe	Dofoot	t Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
107	Corrosion		[PAR] at 18in from near end, active bottom flange [32in x up to full widt		on loss;	3	3	:	3 Feet
107	Corrosion		along length of top and bottom flan with section loss [up to 1/16in loss			3	17	17	7 Feet
107	Corrosion		along length of beam at random loo surface corrosion [no section loss r	· ·	re	2	16		Feet
515	Effectivenes Protective C	`	paint failure with active corrosion a	nd section loss		4	96	96	Square Feet
515	Effectivenes Protective C	`	paint failure with active surface cor	rosion [no section los	s noted]	3	32	32	2 Square Feet
-	Protective C General Con								

Span	n 3	Beam 7 Nea	r Bearing					
Othe	r Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Element Number	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1		Each
	Effectiveness (Steel Protective Coatings)	paint failure with active surface corro	osion		3	1		1 Square Feet
G	Seneral Comments							

Spa	n 3	Beam 7 F	ar Bearing					
Oth	er Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	0	1	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
lemen lumbe	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
316	Corrosion	active corrosion with section loss	[up to 1/16in]		3	1	-	1 Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion	and section loss		4	1		1 Square Feet

**General Comments** 

Spa	n 3	Beam 8						
Plate	e Girder							
Elen Nun		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel	Open Girder/Beam	36	0	0	36	0	Feet
515	Steel	Protective Coating	192	57	0	0	135	Square Feet
lemen lumbei	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
107	Corrosion	[PAR] at far end, active corrosion wit flange [up to 27in x full width - avg re 7ft x up to 3in - avg rem 5/16in]	·		3	7		7 Feet
107	Corrosion	along length of top and bottom flange with section loss [up to 1/16in loss - f	· ·		3	2	:	2 Feet
107	Corrosion	along length of top flange, active correlength x up to full width - avg rem 7/1		loss [full	3	17	1	7 Feet
107	Corrosion	at far half, active corrosion with section up to 4in - avg rem 5/16in]	on loss; lower web	[10ft x	3	10	10	) Feet
515	Effectiveness (Stee Protective Coatings	•	d section loss		4	135	13	5 Square Feet

General	Comment	ts
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Spa	ın 3	Beam 8 Ne	ar Bearing					
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	n loss noted]		2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface cor	rosion		3	1		1 Square Feet
	General Comments							

Spa	n 3	Beam 8 Fai	r Bearing					
Oth	er Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
lemen	Defeat Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	active corrosion with section loss [u	ıp to 1/16in]		3	1	-	1 Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion ar	nd section loss		4	1		1 Square Feet
-	General Comments							

Spa	n 3	Beam 9						
Spa	11 5	Deaill 9						
Plat	e Girder							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	36	0	8	28	0 1	-eet
515	Steel Pro	otective Coating	192	80	0	16	96	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
107	Corrosion	[PAR] at far end, active corrosion with section loss; bottom flange [up to 38in x up to full width - avg rem 3/8in], lower web [up to 19in x up to 5in - avg rem 5/16in]			3	4	4	Feet
107	Corrosion	[PAR] at near end, active corrosion velottom flange [41in x 4in - avg rem 3		1	3	4	4	Feet
107	Corrosion	[PAR] near midspan, active corrosion flange [24in x full width - avg rem 3/8 avg rem 1/4in]	,		3	2	2	Feet
107	Corrosion	along length of top and bottom flangwith section loss [up to 1/16in loss -	*	osion	3	18	18	Feet
107	Corrosion		along length of beam at random locations, areas of active surface corrosion [no section loss noted]			8		Feet
515	Effectiveness (Steel Protective Coatings)	•			4	96	96	Square Feet
515	Effectiveness (Steel	paint failure with active surface corro	sion [no section loss r	noted]	3	16	16	Square Feet

Spa	an 3	Beam 9 Nea	ar Bearing					
Oth	er Bearing							
	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 Pr	otective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Descr	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corre	osion		3	1		Square Feet
	<b>General Comments</b>							

Spa	an 3	Beam 9 Far	Bearing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel Pi	rotective Coating	1	0	0	0	1	Square Feet
Elemei Numbe	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active corrosion with section loss [u	ıp to 1/16in]		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion ar	nd section loss		4	1		1 Square Feet
	<b>General Comments</b>							

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Spa	ın 3	Beam 10						
Plat	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	oen Girder/Beam	36	0	0	36	0 F	eet
515	Steel Pr	otective Coating	192	57	0	0	135	Square Feet
Elemer Numbe	Dofoct Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
107	Corrosion	[PAR] along length, active corrosion bottom flange [full length x up to full edges down to 1/16in], lower web [furem 1/4in, with areas down to 3/16in] [12in diameter - avg rem 1/4in]	width - avg rem 1/4 Ill length x up to 4in	in, with - avg	3	36	36	Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion and	d section loss		4	135	135	Square Feet
	General Comments							

Spa	n 3	Beam 10 Ne	ear Bearing					
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bo	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descr	ription		cs	CS Qty	Maint Qty	
316	Corrosion	active surface corrosion [no section	loss noted]		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corre	osion		3	1		1 Square Feet
-	General Comments							

Spa	n 3	Beam 10	Far Bearing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	0	1	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
316	Corrosion	active corrosion with section loss	[up to 1/16in]		3	1		1 Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion	and section loss		4	1		1 Square Feet
	<b>General Comments</b>							

Spa	ın 3	Wearing S	urface				
Asp	halt Wearing Sur	face					
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearin	g Surface	828	538	260	30	0 Square Feet
Elemer	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty
510	Crack (Wearing Surface)	asphalt over end bent 2, transverse 1/2in]	e crack [full width x u	p to	3	30	30 Square Feet

Crack (Wearing Surface) throughout wearing surface, multiple transverse cracks [up to 2 260 260 Square Feet full width x up to 1/16in]

**General Comments** 

Spa	ın 3	Wearing Su	rface					
Asp	halt Wearing Su	rface						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearir	ng Surface	828	395	0	433	0 S	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descri	ption		CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	both lanes and shoulders over end b width x up to 1in)	ent 2, transverse o	crack (full	3	33	33	Square Feet
510	Crack (Wearing Surface)	scattered throughout at random, mul width x up to 1/4in)	tiple transverse cra	acks (full	3	400	400	Square Feet
	General Comments	·						

Ber	nt 1	Cap 1						
Ste	el Pier Cap							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
231	Steel Pi	er Cap	35	12	15	8	0	Feet
515	Steel Pr	otective Coating	102	73	0	15	14	Square Feet
Elemer	Defect Type	Defect Descrip	otion		cs	CS Qty	Maint Qty	
231	Corrosion	[PAR] along West face at stiffeners 2- with section loss [up to 6in x full width East face at stiffeners 1-5, 9 & 10, ac loss [8in x full width - avg rem 3/8in]	- avg rem 3/8in];	along	3	8	;	8 Feet
231	Corrosion	along length of cap at random location corrosion [no section loss noted]	ns, areas of active	surface	2	15		Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion and	section loss		4	14	1-	4 Square Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corros	sion		3	15	1:	5 Square Feet
	General Comments							

Be	nt 1	Pile 1						
Ste	el Pile							
	ement ımber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Ste	eel Pile	1	0	1	0	0 1	Each
515	Ste	el Protective Coating	20	18	0	2	0 \$	Square Feet
Eleme Numb	Dofoct Typ	e Defect De	scription		cs	CS Qty	Maint Qty	
225	Corrosion	along height of exposed pile, ran corrosion [no section loss noted]	dom areas of active su	rface	2	1		Each
515	Effectiveness (St Protective Coatin		orrosion		3	2	2	Square Feet
	General Commer	its						

Bei	nt 1		Pile 2						
Ste	el Pile								
	ement Imber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225		Steel Pile	<b>)</b>	1	0	1	0	0	Each
515		Steel Pro	tective Coating	20	18	0	2	0	Square Feet
Eleme Numb	Dofoct 1	Гуре	Defect	Description		CS	CS Qty	Maint Qty	
225	Corrosion		along height of exposed pile, is corrosion [no section loss note		ırface	2	1		Each
515	Effectiveness Protective Co		paint failure with active surface	e corrosion		3	2	:	2 Square Feet
	General Comr	nents							

Bent	t 1	Pile 3						
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	20	18	0	2	0	Square Feet
lement lumber	Dofoct Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
225	Corrosion	along height of exposed pile, rand corrosion [no section loss noted]	om areas of active su	ırface	2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	rrosion		3	2		2 Square Feet
(	General Comments							

1	Pile 4						
l Pile							
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Pil	е	1	0	1	0	0	Each
Steel Pr	otective Coating	20	18	0	2	0	Square Feet
Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
Corrosion	along height of exposed pile, rand corrosion [no section loss noted]	dom areas of active su	rface	2	1		Each
Effectiveness (Steel Protective Coatings)	paint failure with active surface co	orrosion		3	2		2 Square Feet
	Steel Pr Defect Type Corrosion Effectiveness (Steel	Pile  Steel Pile  Steel Protective Coating  Corrosion  Along height of exposed pile, rand corrosion [no section loss noted]  Effectiveness (Steel paint failure with active surface of	Interest Pile  Steel Pile  Steel Protective Coating  Defect Type  Corrosion  along height of exposed pile, random areas of active sucorrosion [no section loss noted]  Effectiveness (Steel paint failure with active surface corrosion	Interest Element Name Total CS1 and Steel Protective Coating 20 18  Corrosion along height of exposed pile, random areas of active surface corrosion [no section loss noted]  Effectiveness (Steel paint failure with active surface corrosion	Intent Blement Name Total CS1 CS2 Qty Qty Qty Steel Pile 1 0 1 0 1  Steel Protective Coating 20 18 0  Corrosion along height of exposed pile, random areas of active surface corrosion [no section loss noted]  Effectiveness (Steel paint failure with active surface corrosion 3	Intent Blement Name Total CS1 CS2 CS3 CS3 CS4 CS4 CS4 CS5 CS4 CS5 CS4 CS5 CS6	Intent Hent Blement Name Blement Name Qty

Bent 1 Steel P	مان	Pile 5						
Element Number	t r	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	•
225	Steel Pi	le	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	20	18	0	2	0	Square Feet
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
<b>225</b> Co	rrosion	along height of exposed pile, rando corrosion [no section loss noted]	om areas of active su	ırface	2	1		Each

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3

Effectiveness (Steel Protective Coatings) paint failure with active surface corrosion

**General Comments** 

Bei	nt 1	Pile 6						
Ste	el Pile							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Stee	l Pile	1	0	1	0	0	Each
515	Stee	I Protective Coating	20	18	0	2	0	Square Feet
Eleme	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
225	Corrosion	along height of exposed pile, rand corrosion [no section loss noted]	dom areas of active su	ırface	2	1		Each
515	Effectiveness (Ste Protective Coating		orrosion		3	2		2 Square Feet
	<b>General Comment</b>	<u> </u>						

End	d Bent 1	Abutment						
Rei	nforced Concrete	Abutment						
	ment mber Reinfor	Element Name ced Concrete Abutment	<b>Total</b> <b>Qty</b> 49	<b>CS1</b> <b>Qty</b> 36	CS2 Qty 0	<b>CS3</b> <b>Qty</b> 13	CS4 Qty 0 Feet	
Elemer Numbe	Dofoct Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
215	Cracking (RC and Other)	at bay 4, vertical crack [full height x 3/	/16in]		3	1	1 Feet	
215	Delamination/Spall	top of backwall at South end, spall [5f with adjacent delamination [5ft x 9in] stain			3	5	5 Feet	
215	Efflorescence/Rust Staining	at North end, multiple transverse & ve height x hairline] with rust stain	ertical cracks [up to	o full	3	7	7 Feet	
215	Cracking (RC and Other)	along length, multiple vertical cracks [	full height x hairlir	ne]	1	4	Feet	
	<b>General Comments</b>							

Ben	t 2	Cap 1						
Stee	el Pier Cap							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
231 Steel		er Cap	35	5	20	10	0	Feet
515	Steel Pr	otective Coating	102	77	0	15	10	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descr	iption		cs	CS Qty	Maint Qty	
231	Corrosion	[PAR] along West face at stiffeners with section loss [up to 6in x full wid East face at stiffeners 1, 2, & 7-9, ac loss [8in x full width - avg rem 3/8in]	th - avg rem 3/8in]; ctive corrosion with	along	3	6	-	6 Feet
231	Corrosion	along West face at stiffeners 1, 3-5, with section loss [up to 6in x full wid East face at stiffeners 3-6 & 10, acti loss [up to 6in x full width - avg rem	th - avg rem 5/16in] ve corrosion with se	; along	3	4		4 Feet
231	Corrosion	along length of cap at random locati corrosion [no section loss noted]	ons, areas of active	surface	2	20		Feet
515	Effectiveness (Steel Protective Coatings)	paint failure with active corrosion an	d section loss		4	10	1	0 Square Feet

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515 Effectiveness (Steel paint failure with active surface corrosion 3 15 15 Square Feet

Effectiveness (Steel Protective Coatings)

General Comments

Be	nt 2		Pil	e 1						
Ste	el Pile									
	ement imber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225		Steel Pile			1	0	1	0	0	Each
515		Steel Prot	ective Coating		20	18	0	2	0	Square Feet
Eleme Numb	Dofoct T	уре	D	efect Description			cs	CS Qty	Maint Qty	
225	Corrosion		along height of exposed corrosion [no section los		of active su	ırface	2	1		Each
515	Effectiveness Protective Coa		paint failure with active s	surface corrosion			3	2	2	2 Square Feet
	General Comn	nents								

<b>D</b>	- 1 0	D'I. O						
Rei	nt 2	Pile 2						
Ste	el Pile							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Stee	el Pile	1	0	1	0	0	Each
515	Stee	el Protective Coating	20	19	0	1	0	Square Feet
Eleme	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
225	Corrosion	along height of exposed pile, rand corrosion [no section loss noted]	dom areas of active su	rface	2	1		Each
515	Effectiveness (Ste Protective Coating	•	orrosion		3	1		1 Square Feet
	General Comment	s						

Ben Stee	t 2 el Pile	Pile 3						
Elen Nun	nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	1
225	Steel Pil	e	1	0	1	0	0	Each
515	Steel Pr	otective Coating	20	18	0	2	0	Square Feet
Elemen Number	Defeat Type	Defect Des	cription		cs	CS Qty	Maint Qty	
225	Corrosion	along height of exposed pile, rand- corrosion [no section loss noted]	om areas of active su	urface	2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	rrosion		3	2		2 Square Feet

**General Comments** 

Ber	nt 2	Pile 4						
Ste	el Pile							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel F	rile	1	0	1	0	0	Each
515	Steel F	rotective Coating	20	18	0	2	0	Square Feet
Elemer Numbe	Defeat Type	Defect Des	scription		cs	CS Qty	Maint Qty	
225	Corrosion	along height of exposed pile, rand corrosion [no section loss noted]	lom areas of active su	ırface	2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	orrosion		3	2		2 Square Feet
	<b>General Comments</b>							

Ben	t 2	Pile 5						
Stee	el Pile							
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pi	е	1	0	1	0	0	Each
515	Steel Pr	otective Coating	20	18	0	2	0	Square Feet
lemen lumbei	Dofoct Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
225	Corrosion	along height of exposed pile, rand corrosion [no section loss noted]	lom areas of active su	ırface	2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	rrosion		3	2		2 Square Feet
-	General Comments							

Ben Stee	nt 2 el Pile	Pile 6						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pi	e	1	0	1	0	0	Each
515	Steel Pr	otective Coating	20	18	0	2	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
225	Corrosion	along height of exposed pile, rando corrosion [no section loss noted]	m areas of active su	ırface	2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corr	osion		3	2		2 Square Feet
	General Comments							

End Bent 2		Abutment						
Reir	nforced Concrete	Abutment						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinfor	ced Concrete Abutment	49	48	1	0	0 Feet	
Elemen Numbe	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
215	Efflorescence/Rust Staining	below beam 7, vertical crack [full he efflorescence	eight x hairline] with		2	1	Feet	
215	Cracking (RC and Other)	below beam 5 & bay 2, vertical crac	ck [full height x hairli	ne]	1	2	Feet	

215 Cracking (RC and below beams 4 & 5, horizontal crack [26in x hairline] 1 3 Feet Other)

**General Comments** 

## **Elements Verfied**

Location	Name	Component	Element Name	Amount
Span 1	Deck	Timber Deck	Timber Deck	867
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 9	Plate Girder	Steel Open Girder/Beam	36
Span 1	Beam 10	Plate Girder	Steel Open Girder/Beam	36
Span 1	Left Bridge Rail	Timber Rail	Timber Bridge Railing	36
Span 1	Right Bridge Rail	Timber Rail	Timber Bridge Railing	36
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	828
Span 1	Beam 1 Far Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 1 Near Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 2 Far Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 2 Near Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 3 Far Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 3 Near Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 4 Far Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 4 Near Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 5 Far Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 5 Near Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 6 Far Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 6 Near Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 7 Far Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 7 Near Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 8 Far Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 8 Near Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 9 Far Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 9 Near Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 10 Far Bearing	Other Bearing	Other Bearings	1
Span 1	Beam 10 Near Bearing	Other Bearing	Other Bearings	1
Span 2	Deck	Timber Deck	Timber Deck	843
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 9	Plate Girder	Steel Open Girder/Beam	35
Span 2	Beam 10	Plate Girder	Steel Open Girder/Beam	35

## **Elements Verfied**

Location	Name	Component	Element Name	Amount
Span 2	Left Bridge Rail	Timber Rail	Timber Bridge Railing	35
Span 2	Right Bridge Rail	Timber Rail	Timber Bridge Railing	35
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	805
Span 2	Beam 1 Far Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 1 Near Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 2 Far Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 2 Near Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 3 Far Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 3 Near Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 4 Far Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 4 Near Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 5 Far Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 5 Near Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 6 Far Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 6 Near Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 7 Far Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 7 Near Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 8 Far Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 8 Near Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 9 Far Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 9 Near Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 10 Far Bearing	Other Bearing	Other Bearings	1
Span 2	Beam 10 Near Bearing	Other Bearing	Other Bearings	1
Span 3	Deck	Timber Deck	Timber Deck	867
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 6	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 7	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 8	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 9	Plate Girder	Steel Open Girder/Beam	36
Span 3	Beam 10	Plate Girder	Steel Open Girder/Beam	36
Span 3	Left Bridge Rail	Timber Rail	Timber Bridge Railing	36
Span 3	Right Bridge Rail	Timber Rail	Timber Bridge Railing	36
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	828
Span 3	Beam 1 Far Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 1 Near Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 2 Far Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 2 Near Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 3 Far Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 3 Near Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 4 Far Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 4 Near Bearing	Other Bearing	Other Bearings	1

## **Elements Verfied**

Location	Name	Component	Element Name	Amount
Span 3	Beam 5 Far Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 5 Near Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 6 Far Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 6 Near Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 7 Far Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 7 Near Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 8 Far Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 8 Near Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 9 Far Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 9 Near Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 10 Far Bearing	Other Bearing	Other Bearings	1
Span 3	Beam 10 Near Bearing	Other Bearing	Other Bearings	1
Bent 1	Cap 1	Steel Pier Cap	Steel Pier Cap	35
Bent 1	Pile 1	Steel Pile	Steel Pile	1
Bent 1	Pile 2	Steel Pile	Steel Pile	1
Bent 1	Pile 3	Steel Pile	Steel Pile	1
Bent 1	Pile 4	Steel Pile	Steel Pile	1
Bent 1	Pile 5	Steel Pile	Steel Pile	1
Bent 1	Pile 6	Steel Pile	Steel Pile	1
Bent 1		Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	37
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	49
Bent 2	Cap 1	Steel Pier Cap	Steel Pier Cap	35
Bent 2	Pile 1	Steel Pile	Steel Pile	1
Bent 2	Pile 2	Steel Pile	Steel Pile	1
Bent 2	Pile 3	Steel Pile	Steel Pile	1
Bent 2	Pile 4	Steel Pile	Steel Pile	1
Bent 2	Pile 5	Steel Pile	Steel Pile	1
Bent 2	Pile 6	Steel Pile	Steel Pile	1
Bent 2		Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	37
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	49

# **General Inspection Notes**

# **National Bridge and NC Inspection Items**

Structure Number: 480166 Inspection Date: 05/27/2020

#### **National Bridge Inventory Items**

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	6
Item 59: Superstructure	0 - 9 , N	4
Item 60: Substructure	0 - 9 , N	5
Item 61: Channel and Channel Protection	0 - 9 , N	7
Item 62: Culvert	0 - 9 , N	N
Item 71: Waterway Adequacy	0 - 9 , N	7
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	F	1855	3376
Drainage System	G, F, P, or C			
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C			
Scour	G, F, P, or C	G		
Wingwall	G, F, P, or C			
Field Scour Evaluation		О		
Drift	G, F, P, or C	F	12	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	F		
Superstructure Paint Code		U		

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	14
Traffic Control Time	Hours	0
Snooper Time	Hours	0
Ladder Used	YES/NO	Υ
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	Y

# National Bridge and NC SMU Inspection Item Details

Structure Number: 480166 Inspection Date: 05/27/2020

Item	Superstructure - Item 59	Grade	4	Maint Code	Qty.	0
Details	throughout superstructure, active corrosion with advance	d section	loss			
Item	Presently Posted	Grade	Υ	Maint Code	Qty.	0
Details	SV: 33 TTST: 40					
Item	Other Equipment Used	Grade	Υ	Maint Code	Qty.	0
Details	Waders					
Item	Deck Debris	Grade	F	Maint Code 3376	Qty.	1855
Details	Throughout both shoulders, debris accumulation [up to 1.	2in x 1in	deep] with	vegetation growth		
Item	Drift	Grade	F	Maint Code 3366	Qty.	12
Details	at bent 2 and West streambank, drift accumulation [up to	20in dia	meter]			
Item	Scour	Grade	G	Maint Code	Qty.	0

#### Details Code Z:

Bridge with "Unknown Foundation" that has not been evaluated for scour. Average Daily Traffic (ADT) is less than 1500. Bridge is considered low risk using NCHRP 24-25 "Guidelines for Risk-Based Management of Bridges with Unknown Foundations". A Plan of Action (POA) has been implemented. POA

Monitor bridge foundation during biennial inspection cycle for case 1 or 2.

- 1) If mudline at any bent or interior bent scours more than 4 feet from the established baseline contact the Hydraulics Unit. Establish a baseline using the 2008-2009 inspection soundings.
- 2) If footings have greater than 10% of the bearing undermined, contact the Hydraulics Unit.

Item	Response to live load	Grade F	Maint Code	<b>Qty.</b> 0
Details	s Movement felt and observed under live load			
Item	General Comments and Misc Items	Grade	Maint Code	<b>Qty.</b> 0

Details SV: 33 TTST: 40



Span 1 Beam 10: [PAR] along length of beam, multiple areas of active corrosion with section loss; bottom flange [up to 68in x 6in - avg rem 1/4in], lower web & web at rail post connections [up to 10ft x 6in - avg rem 1/4in]



Span 1 Beam 10: [PAR] along length of beam, multiple areas of active corrosion with section loss; bottom flange [up to 68in x 6in - avg rem 1/4in], lower web & web at rail post connections [up to 10ft x 6in - avg rem 1/4in]



Span 1 Beam 10: [PAR] along length of beam, multiple areas of active corrosion with section loss; bottom flange [up to 68in x 6in - avg rem 1/4in], lower web & web at rail post connections [up to 10ft x 6in - avg rem 1/4in]



Span 1 Beam 9: [PAR] at near end, active corrosion with section loss; bottom flange [18in x full width - avg rem 0.35in], lower web [8in x up to 8in - avg rem 1/4in]



Span 1 Beam 9: [PAR] at near end, active corrosion with section loss; bottom flange [18in x full width - avg rem 0.35in], lower web [8in x up to 8in - avg rem 1/4in]



Span 1 Beam 9 Near Bearing: [PAR] North anchor bolt nut missing, [1/8in loss] on bolt and not fully embedded



Span 1 Beam 8: [PAR] at near end, active corrosion with section loss; bottom flange [22in x full width - avg rem 1/4in], lower web [28in x up to 2-1/2in - avg rem 1/4in]



Span 1 Beam 8: [PAR] at near end, active corrosion with section loss; bottom flange [22in x full width - avg rem 1/4in], lower web [28in x up to 2-1/2in - avg rem 1/4in]



Span 1 Beam 7: [PAR] bottom flange at near end, active corrosion with section loss [up to 30in x up to full width - avg rem 3/8in, with areas down to 1/4in at edges]



Span 1 Beam 7: [PAR] bottom flange at near end, active corrosion with section loss [up to 30in x up to full width - avg rem 3/8in, with areas down to 1/4in at edges]



Span 1 Beam 6: [PAR] at near end, active corrosion with section loss, South bottom flange [up to 36in x up to 4in - avg rem 3/8in], lower web [30in x up to 3in - avg rem 1/4in]



Span 1 Beam 6: [PAR] at near end, active corrosion with section loss, South bottom flange [up to 36in x up to 4in - avg rem 3/8in], lower web [30in x up to 3in - avg rem 1/4in]



Span 1 Beam 5: [PAR] at near end, active corrosion with section loss; bottom flange [20in x full width - avg rem 3/8in], lower web [18in x 4in - avg rem 1/4in]



Span 1 Beam 6 Near Bearing: [PAR] North anchor bolt missing



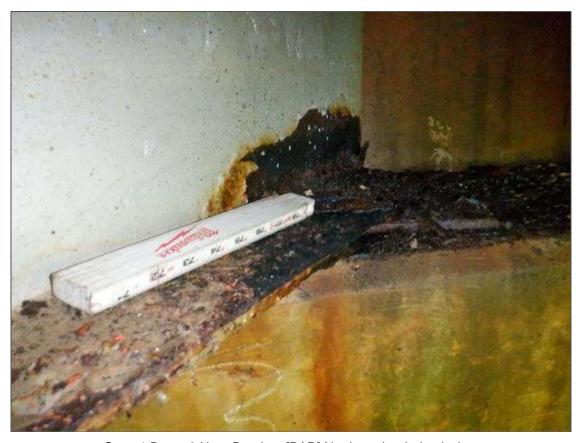
Span 1 Beam 4: [PAR] at near end, active corrosion with section loss; bottom flange [16in x full width - avg rem 1/2in], lower web [14in x 2in - avg rem 1/4in]



End Bent 1 Abutment/Backwall : at bay 4, vertical crack [full height x 3/16in]



Span 1 Beam 4 Near Bearing: [PAR] North anchor bolt missing



Span 1 Beam 3 Near Bearing: [PAR] North anchor bolt missing



Span 1 Beam 2: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 0.35in], lower web [up to 3ft x up to 6in - avg rem 5/16in]



Span 1 Beam 2: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 0.35in], lower web [up to 3ft x up to 6in - avg rem 5/16in]



Span 1 Beam 2 Near Bearing: [PAR] North anchor bolt missing



Span 1 Beam 1: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 1/4in], lower web [full length x up to 3in - avg rem 5/16in]



Span 1 Beam 1: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 1/4in], lower web [full length x up to 3in - avg rem 5/16in]



throughout underside of deck, multiple core holes [6in diameter]



Span 1 Beam 1: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 1/4in], lower web [full length x up to 3in - avg rem 5/16in]



Span 1 Beam 2: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 0.35in], lower web [up to 3ft x up to 6in - avg rem 5/16in]



Span 1 Beam 1: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 1/4in], lower web [full length x up to 3in - avg rem 5/16in]



Span 1 Beam 1: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 1/4in], lower web [full length x up to 3in - avg rem 5/16in]



Span 1 Beam 1: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 1/4in], lower web [full length x up to 3in - avg rem 5/16in]



Span 1 Beam 3: [PAR] near midspan and at far third ,two [2] areas of active corrosion with section loss; bottom flange [up to 48in x full width - avg rem 3/8in], lower web [32in x 2-1/2in - avg rem 9/32in]



Span 1 Beam 3: [PAR] near midspan and at far third ,two [2] areas of active corrosion with section loss; bottom flange [up to 48in x full width - avg rem 3/8in], lower web [32in x 2-1/2in - avg rem 9/32in]



Span 1 Beam 8: 2ft from far end, active corrosion with section loss; top and bottom flange [9ft x up to full width - avg rem 7/16in], lower web [up to 3ft x up to 4in - avg rem 5/16in]



Span 1 Beam 9: South bottom flange at 2ft from interior diaphragm, distortion [6in x 1/4in]



Span 1 Beam 9: South bottom flange at 2ft from interior diaphragm, distortion [6in x 1/4in]



Bent 1 Cap 1: [PAR] along West face at stiffeners 2-6, 9, & 10, active corrosion with section loss [up to 6in x full width - avg rem 3/8in]; along East face at stiffeners 1-5, 9 & 10, active corrosion with section loss [8in x full width - avg rem 3/8in]



Bent 1 Cap 1: [PAR] along West face at stiffeners 2-6, 9, & 10, active corrosion with section loss [up to 6in x full width - avg rem 3/8in]; along East face at stiffeners 1-5, 9 & 10, active corrosion with section loss [8in x full width - avg rem 3/8in]



Span 2 Beam 10: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x full width avg rem 0.34, with areas down to 1/8in], lower web & web at rail connections [up to 3ft x up to 14in - avg rem 1/4in]



Span 2 Beam 10: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x full width - avg rem 0.34, with areas down to 1/8in], lower web & web at rail connections [up to 3ft x up to 14in - avg rem 1/4in]



Span 2 Beam 10: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x full width - avg rem 0.34, with areas down to 1/8in], lower web & web at rail connections [up to 3ft x up to 14in - avg rem 1/4in]



Span 2 Beam 10: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x full width - avg rem 0.34, with areas down to 1/8in], lower web & web at rail connections [up to 3ft x up to 14in - avg rem 1/4in]



Span 2 Beam 9: [PAR] at midspan, active corrosion with section loss; bottom flange [2ft x full width - avg rem 3/8in], lower web [32in x 5in - avg rem 1/4in]



Span 2 Beam 8: [PAR] near midspan, active corrosion with section loss; top and bottom flange [63in x full width - avg rem 3/8in], lower web along length [up to 59in x up to 4in - avg rem 1/4in]



Span 2 Beam 8: [PAR] near midspan, active corrosion with section loss; top and bottom flange [63in x full width - avg rem 3/8in], lower web along length [up to 59in x up to 4in - avg rem 1/4in]



Span 2 Beam 8: [PAR] near midspan, active corrosion with section loss; top and bottom flange [63in x full width - avg rem 3/8in], lower web along length [up to 59in x up to 4in - avg rem 1/4in]



Span 2 Beam 8: [PAR] near midspan, active corrosion with section loss; top and bottom flange [63in x full width - avg rem 3/8in], lower web along length [up to 59in x up to 4in - avg rem 1/4in]



Span 2 Beam 8: [PAR] near midspan, active corrosion with section loss; top and bottom flange [63in x full width - avg rem 3/8in], lower web along length [up to 59in x up to 4in - avg rem 1/4in]



Span 2 Beam 8: [PAR] near midspan, active corrosion with section loss; top and bottom flange [63in x full width - avg rem 3/8in], lower web along length [up to 59in x up to 4in - avg rem 1/4in]



Span 2 Beam 7: [PAR] near midspan, active corrosion with section loss; bottom flange [up to 6ft x full width - avg rem 0.31in], lower web [up to 5ft x 2in - avg rem 5/16in]



Span 2 Beam 7: [PAR] near midspan, active corrosion with section loss; bottom flange [up to 6ft x full width - avg rem 0.31in], lower web [up to 5ft x 2in - avg rem 5/16in]



Span 2 Beam 7: [PAR] near midspan, active corrosion with section loss; bottom flange [up to 6ft x full width - avg rem 0.31in], lower web [up to 5ft x 2in - avg rem 5/16in]



Span 2 Beam 7: [PAR] near midspan, active corrosion with section loss; bottom flange [up to 6ft x full width - avg rem 0.31in], lower web [up to 5ft x 2in - avg rem 5/16in]



Span 2 Beam 4: [PAR] near midspan, active corrosion with section loss; bottom flange [up to 42in x up to full width - avg rem 3/8in], lower web [16in x 2in - avg rem 1/4in]



Span 2 Beam 2: [PAR] at near end, active corrosion with section loss; top and bottom flange [12ft x up to full width - avg rem 3/8in], lower web [up to 50in x up to 8in - avg rem 5/16in]



Span 2 Beam 2: [PAR] at near end, active corrosion with section loss; top and bottom flange [12ft x up to full width - avg rem 3/8in], lower web [up to 50in x up to 8in - avg rem 5/16in]



Span 2 Beam 1: [PAR] along length active corrosion with section loss; top and bottom flange [up to 15ft x full width - avg rem 3/8in], bottom flange at midspan [10ft x full width - avg rem 1/4in, with edges down to 1/8in], lower web along length [up to 15ft x up to 9in - avg rem 1/4in], lower web at midspan [10ft x 4in - avg rem 3/16in], web at rail connections [up to 12in diameter - avg rem 1/4in]



Span 2 Beam 1: [PAR] along length active corrosion with section loss; top and bottom flange [up to 15ft x full width - avg rem 3/8in], bottom flange at midspan [10ft x full width - avg rem 1/4in, with edges down to 1/8in], lower web along length [up to 15ft x up to 9in - avg rem 1/4in], lower web at midspan [10ft x 4in - avg rem 3/16in], web at rail connections [up to 12in diameter - avg rem 1/4in]



Span 2 Beam 1: [PAR] along length active corrosion with section loss; top and bottom flange [up to 15ft x full width - avg rem 3/8in], bottom flange at midspan [10ft x full width - avg rem 1/4in, with edges down to 1/8in], lower web along length [up to 15ft x up to 9in - avg rem 1/4in], lower web at midspan [10ft x 4in - avg rem 3/16in], web at rail connections [up to 12in diameter - avg rem 1/4in]



Span 2 Beam 1: [PAR] along length active corrosion with section loss; top and bottom flange [up to 15ft x full width - avg rem 3/8in], bottom flange at midspan [10ft x full width - avg rem 1/4in, with edges down to 1/8in], lower web along length [up to 15ft x up to 9in - avg rem 1/4in], lower web at midspan [10ft x 4in - avg rem 3/16in], web at rail connections [up to 12in diameter - avg rem 1/4in]



Span 2 Beam 1: [PAR] along length active corrosion with section loss; top and bottom flange [up to 15ft x full width - avg rem 3/8in], bottom flange at midspan [10ft x full width - avg rem 1/4in, with edges down to 1/8in], lower web along length [up to 15ft x up to 9in - avg rem 1/4in], lower web at midspan [10ft x 4in - avg rem 3/16in], web at rail connections [up to 12in diameter - avg rem 1/4in]



Span 2 Beam 1: [PAR] along length active corrosion with section loss; top and bottom flange [up to 15ft x full width - avg rem 3/8in], bottom flange at midspan [10ft x full width - avg rem 1/4in, with edges down to 1/8in], lower web along length [up to 15ft x up to 9in - avg rem 1/4in], lower web at midspan [10ft x 4in - avg rem 3/16in], web at rail connections [up to 12in diameter - avg rem 1/4in]



Span 3 Beam 1: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 0.34in, edge down to 1/8in], lower and areas of upper web [16ft x up to 5in - avg rem 1/4in], web at rail attachments [up to 12in diameter - avg rem 5/16in]



Span 3 Beam 1: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 0.34in, edge down to 1/8in], lower and areas of upper web [16ft x up to 5in - avg rem 1/4in], web at rail attachments [up to 12in diameter - avg rem 5/16in]



Span 3 Beam 1: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 0.34in, edge down to 1/8in], lower and areas of upper web [16ft x up to 5in - avg rem 1/4in], web at rail attachments [up to 12in diameter - avg rem 5/16in]



Span 3 Beam 1: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 0.34in, edge down to 1/8in], lower and areas of upper web [16ft x up to 5in - avg rem 1/4in], web at rail attachments [up to 12in diameter - avg rem 5/16in]



Span 2 Beam 6: [PAR] at far end, active corrosion with section loss; bottom flange [up to 8ft x full width - avg rem 3/8in], lower web [12ft x up to 2in - avg rem 1/4in]



Span 2 Beam 6: [PAR] at far end, active corrosion with section loss; bottom flange [up to 8ft x full width - avg rem 3/8in], lower web [12ft x up to 2in - avg rem 1/4in]



Drift: at bent 2 and West streambank, drift accumulation [up to 20in diameter]



Span 2 Beam 8: [PAR] at 2ft from far end, active corrosion with section loss, South bottom flange [16in x 4in - avg rem 3/8in], lower web [28in x up to 2in - avg rem 1/4in]



Span 2 Beam 8: [PAR] at 2ft from far end, active corrosion with section loss, South bottom flange [16in x 4in - avg rem 3/8in], lower web [28in x up to 2in - avg rem 1/4in]



Bent 2 Cap 1: [PAR] along West face at stiffeners 2, 6, & 7, active corrosion with section loss [up to 6in x full width - avg rem 3/8in]; along East face at stiffeners 1, 2, & 7-9, active corrosion with section loss [8in x full width - avg rem 3/8in]



Bent 2 Cap 1: [PAR] along West face at stiffeners 2, 6, & 7, active corrosion with section loss [up to 6in x full width - avg rem 3/8in]; along East face at stiffeners 1, 2, & 7-9, active corrosion with section loss [8in x full width - avg rem 3/8in]



Span 3 Beam 3: [PAR] at 15in from near end, active corrosion with section loss; bottom flange [5ft x up to full width - avg rem 3/8in], lower web [52in x 3in - avg rem 5/16in]



Span 3 Beam 3: [PAR] at 15in from near end, active corrosion with section loss; bottom flange [5ft x up to full width - avg rem 3/8in], lower web [52in x 3in - avg rem 5/16in]



Span 3 Beam 4: [PAR] at near end, active corrosion with section loss; North bottom flange [4ft x 4in - avg rem 3/8in]



Span 3 Beam 4: [PAR] at near end, active corrosion with section loss; North bottom flange [4ft x 4in - avg rem 3/8in]



Span 3 Beam 7: [PAR] at 18in from near end, active corrosion with section loss; bottom flange [32in x up to full width - avg rem 3/8in]



Span 3 Beam 7: [PAR] at 18in from near end, active corrosion with section loss; bottom flange [32in x up to full width - avg rem 3/8in]



Span 3 Beam 9: [PAR] at near end, active corrosion with section loss; North bottom flange [41in x 4in - avg rem 3/8in]



Span 3 Beam 9: [PAR] at near end, active corrosion with section loss; North bottom flange [41in x 4in - avg rem 3/8in]



Span 3 Beam 2: [PAR] near midspan, active corrosion with section loss, bottom flange [10ft x full width - avg rem 0.35in], lower web [10ft x 4in - avg rem 5/16in]



Span 3 Beam 2: [PAR] near midspan, active corrosion with section loss, bottom flange [10ft x full width - avg rem 0.35in], lower web [10ft x 4in - avg rem 5/16in]



Span 3 Beam 3: [PAR] at midspan, active corrosion with section loss; bottom flange [up to 10ft x full width - avg rem 0.36in], lower web [up to 10ft x 4in - avg rem 5/16in]



Span 3 Beam 3: [PAR] at midspan, active corrosion with section loss; bottom flange [up to 10ft x full width - avg rem 0.36in], lower web [up to 10ft x 4in - avg rem 5/16in]



Span 3 Beam 3: [PAR] at midspan, active corrosion with section loss; bottom flange [up to 10ft x full width - avg rem 0.36in], lower web [up to 10ft x 4in - avg rem 5/16in]



Span 3 Beam 3: [PAR] at midspan, active corrosion with section loss; bottom flange [up to 10ft x full width - avg rem 0.36in], lower web [up to 10ft x 4in - avg rem 5/16in]



Span 3 Beam 4: [PAR] near midspan, active corrosion with section loss; top flange [up to 30in x up to full width - avg rem 5/16in], bottom flange [62in x up to full width - avg rem 7/16in]



Span 3 Beam 4: [PAR] near midspan, active corrosion with section loss; top flange [up to 30in x up to full width - avg rem 5/16in], bottom flange [62in x up to full width - avg rem 7/16in]



Span 3 Beam 4: [PAR] near midspan, active corrosion with section loss; top flange [up to 30in x up to full width - avg rem 5/16in], bottom flange [62in x up to full width - avg rem 7/16in]



Span 3 Beam 5: [PAR] at near third, active corrosion with section loss; bottom flange [36in x up to full width - avg rem 3/8in], lower web [40in x up to 3in - avg rem 1/4in]



Span 3 Beam 5: [PAR] at near third, active corrosion with section loss; bottom flange [36in x up to full width - avg rem 3/8in], lower web [40in x up to 3in - avg rem 1/4in]



Span 3 Beam 9: [PAR] near midspan, active corrosion with section loss; bottom flange [24in x full width - avg rem 3/8in], lower web [20in x 2in - avg rem 1/4in]



Span 3 Beam 9: [PAR] near midspan, active corrosion with section loss; bottom flange [24in x full width - avg rem 3/8in], lower web [20in x 2in - avg rem 1/4in]



Span 3 Beam 10: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 1/4in, with edges down to 1/16in], lower web [full length x up to 4in - avg rem 1/4in, with areas down to 3/16in], web at rail attachments [12in diameter - avg rem 1/4in]



Span 3 Beam 10: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 1/4in, with edges down to 1/16in], lower web [full length x up to 4in - avg rem 1/4in, with areas down to 3/16in], web at rail attachments [12in diameter - avg rem 1/4in]



Span 3 Beam 10: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 1/4in, with edges down to 1/16in], lower web [full length x up to 4in - avg rem 1/4in, with areas down to 3/16in], web at rail attachments [12in diameter - avg rem 1/4in]



Span 3 Beam 10: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 1/4in, with edges down to 1/16in], lower web [full length x up to 4in - avg rem 1/4in, with areas down to 3/16in], web at rail attachments [12in diameter - avg rem 1/4in]



Span 3 Beam 3: [PAR] at far end, active corrosion with section loss; bottom flange [23in x up to full width - avg rem 3/8in], lower web [up to 32in x up to 5in - avg rem 5/16in]



Span 3 Beam 4: [PAR] at far end, active corrosion with section loss, bottom flange [up to 24in x full width - avg rem 3/8in, with areas down to 3/16in], lower web [22in x up to 4in - avg rem 1/4in]



Span 3 Beam 4: [PAR] at far end, active corrosion with section loss, bottom flange [up to 24in x full width - avg rem 3/8in, with areas down to 3/16in], lower web [22in x up to 4in - avg rem 1/4in]



Span 3 Beam 4: [PAR] at far end, active corrosion with section loss, bottom flange [up to 24in x full width - avg rem 3/8in, with areas down to 3/16in], lower web [22in x up to 4in - avg rem 1/4in]



Span 3 Beam 5: [PAR] at far end, active corrosion with section loss, bottom flange [41in x full width - avg rem 3/8in], lower web [up to 24in x up to 4in - avg rem 5/16in]



Span 3 Beam 5: [PAR] at far end, active corrosion with section loss, bottom flange [41in x full width - avg rem 3/8in], lower web [up to 24in x up to 4in - avg rem 5/16in]



Span 3 Beam 5: [PAR] at far end, active corrosion with section loss, bottom flange [41in x full width - avg rem 3/8in], lower web [up to 24in x up to 4in - avg rem 5/16in]



Span 3 Beam 8: [PAR] at far end, active corrosion with section loss; bottom flange [up to 27in x full width - avg rem 3/8in], lower web [up to 7ft x up to 3in - avg rem 5/16in]



Span 3 Beam 8: [PAR] at far end, active corrosion with section loss; bottom flange [up to 27in x full width - avg rem 3/8in], lower web [up to 7ft x up to 3in - avg rem 5/16in]



Span 3 Beam 9: [PAR] at far end, active corrosion with section loss; bottom flange [up to 38in x up to full width - avg rem 3/8in], lower web [up to 19in x up to 5in - avg rem 5/16in]



Span 3 Beam 9: [PAR] at far end, active corrosion with section loss; bottom flange [up to 38in x up to full width - avg rem 3/8in], lower web [up to 19in x up to 5in - avg rem 5/16in]



Span 3 Deck: throughout edge of deck at North and South ends, areas of decay/surface softness in end of deck boards [up to full width x full height x up to 1in deep probe] with vegetation/moss growth



Span 3 Deck: throughout edge of deck at North and South ends, areas of decay/surface softness in end of deck boards [up to full width x full height x up to 1in deep probe] with vegetation/moss growth



Span 3 Left Bridge Rail: top board and curb, checks (full length x up to 1/4in)



Span 1 Wearing Surface: both lanes and shoulders over end bent 1, transverse crack (full width x up to 1in)

# Stream Bed Soundings (Profile diagram on following sheet)

County IREDELL Structure Number: 480166 Inspection Date 05/30/2020

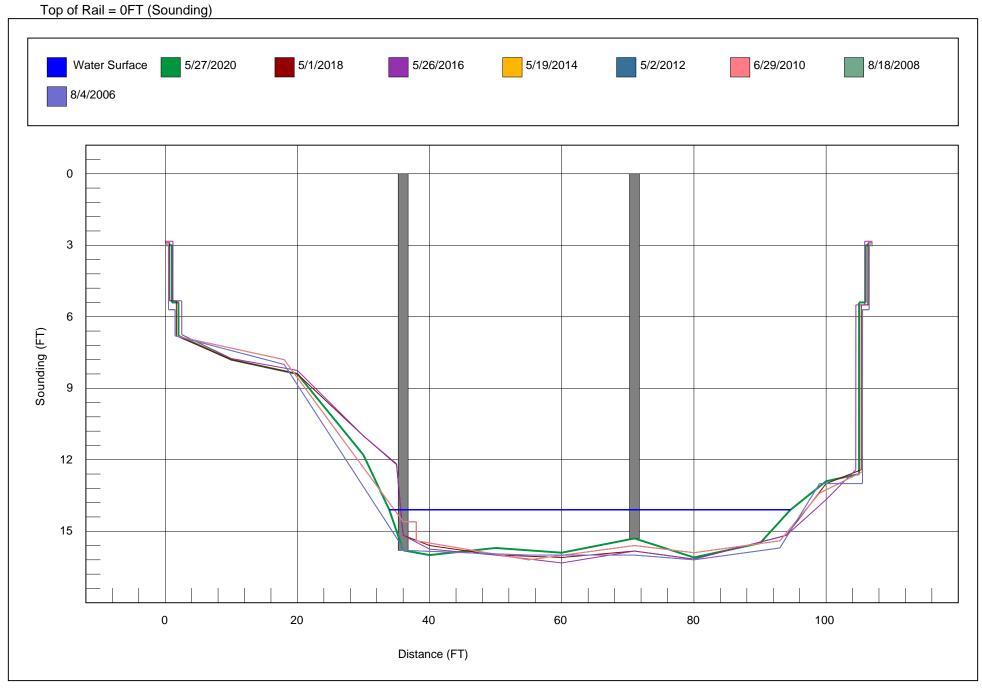
Sounding recorded from: Top of Bridge Rail

Highwater Mark Distance 8.2 Location of Highwater Mark stains at End Bent 2 Backwall

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	3.000	0.000	fill face
1.000	3.000	0.000	face of backwall
1.010	5.400	0.000	cap at backwall
2.000	5.400	0.000	face of cap
2.010	6.800	6.900	ground at cap
10.000	7.800	0.000	slope
20.000	8.400	0.000	slope
30.000	11.800	0.000	11.8
33.900	14.100	0.000	wswe
36.000	15.800	11.600	bent 1
40.000	16.000	0.000	streambed
50.000	15.700	0.000	streambed
60.000	15.900	0.000	streambed
71.000	15.300	17.000	bent 2
80.000	16.100	0.000	streambed
90.000	15.500	0.000	streambed
94.600	14.100	0.000	wswe
100.000	12.900	0.000	slope
104.980	12.600	8.000	ground at cap
104.990	5.400	0.000	face of cap
105.990	5.400	0.000	cap at backwall
106.000	3.000	0.000	face of backwall
107.000	3.000	0.000	fill face

Bridge: 480166 County: IREDELL Date: 05/27/2020

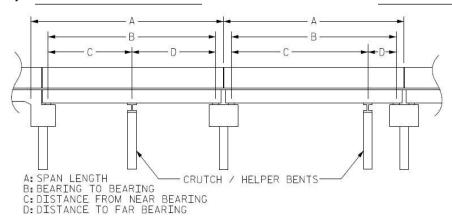
## **STREAMBED PROFILE (Downstream)**



## **Structure Data Worksheet**

## **Span Profile**

County: IREDELL Structure Number: 480166



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	36.000	35.000			
2	35.000	34.667			
3	36.000	35.000			



typical end bearing



typical interior diaphragm



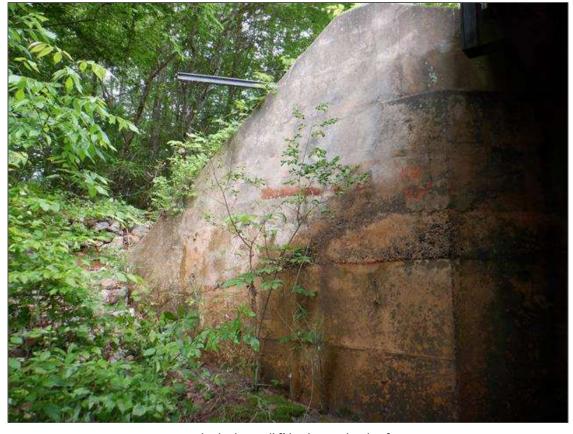
typical interior bent [bent 2 in view]



typical superstructure framing



typical rail to beam attachment



typical wingwall [Northwest in view]



typical underside of deck



typical end bent [End Bent 2 in view]



typical beam over interior bent



typical interior bearing



North profile looking South



South profile looking North



West approach looking East



West approach asphalt



right bridge rail



looking upstream [South] from bridge



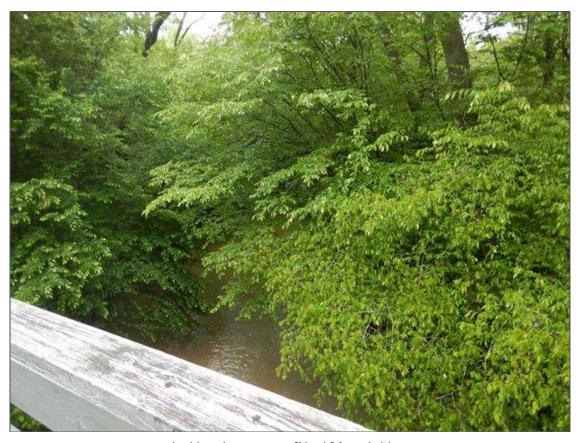
East approach asphalt



East approach looking West



left bridge rail



looking downstream [North] from bridge



typical wearing surface



overhead utility across structure



typical end bearing



typical guardrail post to beam attachment



typical end bent [End Bent 2 in view]



typical asphalt over end bent [asphalt over end bent 1 in view]



typical asphalt over interior bent [asphalt over bent 1 in view]



near approach load posting



far approach load posting



typical interior bent [bent 2 in view]

Bridge: 480166 County IREDELL Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	36	Span 1 Beam 1: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 1/4in], lower web [full length x up to 3in - avg rem 5/16in]	
3314	Maintain Steel Superstructure Components	LF	36	Span 1 Beam 2: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 0.35in], lower web [up to 3ft x up to 6in - avg rem 5/16in]	
3314	Maintain Steel Superstructure Components	LF	8	Span 1 Beam 3: [PAR] near midspan and at far third ,two [2] areas of active corrosion with section loss; bottom flange [up to 48in x full width - avg rem 3/8in], lower web [32in x 2-1/2in - avg rem 9/32in]	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 4: [PAR] at near end, active corrosion with section loss; bottom flange [16in x full width - avg rem 1/2in], lower web [14in x 2in - avg rem 1/4in]	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 5: [PAR] at near end, active corrosion with section loss; bottom flange [20in x full width - avg rem 3/8in], lower web [18in x 4in - avg rem 1/4in]	
3314	Maintain Steel Superstructure Components	LF	3	Span 1 Beam 6: [PAR] at near end, active corrosion with section loss, South bottom flange [up to 36in x up to 4in - avg rem 3/8in], lower web [30in x up to 3in - avg rem 1/4in]	
3314	Maintain Steel Superstructure Components	LF	3	Span 1 Beam 7: [PAR] bottom flange at near end, active corrosion with section loss [up to 30in x up to full width - avg rem 3/8in, with areas down to 1/4in at edges]	
3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 8: [PAR] at near end, active corrosion with section loss; bottom flange [22in x full width - avg rem 1/4in], lower web [28in x up to 2-1/2in - avg rem 1/4in]	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 9: [PAR] at near end, active corrosion with section loss; bottom flange [18in x full width - avg rem 0.35in], lower web [8in x up to 8in - avg rem 1/4in]	
3314	Maintain Steel Superstructure Components	LF	28	Span 1 Beam 10: [PAR] along length of beam, multiple areas of active corrosion with section loss; bottom flange [up to 68in x 6in - avg rem 1/4in], lower web & web at rail post connections [up to 10ft x 6in - avg rem 1/4in]	

Bridge: 480166 County IREDELL Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	35	Span 2 Beam 1: [PAR] along length active corrosion with section loss; top and bottom flange [up to 15ft x full width - avg rem 3/8in], bottom flange at midspan [10ft x full width - avg rem 1/4in, with edges down to 1/8in], lower web along length [up to 15ft x up to 9in - avg rem 1/4in], lower web at midspan [10ft x 4in - avg rem 3/16in], web at rail connections [up to 12in diameter - avg rem 1/4in]	
3314	Maintain Steel Superstructure Components	LF	12	Span 2 Beam 2: [PAR] at near end, active corrosion with section loss; top and bottom flange [12ft x up to full width - avg rem 3/8in], lower web [up to 50in x up to 8in - avg rem 5/16in]	
3314	Maintain Steel Superstructure Components	LF	4	Span 2 Beam 4: [PAR] near midspan, active corrosion with section loss; bottom flange [up to 42in x up to full width - avg rem 3/8in], lower web [16in x 2in - avg rem 1/4in]	
3314	Maintain Steel Superstructure Components	LF	8	Span 2 Beam 6: [PAR] at far end, active corrosion with section loss; bottom flange [up to 8ft x full width - avg rem 3/8in], lower web [12ft x up to 2in - avg rem 1/4in]	
3314	Maintain Steel Superstructure Components	LF	11	Span 2 Beam 7: [PAR] near midspan, active corrosion with section loss; bottom flange [up to 6ft x full width - avg rem 0.31in], lower web [up to 5ft x 2in - avg rem 5/16in]	
3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 8: [PAR] at 2ft from far end, active corrosion with section loss, South bottom flange [16in x 4in - avg rem 3/8in], lower web [28in x up to 2in - avg rem 1/4in]	
3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 9: [PAR] at midspan, active corrosion with section loss; bottom flange [2ft x full width - avg rem 3/8in], lower web [32in x 5in - avg rem 1/4in]	
3314	Maintain Steel Superstructure Components	LF	35	Span 2 Beam 10: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x full width - avg rem 0.34, with areas down to 1/8in], lower web & web at rail connections [up to 3ft x up to 14in - avg rem 1/4in]	

Bridge: 480166 County IREDELL Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	36	Span 3 Beam 1: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 0.34in, edge down to 1/8in], lower and areas of upper web [16ft x up to 5in - avg rem 1/4in], web at rail attachments [up to 12in diameter - avg rem 5/16in]	
3314	Maintain Steel Superstructure Components	LF	10	Span 3 Beam 2: [PAR] near midspan, active corrosion with section loss, bottom flange [10ft x full width - avg rem 0.35in], lower web [10ft x 4in - avg rem 5/16in]	
3314	Maintain Steel Superstructure Components	LF	5	Span 3 Beam 3: [PAR] at 15in from near end, active corrosion with section loss; bottom flange [5ft x up to full width - avg rem 3/8in], lower web [52in x 3in - avg rem 5/16in]	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 3: [PAR] at far end, active corrosion with section loss; bottom flange [23in x up to full width - avg rem 3/8in], lower web [up to 32in x up to 5in - avg rem 5/16in]	
3314	Maintain Steel Superstructure Components	LF	15	Span 3 Beam 3: [PAR] at midspan, active corrosion with section loss; bottom flange [up to 10ft x full width - avg rem 0.36in], lower web [up to 10ft x 4in - avg rem 5/16in]	
3314	Maintain Steel Superstructure Components	LF	4	Span 3 Beam 4: [PAR] at near end, active corrosion with section loss; North bottom flange [4ft x 4in - avg rem 3/8in]	
3314	Maintain Steel Superstructure Components	LF	6	Span 3 Beam 4: [PAR] near midspan, active corrosion with section loss; top flange [up to 30in x up to full width - avg rem 5/16in], bottom flange [62in x up to full width - avg rem 7/16in]	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 4: [PAR] at far end, active corrosion with section loss, bottom flange [up to 24in x full width - avg rem 3/8in, with areas down to 3/16in], lower web [22in x up to 4in - avg rem 1/4in]	
3314	Maintain Steel Superstructure Components	LF	3	Span 3 Beam 5: [PAR] at near third, active corrosion with section loss; bottom flange [36in x up to full width - avg rem 3/8in], lower web [40in x up to 3in - avg rem 1/4in]	

County IREDELL Bridge: 480166 Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3314	Maintain Steel Superstructure Components	LF	4	Span 3 Beam 5: [PAR] at far end, active corrosion with section loss, bottom flange [41in x full width - avg rem 3/8in], lower web [up to 24in x up to 4in - avg rem 5/16in]	
3314	Maintain Steel Superstructure Components	LF	3	Span 3 Beam 7: [PAR] at 18in from near end, active corrosion with section loss; bottom flange [32in x up to full width - avg rem 3/8in]	
3314	Maintain Steel Superstructure Components	LF	7	Span 3 Beam 8: [PAR] at far end, active corrosion with section loss; bottom flange [up to 27in x full width - avg rem 3/8in], lower web [up to 7ft x up to 3in - avg rem 5/16in]	
3314	Maintain Steel Superstructure Components	LF	4	Span 3 Beam 9: [PAR] at near end, active corrosion with section loss; North bottom flange [41in x 4in - avg rem 3/8in]	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 9: [PAR] near midspan, active corrosion with section loss; bottom flange [24in x full width - avg rem 3/8in], lower web [20in x 2in - avg rem 1/4in]	
3314	Maintain Steel Superstructure Components	LF	12	Span 3 Beam 9: [PAR] at far end, active corrosion with section loss; bottom flange [up to 38in x up to full width - avg rem 3/8in], lower web [up to 19in x up to 5in - avg rem 5/16in]	
3314	Maintain Steel Superstructure Components	LF	36	Span 3 Beam 10: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 1/4in, with edges down to 1/16in], lower web [full length x up to 4in - avg rem 1/4in, with areas down to 3/16in], web at rail attachments [12in diameter - avg rem 1/4in]	
3334	Bridge Bearings	EA	1	Span 1 Beam 2 Beam 2 Near Bearing: [PAR] North anchor bolt missing	
3334	Bridge Bearings	EA	1	Span 1 Beam 3 Near Bearing: [PAR] North anchor bolt missing	
3334	Bridge Bearings	EA	1	Span 1 Beam 4 Near Bearing: [PAR] North anchor bolt missing	
3334	Bridge Bearings	EA	1	Span 1 Beam 6 Near Bearing: [PAR] North anchor bolt missing	

Bridge: 480166 County IREDELL Date:

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3334	Bridge Bearings	EA	1	Span 1 Beam 9 Near Bearing: [PAR] North anchor bolt nut missing, [1/8in loss] on bolt and not fully embedded	
3354	Maintain Steel Substructure Components	LF	8	Bent 1 Cap 1: [PAR] along West face at stiffeners 2-6, 9, & 10, active corrosion with section loss [up to 6in x full width - avg rem 3/8in]; along East face at stiffeners 1-5, 9 & 10, active corrosion with section loss [8in x full width - avg rem 3/8in]	
3354	Maintain Steel Substructure Components	LF	6	Bent 2 Cap 1: [PAR] along West face at stiffeners 2, 6, & 7, active corrosion with section loss [up to 6in x full width - avg rem 3/8in]; along East face at stiffeners 1, 2, & 7-9, active corrosion with section loss [8in x full width - avg rem 3/8in]	

Bridge: 480166 County IREDELL

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

MMS Code	M	ИS Descrip	Quantity					
3314	Mai	ntain Stee	Superstructure Components		36	LF		
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
			Request Awaiting Assignment					
Submitted D	ed Date: Submitted By: Assisted By:							
05/30/2020		D. Winte	ers, El					
Details								
			web [full length x up to 3in - avg re	on loss; top and bottom flange [full le em 5/16in]	ngar x sp	.0 (0.11		
MMS Code	M	MS Descrip	otion		Quantity			
3314	Mai	ntain Stee	I Superstructure Components		36	LF		
Location:								
			Bent/Span No.					
Priority Level			Status					
			Request Awaiting Assignment					
Submitted D	Date:	Submitte	d By:	Assisted By:				

#### Details

05/30/2020

D. Winters, EI

Span 1 Beam 2: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 0.35in], lower web [up to 3ft x up to 6in - avg rem 5/16in]

Bridge: 480166 County IREDELL

**MMS** Description

Maintain Steel Superstructure Components

MMS Code

3314

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

Quantity

8

LF

Location:									
			Bent/Span No.						
Priority Level			Status	Status					
			Request Awaiting Assignment						
Submitted D	ate:	Submitte	ed By:	Assisted By:					
05/30/2020		D. Winte	ers, El						
Details									
			midspan and at far third ,two [2] ar rem 3/8in], lower web [32in x 2-1/2	eas of active corrosion with section lenders in - avg rem 9/32in]	oss; bottom flange				
MMS Code	MN	/IS Descrip		Quantity					
3314	Mai	ntain Stee	Superstructure Components		1 LF				
Location:									
			Bent/Span No.						
Priority Leve	el		Status						
			Request Awaiting Assignment						
Submitted D	ate:	Submitte	ed By:	Assisted By:					
05/30/2020		D. Winte	ers, El						
Details	Details								
Span 1 Bear lower web [1				on loss; bottom flange [16in x full widt	th - avg rem 1/2in],				

Bridge: 480166 County IREDELL

**MMS** Description

Maintain Steel Superstructure Components

MMS Code

3314

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

Quantity

LF

2

Location:								
			Bent/Span No.					
Priority Leve	l		Status					
			Request Awaiting Assignment					
Submitted Da	ate:	Submitte	d By:	Assisted By:				
05/30/2020		D. Winte	ers, El					
Details								
Span 1 Bear lower web [1				on loss; bottom flange [20in x full widt	:h - avg rem	3/8in],		
MMS Code	MN	/IS Descrip	otion		Quantity			
3314	Mai	ntain Stee	I Superstructure Components		3	LF		
Location:								
			Bent/Span No.					
Priority Leve	l		Status					
			Request Awaiting Assignment					
Submitted Da	ate:	Submitte	d By:	Assisted By:				
05/30/2020	D. Winters, EI							
Details								
			ear end, active corrosion with section of the contraction of the contr	on loss, South bottom flange [up to 36	3in x up to 4	in -		

Bridge: 480166 County IREDELL

MMS Description

Maintain Steel Superstructure Components

MMS Code

3314

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

Quantity

3

LF

Location:							
			Bent/Span No.				
Priority Leve	el		Status	Status			
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	By: Assisted By:			
05/30/2020		D. Winte	ers, El				
Details							
			om flange at near end, active corros to 1/4in at edges]	sion with section loss [up to 30in x up	to full width	- avg	
MMS Code	MN	MS Descrip	otion		Quantity		
3314	Mai	ntain Stee	I Superstructure Components		1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
05/30/2020		D. Winte	ers, El				
Details							
			ear end, active corrosion with section 2in - avg rem 1/4in]	on loss; bottom flange [22in x full widt	:h - avg rem	1/4in],	

Bridge: 480166 County IREDELL

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

MMS Code	MN	/IS Descrip	otion		Quantity		
3314	Mai	ntain Stee	Superstructure Components		2	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
			Request Awaiting Assignment				
Submitted Date: Submitte		Submitte	d By:	Assisted By:			
05/30/2020		D. Winte	ers, El				
Details							
			to 8in - avg rem 1/4in]		Q skit.		
MMS Code		//S Descrip			Quantity		
3314	Mai	ntain Stee	Superstructure Components		28	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
			Request Awaiting Assignment				
Submitted Date: Submitted By:		d By:	Assisted By:				
05/30/2020		D. Winte	ers, El				
Details							
Span 1 Bea	m 10:	[PAR] alor	ng length of beam, multiple areas o	f active corrosion with section loss; b	ottom flang	e [up	

to 68in x 6in - avg rem 1/4in], lower web & web at rail post connections [up to 10ft x 6in - avg rem 1/4in]

Bridge: 480166 County IREDELL

MMS Description

Maintain Steel Superstructure Components

MMS Code

3314

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

Quantity

35

LF

Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
05/30/2020		D. Winte	ers, El			
Details						
avg rem 3/8i length [up to	in], bo 15ft x	ttom flang	e at midspan [10ft x full width - avg	on loss; top and bottom flange [up to rem 1/4in, with edges down to 1/8in span [10ft x 4in - avg rem 3/16in], we	], lower web a	
MMS Code	MN	/IS Descrip	otion		Quantity	
3314	Maii	ntain Stee	I Superstructure Components		12	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
05/30/2020		D. Winte	ers, El			
Details						
Span 2 Beam 2: [PAR] at near end, active corrosion with section loss; top and bottom flange [12ft x up to full width - avg rem 3/8in], lower web [up to 50in x up to 8in - avg rem 5/16in]						

Bridge: 480166 County IREDELL

3/8in], lower web [12ft x up to 2in - avg rem 1/4in]

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

MMS Code	MN	/IS Descrip	otion		Quantity		
3314	Mai	ntain Stee	Superstructure Components		4	LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	Submitted Date: Submitte		d By:	Assisted By:			
05/30/2020		D. Winte	ers, El				
Details							
MMS Code	MN	//S Descrip	otion		Quantity	,	
3314			I Superstructure Components		8	LF	
Location:							
			Bent/Span No.				
Priority Leve	əl		Status				
Request Awaiting Assignment							
Submitted Date: Submitted By:			d By:	Assisted By:			
05/30/2020	5/30/2020 D. Winters, El						
Details		Details					

Span 2 Beam 6: [PAR] at far end, active corrosion with section loss; bottom flange [up to 8ft x full width - avg rem

Bridge: 480166 County IREDELL

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

MMS Code	MN	/IS Descrip	otion		Quantity	
3314	Mai	ntain Stee	Superstructure Components		11	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Submitted Date: Submitte		d By:	Assisted By:		
05/30/2020		D. Winte	ers, El			
Details						
0.0 11, 10		Tup to oil	x 2in - avg rem 5/16in]			
MMS Code	MN	//S Descrip	otion		Quantity	
3314	Mai	ntain Stee	Superstructure Components		3	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Request Awaiting Assignment						
Submitted D	Date:	Submitte	d By:	Assisted By:		
05/30/2020		D. Winters, EI				

#### Details

Span 2 Beam 8: [PAR] at 2ft from far end, active corrosion with section loss, South bottom flange [16in x 4in - avg rem 3/8in], lower web [28in x up to 2in - avg rem 1/4in]

Bridge: 480166 County IREDELL

11121 0220	***********		TOE TEMOTIFIED BEEN GOBINITIED IN	CONSCINCTION WITH A TRICKIT I WITHIN	ETW II TOE TIES	0201	
MMS Code	M	MMS Description					
3314	Mai	Maintain Steel Superstructure Components			3	LF	
Location:							
			Bent/Span No.				
Priority Level			Status	Status			
			Request Awaiting Assignment				
Submitted D	ubmitted Date: Submitte		d By:	Assisted By:			
05/30/2020	020 D. Win		ers, El				
Details							
Span 2 Bea lower web [3				n loss; bottom flange [2ft x full width	- avg rem 3/8	Bin],	
MMS Code	MN	MS Descrip	otion		Quantity		
3314	Mai	Maintain Steel Superstructure Components			35	LF	
Location:							
			Bent/Span No.				

MMS Code	MN	MMS Description				Quantity	
3314	Mai	nintain Steel Superstructure Components				LF	
Location:	Location:						
	Bent/Span No.						
Priority Level			Status				
			Request Awaiting Assignment				
Submitted D	ate:	Submitte	d By:	Assisted By:			
05/30/2020		D. Winters, El					
Details	Details						
Span 2 Beam 10: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x full width - avg rem 0.34, with areas down to 1/8in], lower web & web at rail connections [up to 3ft x up to 14in - avg rem 1/4in]							

Bridge: 480166 County IREDELL

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

36

LF

			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
05/30/2020		D. Winte	ers, El			
Details						
width - avg r	rem 0.	34in, edge		on loss; top and bottom flange [full le f upper web [16ft x up to 5in - avg rer		
MMS Code	MN	IS Description			Quantity	
3314	Mai	ntain Stee	Superstructure Components		10 LF	
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
05/30/2020		D. Winte	ers, El			
Details						
			midspan, active corrosion with sec n - avg rem 5/16in]	tion loss, bottom flange [10ft x full wi	dth - avg rem	

Bridge: 480166 County IREDELL

MMS Description

MMS Code

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

Quantity

3314	Mai	ntain Stee	Superstructure Components		5	LF
Location:						
			Bent/Span No.			
Priority Leve	əl		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	By: Assisted By:		
05/30/2020		D. Winte	ers, El			
Details						
MMS Code	MN	//S Descrip	otion		Quantity	
3314	Mai	ntain Stee	Superstructure Components		2	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
05/30/2020	/30/2020 D. Winters, EI		ers, El			
Details						
			r end, active corrosion with section x up to 5in - avg rem 5/16in]	loss; bottom flange [23in x up to full	width - avg ı	rem

Bridge: 480166 County IREDELL

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

MMS Code	MI	MMS Description				Quantity	
3314	Mai	ntain Stee	n Steel Superstructure Components			LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
			Request Awaiting Assignment				
Submitted Date: Submitte		Submitte	d By:	Assisted By:			
05/30/2020	/30/2020 D. Wint		ers, El				
Details							
			dspan, active corrosion with section to the control of the control	n loss; bottom flange [up to 10ft x full	. width - avç	j rem	
MMS Code	N 4 P	US Dogoria	ation		Quantity		
		MS Descrip			Quantity		
3314	Mai	ntain Stee	I Superstructure Components		4	LF	
Location:							
			Bent/Span No.				
Priority Leve	əl		Status				

**Details** 

05/30/2020

Submitted Date:

Submitted By:

D. Winters, EI

Span 3 Beam 4: [PAR] at near end, active corrosion with section loss; North bottom flange [4ft x 4in - avg rem 3/8in]

Assisted By:

Request Awaiting Assignment

Bridge: 480166 County IREDELL

MMS Description

MMS Code

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

Quantity

3314	Mai	ntain Stee	Superstructure Components		6	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted E	Date:	Submitte	d By:	By: Assisted By:		
05/30/2020		D. Winte	ers, El			
Details						
MMS Code	MN	/IS Descrip	otion		Quantity	
3314	Mai	ntain Stee	Superstructure Components		2	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
05/30/2020	D. Winters, El		ers, El			
Details						
			end, active corrosion with section	loss, bottom flange [up to 24in x full avg rem 1/4in]	width - avg	rem

Bridge: 480166 County IREDELL

lower web [up to 24in x up to 4in - avg rem 5/16in]

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

MMS Code	MN	/IS Descrip	otion		Quantity	
3314	Mai	aintain Steel Superstructure Components			3	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Submitted Date: Submitte		d By:	Assisted By:		
05/30/2020		D. Winte	ers, El			
Details						
MMS Code	MN	//S Descrip	otion		Quantity	/
3314	Mai	ntain Stee	Superstructure Components		4	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
05/30/2020	05/30/2020 D. Winters, EI					
Details						

Span 3 Beam 5: [PAR] at far end, active corrosion with section loss, bottom flange [41in x full width - avg rem 3/8in],

Bridge: 480166 County IREDELL

MMS Code	MN	/IS Descrip	otion		Quantity		
3314	Mair	ntain Stee	Steel Superstructure Components			LF	
Location:							
	Bent/Span No.						
Priority Level			Status				
			Request Awaiting Assignment				
Submitted Da	ate:	Submitte	d By:	Assisted By:			
05/30/2020		D. Winte	ers, El				
Details							
Span 3 Beam 7: [PAR] at 18in from near end, active corrosion with section loss; bottom flange [32in x up to full width - avg rem 3/8in]							

MMS Code	MN	MMS Description			Quantity	
3314	Mai	ntain Stee	el Superstructure Components 7			LF
Location:						
			Bent/Span No.			
Priority Level			Status			
	Request Awaiting Assignment					
Submitted D	Date:	Submitte	ed By:	Assisted By:		
05/30/2020		D. Winte	ers, El			
Details						
	Span 3 Beam 8: [PAR] at far end, active corrosion with section loss; bottom flange [up to 27in x full width - avg rem 3/8in], lower web [up to 7ft x up to 3in - avg rem 5/16in]					

Bridge: 480166 County IREDELL

THE POLEOWING WARTERWING FIRMS BEEN GODWINTED IN GOING HOW WITH AT MORTH WARTER INGER REQUEST						
MMS Code	MN	/IS Descrip	otion		Quantity	
3314	Mai	Maintain Steel Superstructure Components		4	LF	
Location:	Location:					
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	ate:	Submitte	d By:	Assisted By:		
05/30/2020		D. Winte	ers, El			
Details						
Span 3 Bea	m 9: [I	PAR] at ne	ear end, active corrosion with section	n loss; North bottom flange [41in x 4	in - avg rem	3/8in]
MMS Code	MMS Description		Quantity			
3314	Maintain Steel Superstructure Components		2	LF		
Location:						
	Bent/Span No.					

MMS Code	MMS Description			Quantity		
3314	Maintain 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:		
05/30/2020		D. Winte	ers, El			
Details						
	Span 3 Beam 9: [PAR] near midspan, active corrosion with section loss; bottom flange [24in x full width - avg rem 3/8in], lower web [20in x 2in - avg rem 1/4in]					

Bridge: 480166 County IREDELL

THE FOLLOWING WAINTENANCE TEMOTIANS DEED CODMITTED IN CONCONCTION WITH AT MORITT WAINTENANCE REQUEST							
MMS Code	MN	//S Descrip	otion		Quantity		
3314	Maintain Steel Superstructure Components			12	LF		
Location:	Location:						
			Bent/Span No.				
Priority Leve	el		Status				
			Request Awaiting Assignment				
Submitted Date: Submitte		Submitte	d By:	Assisted By:			
05/30/2020		D. Winte	ers, El				
Details							
	Span 3 Beam 9: [PAR] at far end, active corrosion with section loss; bottom flange [up to 38in x up to full width - avg rem 3/8in], lower web [up to 19in x up to 5in - avg rem 5/16in]						
MMS Code	MN	//S Descrip	otion		Quantity		
3314	1 Maintain Steel Superstructure Components			36	ΙF		

MMS Code	ode MMS Description			Quantity		
3314	Mai	ntain Stee	teel Superstructure Components 3			LF
Location:	Location:					
			Bent/Span No.			
Priority Level Status		Status				
			Request Awaiting Assignment			
Submitted Da	ate:	Submitte	d By:	Assisted By:		
05/30/2020		D. Winte	ers, El			
Details						
width - avg re	Span 3 Beam 10: [PAR] along length, active corrosion with section loss; top and bottom flange [full length x up to full width - avg rem 1/4in, with edges down to 1/16in], lower web [full length x up to 4in - avg rem 1/4in, with areas down to 3/16in], web at rail attachments [12in diameter - avg rem 1/4in]					

Bridge: 480166 County IREDELL

MMS Description

MMS Code

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

Quantity

3334	Bric	ge Bearings			1	EA
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
05/30/2020		D. Winte	ers, El			
Details						
Span 1 Bea	m 2 B	eam 2 Nea	ar Bearing: [PAR] North anchor bolt	t missing		
MMS Code	MI	MS Descrip	otion		Quantity	
3334	Bric	lge Bearin	gs		1	EA
Location:						
			Bent/Span No.			
Priority Leve	əl		Status			
			Request Awaiting Assignment			
Submitted D	Date:	Submitte	d By:	Assisted By:		
05/30/2020	05/30/2020 D. Winters, EI					
Details						
Span 1 Bea	Span 1 Beam 3 Near Bearing: [PAR] North anchor bolt missing					

Bridge: 480166 County IREDELL

**MMS** Description

MMS Code

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

Quantity

3334	Brid	lge Bearin	gs		1	EA
Location:	Location:					
			Bent/Span No.			
Priority Leve	əl		Status			
	Request Awaiting Assignment					
Submitted D	)ate:	Submitte	d By:	Assisted By:		
05/30/2020		D. Winte	ers, El			
Details						
Span 1 Bea	m 4 Ne	ear Bearin	g: [PAR] North anchor bolt missing			
MMS Code	MN	//S Descrip	otion		Quantity	
3334	Brid	lge Bearin	gs		1	EA
Location:						
			Bent/Span No.			
Priority Leve	əl		Status			
			Request Awaiting Assignment			
Submitted D	)ate:	Submitte	d By:	Assisted By:		
05/30/2020		D. Winte	ers, El			
Details	Details					
Span 1 Bea	m 6 No	Span 1 Beam 6 Near Bearing: [PAR] North anchor bolt missing				
epair i Beam e Near Bearing. [i 711] North anonor Bolt missing						
		oar Boarni	g. [i Ait] Notth anonor boit missing			
		oar Boarn	g. [i 743] North anchor bott missing			

Bridge: 480166 County IREDELL

		vivis description Quantity						
3334	Brid	lge Bearin	gs		1	EA		
Location:								
			Bent/Span No.					
Priority Leve	Priority Level Status							
			Request Awaiting Assignment					
Submitted D	ate:	Submitte	d By:	Assisted By:				
05/30/2020		D. Winte	ers, El					
Details								
Span 1 Beam 9 Near Bearing: [PAR] North anchor bolt nut missing, [1/8in loss] on bolt and not fully embedded								
MMS Code	MN	//S Descrip	otion		Quantity			
MMS Code 3354			otion  I Substructure Components		Quantity 8	LF		
						LF		
3354						LF		
3354	Mai		I Substructure Components			LF		
3354 Location:	Mai		I Substructure Components  Bent/Span No.			LF		
Location:	Mai		Bent/Span No.  Status  Request Awaiting Assignment	Assisted By:		LF		
3354  Location:  Priority Leve	Mai	ntain Stee	Bent/Span No. Status Request Awaiting Assignment	Assisted By:		LF		
3354  Location:  Priority Leve	Mai	ntain Stee	Bent/Span No. Status Request Awaiting Assignment	Assisted By:		LF		

Bridge: 480166 County IREDELL

MMS Code	MN	MMS Description			Quantity		
3354	Mair	nintain Steel Substructure Components			6	LF	
Location:	Location:						
			Bent/Span No.				
Priority Leve	<del>j</del> l		Status				
Request Awaiting Assignment							
Submitted D	ate:	Submitte	d By:	Assisted By:			
05/30/2020		D. Winte	ers, El				
Details							
	Bent 2 Cap 1: [PAR] along West face at stiffeners 2, 6, & 7, active corrosion with section loss [up to 6in x full width - avg rem 3/8in]; along East face at stiffeners 1, 2, & 7-9, active corrosion with section loss [8in x full width - avg rem						

S.R. 1595

Roadway	19ft Wide	2 Paved Lanes	Looking East
Left Shoulder	6.583ft Wide*	0.583ft Paved*	6ft Unpaved
Right Shoulder	6.5ft Wide*	0.5ft Paved*	6ft Unpaved
Left Guardrail			
Right Guardrail			

Measurements recorded 30ft West of End Bent 1

\*Measurement Revised: D. Winters 05/29/2020

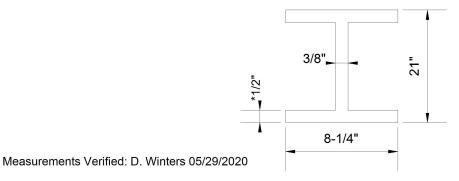
Title		Description		
Approach Roadway Sketcl	n	Data V	Vorksheet	
Bridge No: 480166 Drawn By: RAP			Date: 8/18/08	File Name: S0138001528

Deck Width/Out to Out 24.083ft			Between Rails			
Clear Roadway	23.083ft	Wearin	ng Surface			0.25ft
Median Width		Median Height				
Curb Height			0.54ft	Right	0.54	4ft
Sidewalk Width		Left		Right		
Clear Roadway (Rail to Mediar	۱)	Left		Right		
Guardrail Width		Left	0.5ft	Right	0.51	t
Top of Rail to Deck/Wearing Surface		Left	2.75ft	Right	2.7	5ft
Bridge Rail		Left	Type 22	Right	Тур	e 22

Measurements for Span #	1	SPANS 2 AND 3 SIMILAR	
Deck Thickness	0.333ft	Left Overhang	1.167ft
Top of Rail to Bottom of Beam	5.25ft	Right Overhang	1.167ft

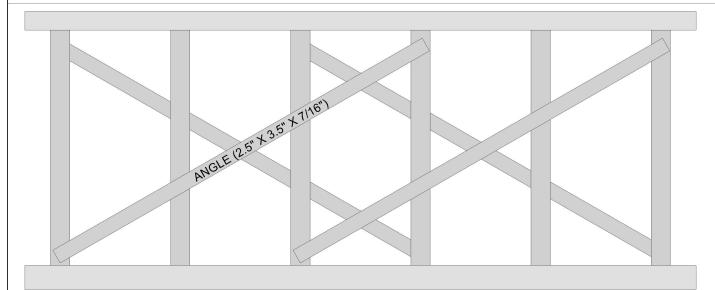
Beam Number	Beam Type	Spacing	Comments	
1	Steel I Beam	2.417ft		
2	Steel I Beam	2.417ft		
3	Steel I Beam	2.417ft		
4	Steel I Beam	2.417ft		
5	Steel I Beam	2.417ft		
6	Steel I Beam	2.417ft		
7	Steel I Beam	2.417ft		
8	Steel I Beam	2.417ft		
9	Steel I Beam	2.417ft		
10	Steel I Beam			

#### **BEAM DIMENSIONS**

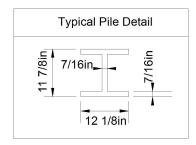


Title Description
Typical Section Sketch Data Worksheet

Bridge No: 480166 Drawn By: RAP Date: 8/18/08 File Name: S0138001529



Cap Inf	ormation		Material Steel							
Lengtl	n Width	Height	Left Overhang	Right Overh	nang	Left Be	eam to Er	nd of Cap.	Right Beam to En	d of Cap.
*34.917	ft. 1.000 ft.	.979 ft.	1.833 ft.	1.833 ft.		1.6	67 ft.		1.500 ft.	
Subcar	Information		Material							
Lengtl	n Width	Height	Left Overhang	Right Overh	nang	Left Pi	le to Splid	ce.		
Sill Info	rmation		Material Cast-	n-Place Concre	ete					
Lengtl	n Width	Height								
36.667 1	t. 3.000 ft.	4.500 ft.								
Pile#	Material	Spacing	Width/Dia. Heig	ht Length	Orie	ntation	Driven?	Replaceme	ent? Removed?	Collar?
1	Steel	6.25 ft.	1 ft.		Vert	tical	Yes	No	No	No
2	Steel	6.25 ft.	1 ft.		Vert	tical	Yes	No	No	No
3	Steel	6.25 ft.	1 ft.		Vert	tical	Yes	No	No	No
4	Steel	6.25 ft.	1 ft.		Vert	tical	Yes	No	No	No
5	Steel	6.25 ft.	1 ft.		Vert	tical	Yes	No	No	No
6	Steel		1 ft.		Vert	tical	Yes	No	No	No
Bent #:	1	•	Bent 2 similar				•			

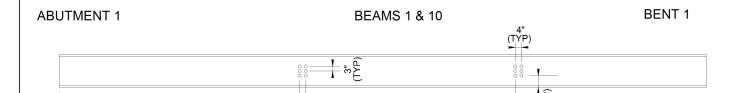


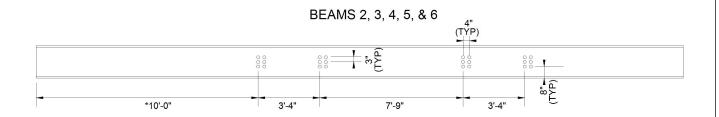
All Measurements Verified: D. Winters 5/27/2020

Title		Descri	ption			
Typical Bent Sketch		Data Worksheet				
Bridge No: 480166	Drawn By: RAP		Date: 8/18/08	File Name: S0138001533		

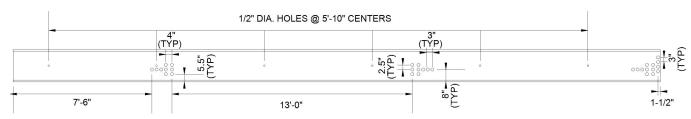
#### SPAN 1 BEAMS

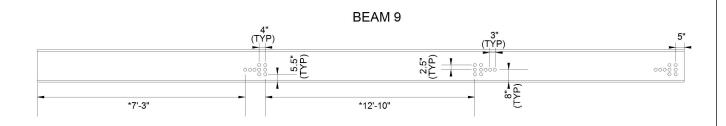
11'-4"





#### **BEAMS 7 & 8**





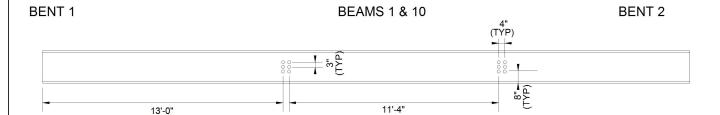
HOLES ARE 3/4" DIA.
UNLESS NOTED OTHERWISE
Measurements Verified: D. Winters 05/29/2020

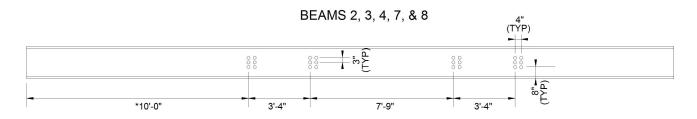
13'-0"

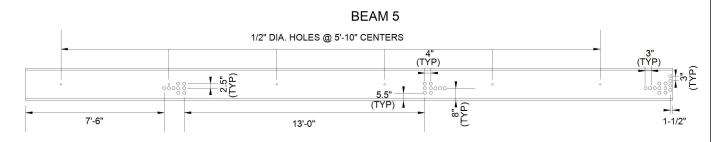
Title	Description
Salvaged Beam Sketch (1 of 3)	Data Worksheet

Calvagea Beath Cheton (1 of 6)			Data Worksheet				
Bridge No: 480166	Drawn By: H. BONILLA		Date: 5/1/2018	File Name: S0138001531			

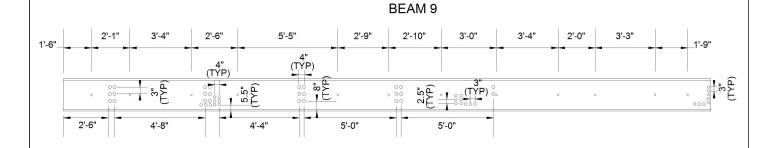
#### **SPAN 2 BEAMS**







#### NOTE: BEAM 6 IS BEAM 5 REVERSED

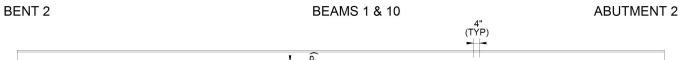


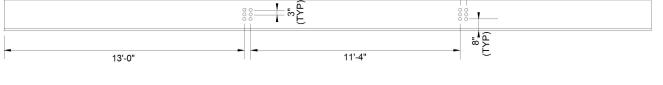
HOLES ARE 3/4" DIA. UNLESS NOTED OTHERWISE

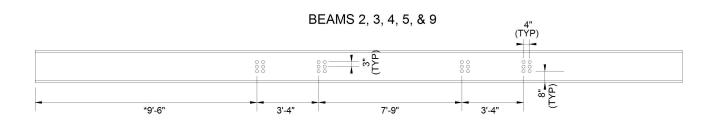
Measurements Verified: D. Winters 05/29/2020

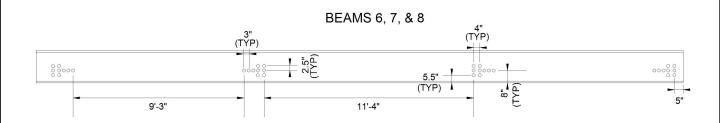
Title			Description				
Salvaged Beams Sketch	Salvaged Beams Sketch (2 of 3)		Data Worksheet				
Bridge No: 480166	Drawn By: H. BONILLA		Date:5/1/2018	File Name: \$0454000295			

#### **SPAN 3 BEAMS**







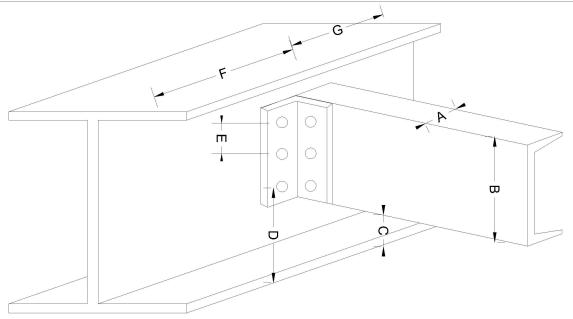


HOLES ARE 3/4" DIA.
UNLESS NOTED OTHERWISE

Measurements Verified: D. Winters 05/29/2020

Title		Description				
Salvaged Beams Sketch (3 of 3)		Data Worksheet				
Bridge No: 480166	pe No: 480166 Drawn By: H. BONILLA		Date: 5/1/2018	File Name: \$0454000296		

SPAN: ALL LOCATION: MID - SPAN



SPAN	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E	DIM. F	DIM. G	BOLT SIZE
ALL	2-5/8"	10"	5-1/4"	8-1/4"	3"	17' - 6"	17' - 6"	3/4"

Title		Descri	ption			
Interior Diaphragm Details		Data Worksheet				
Bridge No: 480166	Drawn By: RAP		Date: 8/18/08	File Name: S0138001530		



	Bridge Inspecti	on F	ield Sketo	:h
	PAGE INTENTIC	ΝΔΙΙ	Y I FFT BLAN	IK
	TAGE INTENTIO	/1 <b>4</b> / (L)		
Title		Descri	ption	
Bridge No:	Drawn By:		Date:	File Name: