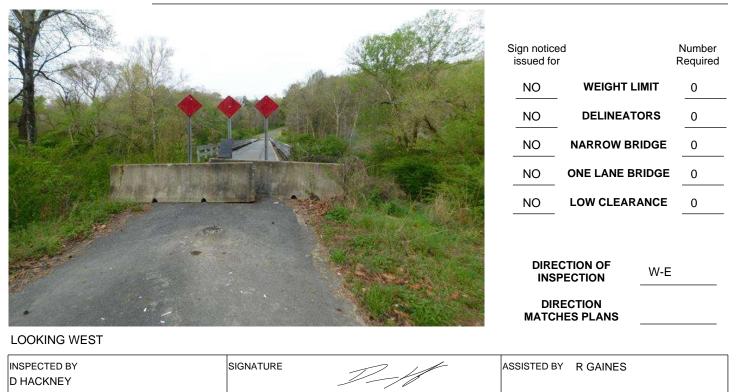
NC DEPARTMENT DIVISION OF HIGH STRUCTURE MANA		
	Structure Safety Report	
	Routine Element Inspection	
STRUCTURE NUMBER: 830102	SAP STRUCTURE NO:         0840102         FHWA STRUCTURE NO:         000000016701	02
DIVISION: 10 COUNTY: STAN	ILY INSPECTION DATE: 04/03/2023 FREQUENCY: 24 MONTHS	
FACILITY CARRIED: SR1917 (CLOS	MILE POST:	
LOCATION: 75 FT. W. JCT. SR1954		
FEATURE INTERSECTED: LONG CR	EEK	
LATITUDE: 35° 13' 25.87"	LONGITUDE: 80° 15' 32.25"	
SUPERSTRUCTURE:TIMBER DEC	K ON I-BEAMS	
SUBSTRUCTURE: ABUTS & BT#1-5	MASS CONCRETE, INT.BTS#6&7:STL CAP & PILE W/CONCRETE PEDESTAL	
SPANS: 8 SPANS. SEE SPAN PR	OFILE SHEET FOR SPAN DETAILS	
	MPORARY SHORING SCOUR CRITICAL SCOUR PLAN OF ACTION	
GRADES: (Inspector/NBI Coding) DEC	K <u>N/8</u> SUPERSTRUCTURE <u>N/3</u> SUBSTRUCTURE <u>N/5</u> CULVERT <u>N/N</u>	_
POSTED SV: 0	POSTED TTST: 0	

### OTHER SIGNS PRESENT: NONE



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

06/16/2023

(1) STATE NAME NORTH CAROLINA BRIDGE		830102	SUFFICIENCY RATING		2
(8) STRUCTURE NUMBER (FEDERAL)		1670102	STATUS =	Struct	urally Defic
(5) INVENTORY ROUTE (ON/UNDER) ON	31	1019170		CLASSIFICATION	
<ul> <li>(2) STATE HIGHWAY DEPARTMENT DISTRICT</li> <li>(3) COUNTY CODE (FEDERAL)</li> <li>167 (4) PLACE CODE</li> </ul>		10 0	(112) NBIS BRIDGE SYSTEM		
(6) FEATURE INTERSECTED LONG CREEK		U	(104) HIGHWAY SYSTEM	Inventory Route not on	NHS
(7) FACILITY CARRIED SR1917 (CLOSED)			(26) FUNCTIONAL CLASS	Rural L	ocal
(9) LOCATION <b>75 FT. W. JCT. SR1954</b>			(100) STRAHNET HIGHWAY	Not a STRAHNET R	oute
(11) MILEPOINT		0.0	(101) PARALLEL STRUCTURE		
12) BASE HIGHWAY NETWORK		0	(102) DIRECTION OF TRAFFIC	One lane br	dae
13) LRS INVENTORY ROUTE & SUBROUTE		0	(103) TEMPORARY STRUCTUR		-9-
(16) LATITUDE <b>35° 13' 25.87</b> " (17) LONGITUDE		32.25"			aka.
98) BORDER BRIDGE STATE CODE PERCENT 99) BORDER BRIDGE STRUCTURE NUMBER	SHARED			NETWORK - on national network for tru	
33) BONDER BRIDGE STRUCTURE ROMBER			(20) TOLL	On Free R	oad
STRUCTURE TYPE AND MATERIAL			(21) MAINT -		
43) STRUCTURE TYPE MAIN		Steel	(22) OWNER -		
TYPE Stringer/Multi-beam or gire	der CODE	302	(37) HISTORICAL SIGNIFICANO	CE -	
(44) STRUCTURE TYPE APPROACH					COD
TYPE	CODE		(58) DECK		
45) NUMBER OF SPANS IN MAIN UNIT		8	(59) SUPERSTRUCTURE		
46) NUMBER OF SPANS IN APPROACH		0	(60) SUBSTRUCTURE		
107) DECK STRUCTURE TYPE	CODE	8	(61) CHANNEL & CHANNEL PR	OTECTION	
108)WEARING SURFACE/PROTECTIVE SYSTEM	0002	c	(62) CULVERTS		
	CODE	6		DATING AND DOCTING	000
(A) TYPE OF WEARING SURFACE (B) TYPE OF MEMBRANE	CODE CODE	6 0	(31) DESIGN LOAD	RATING AND POSTING	
			. ,		
(C) TYPE OF DECK PROTECTION	CODE	0	(63) OPERATING RATING MET		
AGE AND SERVICE			(64) OPERATING RATING -		IS-2
(27) YEAR BUILT		1950	(65) INVENTORY RATING MET		
(106) YEAR RECONSTRUCTED		1982	(66) INVENTORY RATING	ŀ	IS-1
(42) TYPE OF SERVICE ON -	ŀ	lighway	(70) BRIDGE POSTING	Posting Requ	ired
OFF - Waterwa	ay CODE	15	(41) STRUCTURE OPEN, POST	ED, OR CLOSED	
28) LANES ON STRUCTURE 1 LANES UNDER STR	RUCTURE	0	DESCRIPTION	Bridge Closed to All Tra	fic
(29) AVERAGE DAILY TRAFFIC		190		APPRAISAL	
30) YEAR OF ADT 2015 (109) TRUCK ADT F	РСТ	6	(67) STRUCTURAL EVALUATIO		
19) BYPASS OR DETOUR LENGTH		2.0	(68) DECK GEOMETRY		
GEOMETRIC DATA			(69) UNDERCLEARANCES, VE		
48) LENGTH OF MAXIMUM SPAN		36.0	(71) WATERWAY ADEQUACY		
49) STRUCTURE LENGTH		254.0			
50) CURB OR SIDEWALK: LEFT 0.4 RIGHT		0.4	(72) APPROACH ROADWAY AL		
51) BRIDGE ROADWAY WIDTH, CURB TO CURB		11.2	(36) TRAFFIC SAFETY FEATUR		
(52) DECK WIDTH OUT TO OUT		12.3	(113) SCOUR CRITICAL BRIDG	ES	
32) APPROACH ROADWAY WITH (W/ SHOULDERS)	0005	16.0		OSED IMPROVEMENTS	
(33) BRIDGE MEDIAN (34) SKEW <b>0</b> (35) STRUCTURE FLARED	CODE	8 0000	(75) TYPE OF WORK		CODE
<ul> <li>34) SKEW</li> <li>0 (35) STRUCTURE FLARED</li> <li>10) INVENTORY ROUTE MIN VERT CLEAR</li> </ul>	,	999.9	(76) LENGTH OF STRUCTURE	IMPROVEMENT	
47) INVENTORY ROUTE TOTAL HORIZ CLEAR		0.0	(94) BRIDGE IMPROVEMENT C	COST	
53) MIN VERT CLEAR OVER BRIDGE RDWY		999.9	(95) ROADWAY IMPROVEMEN	T COST	
54) MIN VERT UNDERCLEAR: REFERENCE		0.0	(96) TOTAL PROJECT COST		
55) MIN LAT UNDERCLEARANCE RT: REFERENCE	Ν	0.0	(97) YEAR OF IMPROVEMENT	COST ESTIMATE	
56) MIN LAT UNDERCLEARANCE LT:		0.0	(114) FUTURE ADT	380 YEAR OF FUTURE ADT	2
38) NAVIGATION CONTROL -	CODE	5	(90) INSPECTION DATE	04/23 (91) FREQUE	NCY
111) PIER PROTECTION	CODE		(92) CRITICAL FEATURE INSPE		DATE
,	00DL		A) FRACTURE CRIT DET		=
		0.0			
116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR		0.0	B) UNDERWATER INSP	B)	
			C) OTHER SPECIAL INSP	C)	

# Superstructure Build Details

**Skew** 90.000

**Span Length** <u>27.250</u>

Span Number <u>1</u>

Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
Timber Rail	Timber Bridge Railing	56	Feet		
Other Bearing	Other Bearings	12	Each	Unknown	12
Asphalt Wearing Surface	Wearing Surface	305	Square Feet		
Timber Deck	Timber Deck	334	Square Feet		
Plate Girder	Steel Open Girder/Beam	168	Feet	Unknown	810
	Type of Component         Timber Rail         Other Bearing         Asphalt Wearing Surface         Timber Deck	Type of ComponentElement NameTimber RailTimber Bridge RailingOther BearingOther BearingsAsphalt Wearing SurfaceWearing SurfaceTimber DeckTimber Deck	Type of ComponentElement NameTimber RailTimber Bridge Railing56Other BearingOther Bearings12Asphalt Wearing SurfaceWearing Surface305Timber DeckTimber Deck334	Type of ComponentElement NameQuantityTimber RailTimber Bridge Railing56FeetOther BearingOther Bearings12EachAsphalt Wearing SurfaceWearing Surface305Square FeetTimber DeckTimber Deck334Square Feet	Type of ComponentElement NameQuantityProtective System AppliedTimber RailTimber Bridge Railing56FeetOther BearingOther Bearings12EachUnknownAsphalt Wearing SurfaceWearing Surface305Square FeetTimber DeckTimber Deck334Square Feet

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Timber Deck	Timber Deck	443	Square Feet		
1	Asphalt Wearing Surface	Wearing Surface	403	Square Feet		
2	Timber Rail	Timber Bridge Railing	74	Feet		
9	Plate Girder	Steel Open Girder/Beam	324	Feet	Unknown	1611
18	Other Bearing	Other Bearings	18	Each	Unknown	18
Span Nu	imber <u>3</u> Sp	an Length <u>36.083</u>		Sk	ew 90.000	

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Timber Deck	Timber Deck	443	Square Feet		
1	Asphalt Wearing Surface	Wearing Surface	403	Square Feet		
9	Plate Girder	Steel Open Girder/Beam	324	Feet	Unknown	1611
2	Timber Rail	Timber Bridge Railing	74	Feet		
18	Other Bearing	Other Bearings	18	Each	Unknown	18
Span Nu	ımber <u>4</u> Sp	ban Length <u>35.917</u>		Sk		

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
2	Timber Rail	Timber Bridge Railing	72	Feet		

# Superstructure Build Details

9	Plate Girder	Steel Open Girder/Beam	324	Feet	Unknown	1602
	o the Boaring	Caller Doallinge		Eddin		
18	Other Bearing	Wearing Surface Other Bearings	18	Each	Unknown	18

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
18	Other Bearing	Other Bearings	18	Each	Unknown	18
2	Timber Rail	Timber Bridge Railing	74	Feet		
1	Asphalt Wearing Surface	Wearing Surface	404	Square Feet		
1	Timber Deck	Timber Deck	439	Square Feet		
9	Plate Girder	Steel Open Girder/Beam	324	Feet	Unknown	1611
Span Nu	imber <u>6</u> Sp	an Length <u>27.000</u>		Sk	xew 90.000	

Number of Items	Type of Component	Element Name	Q	uantity	Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	302 \$	Square Feet		
1	Timber Deck	Timber Deck	331 \$	Square Feet		
12	Other Bearing	Other Bearings	12 1	Each	Unknown	12
6	Plate Girder	Steel Open Girder/Beam	162 I	Feet	Unknown	804
2	Timber Rail	Timber Bridge Railing	54 I	Feet		
Span Nu	imber <u>7</u> Spa	n Length <u>27.583</u>		Sk	ew 90.000	

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	309	Square Feet		
2	Timber Rail	Timber Bridge Railing	56	Feet		
1	Timber Deck	Timber Deck	338	Square Feet		

# Superstructure Build Details

12	Other Bearing	Other Bearings	12	Each	Unknown	12
6	Plate Girder	Steel Open Girder/Beam	168	Feet	Unknown	822
Span Nu	umber <u>8</u> Span	Length <u>27.417</u>		Sk	ew 90.000	

Number of Items	Type of Component	Element Name		Quantity	Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	307	Square Feet		
1	Timber Deck	Timber Deck	336	Square Feet		
2	Timber Rail	Timber Bridge Railing	56	Feet		
6	Plate Girder	Steel Open Girder/Beam	168	Feet	Unknown	816
12	Other Bearing	Other Bearings	12	Each	Unknown	12

# **Structure Element Scoring**

### Structure Number: 830102

# Inspection Date 4/3/2023

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
31		Timber Deck	Deck	3,104	3,104	0	0	0
107		Steel Open Girder/Beam	Beam	1,962	0	1,032	131	799
205		Reinforced Concrete Column	Piles and Columns	6	2	2	2	0
215		Reinforced Concrete Abutment	Abutments	51	9	0	42	0
225		Steel Pile	Piles and Columns	6	0	0	6	0
227		Reinforced Concrete Pile	Piles and Columns	1	1	0	0	0
231		Steel Pier Cap	Caps	24	2	13	1	8
234		Reinforced Concrete Pier Cap	Caps	69	49	0	20	0
316		Other Bearings	Bearing Device	120	0	120	0	0
332		Timber Bridge Railing	Bridge Rail	516	410	12	93	5 1
510		Wearing Surface	Wearing Surfaces	2,835	0	0	2,835	0
515	107	Steel Protective Coating	Beam	9,687	5,026	0	36	4,625
515	316	Steel Protective Coating	Bearing Device	120	0	0	0	120
515	231	Steel Protective Coating	Caps	160	135	0	0	25
515	225	Steel Protective Coating	Piles and Columns	894	804	0	0	90

# **Summary of Maintenance Needs**

Maintenance By Defect

### Structure Number: 830102

Inspection Date: 04/03/2023

MMS Code	Element Name	Defect Name	Recommended Quantity
3314	Steel Open Girder/Beam	Corrosion	939 Feet
3314	Steel Open Girder/Beam	Distortion	72 Feet
3348	Reinforced Concrete Column	Delamination/Spall	21 Each
3350	Reinforced Concrete Abutment	Delamination/Spall	5 Feet
3350	Reinforced Concrete Abutment	Cracking (RC and Other)	45 Feet
3354	Steel Pile	Corrosion	6 Each
3354	Steel Pier Cap	Corrosion	17 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	21 Feet
3348	Reinforced Concrete Pier Cap	Exposed Rebar	1 Feet
3316	Timber Bridge Railing	Connection	16 Feet
3316	Timber Bridge Railing	Split/Delamination (Timber)	115 Feet
2816	Wearing Surface	Crack (Wearing Surface)	2835 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	115 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	4745 Square Feet
3342	Steel Protective Coating	Peeling/Bubbling/Cracking (steel Protective Coatings)	36 Square Feet

# **Element Structure Maintenance Quantities**

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Beam	3314	Maintenance Steel Superstructure Components	1011	1962	799.000	131.000	1032.000	0.000
Beam	3342	Clean and Paint Steel	4661	9687	4625.000	36.000	0.000	5026.000
Bearing Device	3334	Bridge Bearing	0	120	0.000	0.000	120.000	0.000
Bearing Device	3342	Clean and Paint Steel	120	120	120.000	0.000	0.000	0.000
Bridge Rail	3316	Maintenance of Timber Bridge Rail	131	516	1.000	93.000	12.000	410.000
Deck	3324	Maintenance of Timber Deck Components	0	3104	0.000	0.000	0.000	3104.000
Wearing Surfaces	2816	Asphalt Surface Repair	2835	2835	0.000	2835.000	0.000	0.000
Abutments	3350	Maintenance of Concrete Wings and Wall	50	51	0.000	42.000	0.000	9.000
Caps	3342	Clean and Paint Steel	25	160	25.000	0.000	0.000	135.000
Caps	3348	Maintenance of Concrete Substructure	22	69	0.000	20.000	0.000	49.000
Caps	3354	Maintenance of Steel Substructure Components	17	24	8.000	1.000	13.000	2.000
Piles and Columns	3342	Clean and Paint Steel	90	894	90.000	0.000	0.000	804.000
Piles and Columns	3348	Maintenance of Concrete Substructure	0	1	0.000	0.000	0.000	1.000
Piles and Columns	3348	Maintenance of Concrete Substructure	21	6	0.000	2.000	2.000	2.000
Piles and Columns	3354	Maintenance of Steel Substructure Components	6	6	0.000	6.000	0.000	0.000

## **Element Condition and Maintenance Data**

tructure Num	ber: <u>830102</u>						In	spection Date: 04/03/2023
Span 1		Wea	aring Surface					
Asphal	t Wearing Surfa	ace						
Element Number 510		Element Name Surface		Total Qty 305	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 305	CS4 Qty 0 Square Feet
Element								Maint
	Defect Type ack (Wearing rface)	De THROUGHOUT, REFLE CRACKING CRACKING LONGITUDINAL CRACH THE OUTER 3" OF THE	UP TO 3/16" WID KING UP TO 5/8" \	E AND		3	<b>CS Qty</b> 305	Qty 305 Square Feet
Gen	eral Comments							
Span 1		Left	t Bridge Rail					
Timber	Rail							
Element Number 332	•	Element Name ridge Railing		Total Qty 28	<b>CS1</b> <b>Qty</b> 16	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 12	<b>CS4</b> Qty 0 Feet
Element	Defect Type	De	fect Description			CS	CS Qty	Maint
	lit/Delamination mber)	TOP BOARD FROM AB WEATHERED, DRY , AN ALONG THE LENGTH	UTMENT 1, THE 1			3	12	Qty 12 Feet
Gen	eral Comments							
Span 1		Bea	am 1					
Plate G	irder							
Element Number 107	•	Element Name en Girder/Beam		Total Qty 28	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 0	<b>CS4</b> Qty 28 Feet
515	Steel Pro	tective Coating		135	0	0	0	135 Square Feet
Element Number	Defect Type	De	fect Description			CS	CS Qty	Maint Otv
	rrosion	[PROMPT ACTION REG ALONG THE FULL LEN TO 80% SECTION LOS REMAINS] WITH SCALI ALONG THE FULL LEN APPROXIMATELY 50% 5/16" REMAINS]. LOWE THE LENGTH, CORROS APPROXIMATELY 50% 3/16" REMAINS].	QUEST] UPPER FL GTH, CORROSIO SS [AVERAGE 1/4" LOPING. LOWER GTH, CORROSIO SECTION LOSS [ R 2" OF THE WEB SION WITH	N WITH UP FLANGE N WITH AVERAGE 3 ALONG		4	28	Qty 28 Feet
	ectiveness (Steel otective Coatings)	PROTECTIVE COATING	G FAILED			4	135	135 Square Feet
Gen	eral Comments							

### Span 1 Other Bearing

Elem Num 316	iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Each
310	Other Bo	eanings	I	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1		Each
	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	ס		4	1		1 Square Feet

General Comments

Spa	in 1	Far Bearing	3					
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	0	1	Square Feet
Elemen Numbe	Dofact Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1	Ē	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Feet
	General Comments							

Span 1

Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	28	0	0	0	28 Feet
515	Steel Protective Coating	135	0	0	0	135 Square Feet

Element Number	Dofact Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	[PROMPT ACTION REQUEST] UPPER FLANGE ALONG THE FULL LENGTH, CORROSION WITH UP TO 80% SECTION LOSS [AVERAGE 1/4" REMAINS] WITH SCALLOPING. LOWER FLANGE FOR APPROXIMATELY 18" LONG, CORROSION WITH UP TO 100% SECTION LOSS [AVERAGE 1/16" REMAINS] WITH PERFORATIONS AND KNIFE EDGING. LOWER 2" OF THE WEB FOR APPROXIMATELY 18" LONG, CORROSION WITH APPROXIMATELY 80% SECTION LOSS [AVERAGE 1/8" REMAINS].	4	28	28	Feet
107	Corrosion	ALONG THE LENGTH, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2			Feet
	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	135	135	Square Fee
ī	General Comments					

Span	1	Beam 3						
Plate	Girder							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	28	0	28	0	0	Feet
515	515 Steel Protective Coating		135	99	0	0	36	Square Feet
Element Number	Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	
107 (	Corrosion	ALONG THE BEAM, FRECKLE SCATTERED SURFACE CORF FLAKING RUST AND PITTING	ROSION WITH		2	28		Feet
	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 25% PROTE FAILURE	ECTIVE COATING		4	36	3	6 Square Feet
G	eneral Comments							
Span	1	Near Bea	ring					
Othe	r Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pro	otective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	

Numbe		-		-	aly
316	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1 Square Feet
	General Comments				

### Span 1

### Far Bearing

### Other 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	0	1	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	)		4	1		1 Square Feet
0	General Comments							

### Span 1

### Near 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	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: <u>830102</u>			Inspe	ction Date: 04/03/2023
316	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1 Square Feet
	General Comments				

# Span 1

Far Bearing

### **Other Bearing**

our	or bourning							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FLA	KING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Feet
-	General Comments							

Spa	an 1	Beam 4						
Pla	te Girder							
	ement mber Ste	Element Name el Open Girder/Beam	Total Qty 28	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 0	<b>CS4</b> Qty 28 F	eet
515	Ste	el Protective Coating	135	65	0	0	70 \$	Square Feet
Elemer Numbe	Defect Type	e Defect De	escription		CS	CS Qty	Maint Qty	
<b>☐ 107</b>	Corrosion	[PROMPT ACTION REQUEST ALONG THE FULL LENGTH, ( TO 80% SECTION LOSS [AV REMAINS] WITH SCALLOPIN FOR APPROXIMATELY 18" LO WITH UP TO 80% SECTION L REMAINS].	CORROSION WITH UP ERAGE 1/4" G. LOWER FLANGE ONG, CORROSION		4	28	28	Feet
107	Corrosion	ALONG THE LENGTH, FRECH AND SCATTERED SURFACE			2			Feet
515	Effectiveness (Sto Protective Coatin		ECTIVE COATING		4	70	70	Square Feet
	General Commen	ts						

Spa	an 1		Near Bear	ing					
Oth	ner Bearir	ng							
	ement Imber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings	1	0	1	0	0	Each
515		Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Eleme Numbe	Dofe	ect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	I	SURFACE CORROSION AND F	LAKING RUST		2	1		Each
515		ess (Steel Coatings)	PROTECTIVE COATING FAILED	0		4	1		1 Square Feet
	General Co	omments							

Spa	n 1		Far Bearing						
•	er Bearing		r ar Doarnig						
Elei	ment mber	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Bearings		1	0	1	0	0 E	ach
515	:	Steel Protective Coating		1	0	0	0	1 5	Square Feet
Elemen Numbe		уре	Defect Descripti	on		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE CO	RROSION AND FLAKI	NG RUST		2	1	QLY	Each
515	Effectiveness Protective Coa	<b>`</b>	COATING FAILED			4	1	1	Square Feet
	General Comm	nents							
Spa	ın 1		Beam 5						
Plat	te Girder								
	ment mber	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	:	Steel Open Girder/Beam		28	0	0	0	28 F	eet
515	:	Steel Protective Coating		135	65	0	0	70 \$	Square Feet
Elemen Numbe	Dofoot T	уре	Defect Descripti	on		cs	CS Qty	Maint Qty	
] 107	Corrosion	ALONG THE F TO 90% SECT REMAINS] WIT ALONG THE F APPROXIMATI 3/16" REMAINS OF THE WEB /	ION REQUEST] UPPE ULL LENGTH, CORRC ION LOSS [AVERAGE 'H SCALLOPING. LOW ULL LENGTH, CORRC ELY 90% SECTION LC S] WITH SCALLOPING ALONG THE LENGTH, (IMATELY 50% SECTI 6" REMAINS].	SION WITH UP 3/16" /ER FLANGE SION WITH SS [AVERAGE . LOWER 1" CORROSION		4	28	20	Feet
107	Corrosion		ENGTH, FRECKLED C RED SURFACE CORR			2			Feet
515	Effectiveness Protective Coa General Comm	atings) FAILURE	ELY 50% PROTECTIV	E COATING		4	70	70	Square Feet
Spa	n 1		Near Bearing						
•	er Bearing		nou Doanny						
Elei	ment mber	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Bearings		1	0	1	0	-	ach
515	:	Steel Protective Coating		1	0	0	0	1 5	Square Feet
Elemen Numbe		уре	Defect Descripti	on		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE CO	RROSION AND FLAKII	NG RUST		2	1		Each
515	Effectiveness Protective Coa		COATING FAILED			4	1	1	Square Feet
	General Comm								

Sp	an 1		Far Bea	ring					
Otl	her Bear	ing							
	ement umber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	5	Other B	earings	1	0	1	0	0	Each
515	5	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Eleme Numb	Do	fect Type	Defect D	escription		CS	CS Qty	Maint Qty	
316	Corrosio	'n	SURFACE CORROSION AND	FLAKING RUST		2	1		Each
515		eness (Steel ve Coatings)	PROTECTIVE COATING FAIL	-ED		4	1		1 Square Feet
	General C	Comments							

Span 1
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Beam 6

### **Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	28	0	0	0	28 Feet
515	Steel Protective Coating	135	0	0	0	135 Square Feet

Element Number	Dofact Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	[PROMPT ACTION REQUEST] UPPER FLANGE ALONG THE FULL LENGTH, CORROSION WITH UP TO 90% SECTION LOSS [AVERAGE 1/8" REMAINS] WITH SCALLOPING AND KNIFE EDGING. LOWER FLANGE AT THE BEAM ENDS, CORROSION WITH APPROXIMATELY 90% SECTION LOSS [AVERAGE 1/16" REMAINS] WITH SCALLOPING. LOWER 1" OF THE WEB ALONG THE LENGTH, CORROSION WITH UP TO 95% SECTION LOSS [AVERAGE 1/16" REMAINS WITH PERFORATIONS].	4	28	28	Feet
107	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2			Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	135	135	Square Feet

**General Comments** 

**Near Bearing** 

### Other Bearing

Span 1

Our	ier bearing							
Nur	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Type	Defect Description	ion		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FLAKI	NG RUST		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Feet
	General Comments							

# Other Bearing

Span 1

	<b>3</b>							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Defect Type	Defect Desc	iption		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Feet
	General Comments							

### Span 2

Wearing Surface

### Asphalt Wearing Surface

Elemo Numl 510	ber	Element Name g Surface	Total Qty 403	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> Qty 0	<b>CS3</b> <b>Qty</b> 403	<b>CS4</b> Qty 0 S	quare Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
	Crack (Wearing Surface)	THROUGHOUT, REFLECTIVE CRACKING CRACKING UP TO LONGITUDINAL CRACKING UF THE OUTER 3" OF THE MAT	3/16" WIDE AND		3	403	403	Square Feet

Spa	n 2	Left Bridg	je Rail					
Tim	ber Rail							
	nent nber Timbor	Element Name	Total Qty 37	<b>CS1</b> Qty 36	<b>CS2</b> <b>Qty</b> 0	CS3 Qty	CS4 Qty 0 Feet	
332	TIMber	Bridge Railing	57	30	0	I	U Feel	
Elemen Numbe	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
332	Split/Delamination (Timber)	POST 2, VERTICALLY SPLIT U APPROXIMATELY 2' HIGH, AN IS SPLIT SIMILARLY			3	1	4 Fe	eet
-	General Comments							
Spa	n 2	Right Brid	lge Rail					
Tim	ber Rail							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber	Bridge Railing	37	35	0	2	0 Feet	
Elemen Number	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
332	Connection	TOP BOARD HAS LOST A CON	NECTION AT A		3	1	1 Fe	eet

	Connection	JOINT	5	I	1 1001
332	Split/Delamination (Timber)	POST 3, VERTICALLY SPLIT UP TO 1/2" WIDE X APPROXIMATELY 2' HIGH, AND THE OUTRIGGER IS BROKEN WITH THE TOP HALF MISSING	3	1	4 Feet

**General Comments** 

Spa	an 2	В	eam 1						
Pla	te Girder								
Nu	ment mber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	_
107		Steel Open Girder/Beam		36	0	0	0		Feet
515		Steel Protective Coating		179	0	0	0	179	Square Feet
Element Number Defect 1					CS	CS Qty	Maint Qty		
107	Corrosion	[PROMPT ACTION R 2, UPPER 3" OF THE 100% SECTION LOS APPROXIMATELY 90 1/16" REMAINS] FOR	E WEB, CORROSION S FOR 1% LONG, AN 1% SECTION LOSS [/	WITH ID THEN AVERAGE		4	2	:	2 Feet
107	Corrosion	[PROMPT ACTION R ALONG THE FULL LE APPROXIMATELY 90 1/16" REMAINS] WITI SCALLOPING. LOWE LENGTH, CORROSIO 90% SECTION LOSS WITH KNIFE EDGING 2" OF THE WEB ALO CORROSION WITH A SECTION LOSS [AVE SCATTERED PERFO 1" DIAMETER. LOWE THE LENGTH, UP TO [AVERAGE 1/8" REM LOWER 2" OF THE V FOR APPROXIMATE NOTICEABLE SAG.	ENGTH, CORROSIOI 1% SECTION LOSS [, H KNIFE EDGING AN R FLANGE ALONG (AVERAGE 1/16" RE AND SCALLOPING NG THE LENGTH, APPROXIMATELY 90 ERAGE 3/32" REMAII RATIONS AND HOLL RATIONS AND HOLL RATIONS AND HOL ST5% SECTION LOS AINS]. BEAM END A VEB, 100% SECTION	N WITH AVERAGE ID THE FULL ATELY MAINSJ . UPPER % NSJ WITH ES UP TO LONG S T BENT 1, LOSS		4	34	3	4 Feet
515	Effectiveness Protective Co		NG FAILED			4	179	179	9 Square Feet
	General Comr	nents							
Spa	an 2	N	ear Bearing						

**Other Bearing** Element Total CS1 CS2 CS3 CS4 Number **Element Name** Qty Qty Qty Qty Qty 316 Other Bearings 0 Each 1 0 1 0 515 0 0 Steel Protective Coating 1 0 1 Square Feet Element Maint Defect Type **Defect Description** CS CS Qty Qty Number SURFACE CORROSION AND FLAKING RUST 316 Corrosion 2 1 Each Effectiveness (Steel Protective Coatings) 515 PROTECTIVE COATING FAILED 4 1 1 Square Feet **General Comments** 

Span 2	
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### Beam 2

Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Ste	el Open Girder/Beam	36	0	0	0	36	Feet
515	Ste	el Protective Coating	179	0	0	0	179	Square Feet
Element Number	Defect Type	e Defect Desc	ription		CS	CS Qty	Maint Qty	
] <b>107</b> Co	orrosion	[PROMPT ACTION REQUEST] U ALONG THE FULL LENGTH, CO APPROXIMATELY 90% SECTION 1/16" REMAINS] WITH KNIFE ED SCALLOPING. LOWER FLANGE LENGTH, CORROSION WITH AF 90% SECTION LOSS [AVERAGE WITH KNIFE EDGING AND SCAI 2" OF THE WEB ALONG THE LE CORROSION WITH APPROXIMA SECTION LOSS [AVERAGE 3/32 SCATTERED PERFORATIONS A 1" DIAMETER. LOWER 2" OF TH THE LENGTH, UP TO 75% SECT [AVERAGE 1/8" REMAINS]. BEAI LOWER 2" OF THE WEB, 100% S FOR APPROXIMATELY 8" LONG	RROSION WITH N LOSS [AVERAGE OGING AND ALONG THE FULL PPROXIMATELY 1/16" REMAINS] LOPING. UPPER NGTH, ATELY 90% " REMAINS] WITH ND HOLES UP TO E WEB ALONG TON LOSS M END AT BENT 1, SECTION LOSS		4	36	3	6 Feet

### Effectiveness (Steel Protective Coatings) 515 PROTECTIVE COATING FAILED 179 179 Square Feet 4

Spa	an 2	Near Beari	ng					
Oth	her Bearing							
	ement umber	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	0	1	Square Feet
Eleme Numb	Dofact Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Feet
	General Comments							

Span 2 Plate Gi	rder	Beam 3						
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		36	0	0	0	36	Feet
515	Steel Protective Coating		179	0	0	0	179	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure Number: 830102			Insp	ection Date: 04/03/2023
107 Corrosion	[PROMPT ACTION REQUEST] UPPER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 90% SECTION LOSS [AVERAGE 1/16" REMAINS] WITH KNIFE EDGING AND SCALLOPING. LOWER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 90% SECTION LOSS [AVERAGE 1/16" REMAINS] WITH KNIFE EDGING AND SCALLOPING. UPPER 2" OF THE WEB ALONG THE LENGTH, CORROSION WITH APPROXIMATELY 90% SECTION LOSS [AVERAGE 3/32" REMAINS] SCATTERED PERFORATIONS. LOWER 2" OF THE WEB ALONG THE LENGTH, UP TO 75% SECTION LOSS [AVERAGE 1/8" REMAINS]. BEAM END AT BENT 1, LOWER 2" OF THE WEB, 100% SECTION LOSS FOR APPROXIMATELY 4" LONG.	4	36	36 Feet
<b>515</b> Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	179	179 Square Feet

Spa	ın 2	Near Bearing						
Oth	er Bearing							
	m <mark>ent</mark> nber Other Be	Element Name	Total Qty	<b>CS1</b> <b>Qty</b> 0	CS2 Qty	<b>CS3</b> <b>Qty</b> 0	CS4 Qty	
515		otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo	Defect Descripti	on		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FLAKIN	NG RUST		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Feet
	General Comments							
Spa	ın 2	Beam 4						
	e Girder							

	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	oen Girder/Beam	36	0	36	0	0	Feet
515	Steel Pro	otective Coating	179	170	0	0	9	Square Feet
Eleme	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
107	Corrosion	ALONG THE BEAM, FRECKLED CORRO SCATTERED SURFACE CORROSION	OSION AND		2	36		Feet
515	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 5% PROTECTIVE CC FAILURE	DATING		4	9	9	9 Square Feet
	General Comments							

# Span 2

Oth	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 Ea	ich
515	Steel Pr	otective Coating	1	0	0	0	1 Sc	luare Feet
Elemer Numbe	Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND	FLAKING RUST		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	D		4	1	1	Square Feet
	Gonoral Commonte							

**General Comments** 

Spa	an 2	Beam 5						
Plat	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel C	pen Girder/Beam	36	0	36	0	0	Feet
515	Steel F	rotective Coating	179	170	0	0	9 3	Square Feet
Elemer Numbe	Dofact Type	Defect De	scription		CS	CS Qty	Maint Qty	
107	Corrosion	ALONG THE BEAM, FRECKLE SCATTERED SURFACE CORF			2	36	-	Feet
515	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 5% PROTE FAILURE	CTIVE COATING		4	9	g	Square Feet
	General Comments							

**General Comments** 

### Span 2

### **Near Bearing**

### **Other Bearing**

Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
316 0	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
	ffectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	D		4	1		1 Square Feet

Span 2 Plate Gi	irder	Beam 6						
Element Number 107		Element Name en Girder/Beam	Total Qty 36	<b>CS1</b> Qty 0	CS2 Qty 36	<b>CS3</b> <b>Qty</b> 0	CS4 Qty 0	
515		otective Coating	179	170	0	0	9	Square Feet
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
<b>107</b> Corr	rosion	ALONG THE BEAM, FRECKLED SCATTERED SURFACE CORRC			2	36		Feet

APPROXIMATELY 5% PROTECTIVE COATING FAILURE

Inspection Date: 04/03/2023

9 Square Feet

9

4

515 Effectiveness (Steel Protective Coatings) General Comments

Other F								
	Bearing							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
316	Other Be	arings	1	0	1	0	0	Each
515	Steel Pro	tective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	
] <b>316</b> Cor	rrosion	SURFACE CORROSION AND	FLAKING RUST		2	1		Each
	ectiveness (Steel otective Coatings)	PROTECTIVE COATING FAILE	Ð		4	1		1 Square Feet
Gen	eral Comments							
Span 2		Beam 7						
Plate G		Bouint						
Element	t	Element Name	Total	CS1	CS2	CS3	CS4	
Number 107		en Girder/Beam	<b>Qty</b> 36	<b>Qty</b> 0	<b>Qty</b> 36	<b>Qty</b> 0	Qty 0	Feet
515	Steel Pro	tective Coating	179	170	0	0	9	Square Feet
Element Number	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
] <b>107</b> Cor	rrosion	ALONG THE BEAM, FRECKLE SCATTERED SURFACE CORF			2	36	-	Feet
	ectiveness (Steel otective Coatings)	APPROXIMATELY 5% PROTE	CTIVE COATING		4	9		9 Square Feet
Gen	eral Comments							
Span 2		Near Bea	ring					
Other E	Bearing							
Element Number	r	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
316 515	Other Be	tective Coating	1	0 0	1 0	0 0		Each Square Feet
		Course Coaling	I	0	0	U		•
Element Number	Defect Type	Defect De	-		CS	CS Qty	Maint Qty	
] <b>316</b> Cor	rrosion	SURFACE CORROSION AND	FLAKING RUST		2	1		Each
	ectiveness (Steel otective Coatings)	PROTECTIVE COATING FAILE	Ð		4	1		1 Square Feet

Span 2

Dista	Girde
FIGLE	Girue

Plate	Girder						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Ste	eel Open Girder/Beam	36	0	0	0	36 Feet
515	Ste	eel Protective Coating	179	0	0	0	179 Square Feet
Element Number	Defect Typ	e Defect Desci	iption		CS	CS Qty	Maint Qty
] <b>107</b> (	Corrosion	[PROMPT ACTION REQUEST] UP ALONG THE FULL LENGTH, COP APPROXIMATELY 90% SECTION 1/16" REMAINS] WITH KNIFE ED SCALLOPING LOWER FLANGE	ROSION WITH LOSS [AVERAGE GING AND		4	36	36 Feet

Beam 8

	END AT BENT 1, LOWER 2" OF THE WEB, 100% SECTION LOSS FOR APPROXIMATELY 5" LONG.			
	SECTION LOSS FOR APPROXIMATELY 5" LONG.	,	470	170 Ocurre Fact
515 Effectiveness (Steel Protective Coatings)		4	179	179 Square Feet

Spa	an 2	Near Bea	ring					
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 P	rotective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND	FLAKING RUST		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	Ð		4	1		1 Square Feet
	General Comments							

Span 2		Beam 9						
Plate Gi	rder							
Element Number	Element Name	•	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		36	0	0	0	36	Feet
515	Steel Protective Coating		179	0	0	0	179	Square Feet
ement umber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: 830102			Insp	ection Date: 04/03/2023
☐ 107	Corrosion	[PROMPT ACTION REQUEST] UPPER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 90% SECTION LOSS [AVERAGE 1/16" REMAINS] WITH KNIFE EDGING AND SCALLOPING. LOWER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 90% SECTION LOSS [AVERAGE 1/16" REMAINS] WITH KNIFE EDGING AND SCALLOPING. UPPER 2" OF THE WEB ALONG THE LENGTH, CORROSION WITH APPROXIMATELY 90% SECTION LOSS [AVERAGE 3/32" REMAINS] WITH SCATTERED PERFORATIONS AND HOLES UP TO 1" DIAMETER. LOWER 2" OF THE WEB ALONG THE LENGTH, UP TO 75% SECTION LOSS [AVERAGE 1/8" REMAINS]. BEAM END AT BENT 1, LOWER 2" OF THE WEB, 100% SECTION LOSS FOR APPROXIMATELY 4" LONG. THE BEAM HAS A NOTICEABLE SAG.	4	36	36 Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	179	179 Square Feet

**General Comments** 

Spa	an 2	Near Bearin	ng					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other I	Bearings	1	0	1	0	0	Each
515	Steel F	Protective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Feet
	General Comments							

-	an 2	Far Bearir	g					
Ele	ner Bearing ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILER	D		4	1		1 Square Feet
	General Comments							

# Span 2

Oth	er Bearing							
	ment 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	0	1	Square Feet
Elemen Numbe	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	D		4	1		1 Square Feet
-	Conorol Commonto							

General Comments

Spa	an 2		Fa	ar Bearing						
Oth	ner Beari	ing								
	ement Imber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings		1	0	1	0	0	Each
515		Steel Pr	otective Coating		1	0	0	0	1	Square Feet
Elemer Numbe	Dof	fect Type		Defect Description			CS	CS Qty	Maint Qty	
316	Corrosio	n	SURFACE CORROSI	ON AND FLAKING F	RUST		2	1		Each
515		ness (Steel e Coatings)	PROTECTIVE COATI	NG FAILED			4	1		1 Square Feet
	General C	Comments								

Span 2

Far Bearing

**Other 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	0	1	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	·	Each
	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	)		4	1		1 Square Feet

Span 2 **Far Bearing Other Bearing** Total CS1 CS2 CS3 CS4 Element **Element Name** Qty Number Qty Qty Qty Qty 316 Other Bearings 0 0 Each 1 1 0 515 Steel Protective Coating 1 0 0 0 1 Square Feet Element Maint CS Qty **Defect Type Defect Description** CS Number Qty SURFACE CORROSION AND FLAKING RUST 2 316 Corrosion 1 Each

# **515** Effectiveness (Steel Protective Coatings)

PROTECTIVE COATING FAILED

Inspection Date: 04/03/2023

1 1 Square Feet

4

### **General Comments**

0	0	<b>F D</b>	· · · ·					
-	an 2	Far Be	earing					
Oth	her Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		her Bearings	1	0	1	0	•	Each
515	St	eel Protective Coating	1	0	0	0	1	Square Feet
Eleme	Defect Tre	no Dofoo	t Description		CS	CS Qty	Maint	
		SURFACE CORROSION A	-		2	<b>CS QIY</b>	Qty	Each
316	Corrosion	SURFACE CORROSION A	ND FLAKING RUST		2	I		Each
515	Effectiveness (S Protective Coati		AILED		4	1		1 Square Feet
	General Comme							
Sna	an 2	Far Be	aring					
-								
Oth	her Bearing							
	ement	Element Neme	Total	CS1	CS2	CS3	CS4	
NU 316	mber O	Element Name her Bearings	<b>Qty</b> 1	Qty 0	Qty 1	<b>Qty</b> 0	<b>Qty</b> 0	Each
515		eel Protective Coating	1	0	0	0		Square Feet
			•		Ŭ			oquaio i oot
Eleme	Dofoot Typ	De Defec	t Description		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION A	ND FLAKING RUST		2	1	<b>L</b> IJ	Each
515	Effectiveness (S Protective Coati		AILED		4	1		1 Square Feet
	General Comme							
Spa	an 2	Far Be	earing					
Oth	ner Bearing							
	ement		Total	CS1	CS2	CS3	CS4	
Nu 316	mber	Element Name her Bearings	<b>Qty</b> 1	Qty 0	Qty 1	<b>Qty</b> 0	Qty	Each
		-		-		-		
515	51	eel Protective Coating	1	0	0	0		Square Feet
Elemer Numbe		De Defec	t Description		CS	CS Qty	Maint Qty	
	Corrosion	SURFACE CORROSION A	-		2	1	GUY	Each
515	Effectiveness (S Protective Coati		AILED		4	1		1 Square Feet
	General Comme							

Spa	an 2	Far Bearin	g					
Oth	ner 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 Pro	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	)		4	1		1 Square Feet
	General Comments							

Span 3

Wearing Surface

### Asphalt Wearing Surface

Elemo Numl 510	ber	Element Name g Surface	Total Qty 403	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> Qty 0	<b>CS3</b> <b>Qty</b> 403	<b>CS4</b> Qty 0 S	quare Feet
Element Number	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
	Crack (Wearing Surface)	THROUGHOUT, REFLECTIVE CRACKING CRACKING UP TO LONGITUDINAL CRACKING UF THE OUTER 3" OF THE MAT	3/16" WIDE AND		3	403	403	Square Feet

Span 3			Left Bri	dge Rail				
Tim	ber Rail							
	ment nber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
332		Timber E	Bridge Railing	37	36	0	1	0 Feet
Elemen Number	Dofo	ct Type	Defect	Description		CS	CS Qty	Maint Qty
332	Split/Delar (Timber)	mination	POST 7, THE OUTRIGGER I X UP TO 1" WIDE	IS SPLIT FULL LENGTH		3	1	1 Feet
(	General Co	omments						
Spa	n 3		Beam 1					
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	0	0	36 Feet
515		Steel Pre	otective Coating	179	0	0	0	179 Square Feet

Element Number	Defect Type	Defect Description	cs	CS Qty	Maint Qty	

Structure	Number: 830102			Inspe	ection Date: 04/03/2023
☐ 107	Corrosion	[PROMPT ACTION REQUEST] UPPER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 90% SECTION LOSS [AVERAGE 1/16" REMAINS] WITH KNIFE EDGING AND SCALLOPING. LOWER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 95% SECTION LOSS [AVERAGE 1/32" REMAINS] WITH KNIFE EDGING AND SCALLOPING. UPPER 2" OF THE WEB ALONG THE LENGTH, CORROSION WITH APPROXIMATELY 90% SECTION LOSS [AVERAGE 3/32" REMAINS] WITH SCATTERED PERFORATIONS AND HOLES UP TO 1" DIAMETER. LOWER 2" OF THE WEB ALONG THE LENGTH, UP TO 75% SECTION LOSS [AVERAGE 1/8" REMAINS]. BEAM END AT BENT 2, UPPER 3" OF THE WEB, 100% SECTION LOSS FOR APPROXIMATELY 3" LONG. THE BEAM HAS A NOTICEABLE SAG.	4	36	36 Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	179	179 Square Feet

**General Comments** 

Spa	in 3		Near Bear	ing					
Oth	er Bearing								
	ment 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	0	1	Square Feet
Elemen Numbe	Dofoot	Туре	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion		SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
515	Effectiveness Protective Co		PROTECTIVE COATING FAILE	D		4	1		1 Square Feet
-	General Com	ments							

-	an 3 ner Bearing	Far Bearing	9					
Nu	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 P	rotective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Feet
	General Comments							

Span 3

Beam 2
--------

Plat	e Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Ste	el Open Girder/Beam	36	0	0	36	0	Feet
515	Ste	el Protective Coating	179	143	0	0	36	Square Feet
Elemen Numbe	Dofact Type	Defect Descr	iption		cs	CS Qty	Maint Qty	
<b>∐</b> 107	Corrosion	[PROMPT ACTION REQUEST] AL FLANGE IN THE OUTER 3", COR TO 50% SECTION LOSS [AVERA REMAINS].	ROSION WITH UP		3	36	36	6 Feet
515	Effectiveness (Ste Protective Coating		TIVE COATING		4	36	36	6 Square Feet
	General Commen	ts						

Span Other	n 3 r Bearing	Near Bear	ing					
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	)		4	1		1 Square Feet
G	General Comments							

Sp	an 3			Far Bearing						
Ot	her Bearing	)								
	ement umber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	6	Other Be	earings		1	0	1	0	0	Each
515	5	Steel Pr	otective Coating		1	0	0	0	1	Square Feet
Eleme Numb	Dofoc	t Type		Defect Description			CS	CS Qty	Maint Qty	
316	Corrosion		SURFACE CORRC	SION AND FLAKING R	RUST		2	1		Each
515	Effectivenes Protective C		PROTECTIVE COA	ATING FAILED			4	1		1 Square Feet
	General Con	nments								

# Span 3

Plate Girder	

	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel	Open Girder/Beam	36	0	0	36	0 Fe	et
515	Steel	Protective Coating	179	143	0	0	36 So	quare Feet
Elemer Numbe	Dofact Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
<u> </u>	Corrosion	[PROMPT ACTION REQUEST] ALC FLANGE IN THE OUTER 2", CORR TO 50% SECTION LOSS [AVERAG REMAINS].	OSION WITH UP		3	36	36	Feet
515	Effectiveness (Steel Protective Coatings		IVE COATING		4	36	36	Square Feet
	<b>General Comments</b>							

Beam 3

Spa	an 3		Near Be	earing					
Oth	ner Bea	aring							
	ement Imber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other Be	earings	1	0	1	0	0	Each
515		Steel Pro	ptective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	· · ·	Defect Type	Defect I	Description		CS	CS Qty	Maint Qty	
316	Corros	sion	SURFACE CORROSION AN	D FLAKING RUST		2	1	-	Each
515		veness (Steel tive Coatings)	PROTECTIVE COATING FAI	LED		4	1		1 Square Feet
	Genera	I Comments							

Spa	an 3	Far Bearing	g					
Oth	ner Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofact Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	1		4	1		1 Square Feet
	General Comments							

Span	3

Beam 4

	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Op	en Girder/Beam	36	0	36	0	0 Feet
515	Steel Pr	otective Coating	179	143	0	0	36 Square Feet
Elemen Number	Dofact Type	Defect Descri	ption		CS	CS Qty	Maint Qty
107	Corrosion	ALONG THE BEAM, FRECKLED C SCATTERED SURFACE CORROS			2	36	Feet
515	Effectiveness (Steel Protective Coatings)	SCATTERED PAINT FAILURE, FIN PRIMER COATS, THROUGHOUT BOTTOM FLANGES AND WEB OF	THE TOP AND		4	36	36 Square Fee

General Comments

Spa	an 3			Near Bearing						
Oth	her Bear	ing								
	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	0	1	Square Feet
Elemer Numbe	Do	fect Type		Defect Description			CS	CS Qty	Maint Qty	
316	Corrosio	n	SURFACE CORRC	SION AND FLAKING	RUST		2	1		Each
515		ness (Steel re Coatings)	PROTECTIVE COA	ATING FAILED			4	1		1 Square Feet
	General C	Comments								

### Span 3

Far Bearing

### **Other Bearing**

5							
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other Be	earings	1	0	1	0	0	Each
Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	
Corrosion	SURFACE CORROSION AND FLAP	(ING RUST		2	1	-	Each
Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Feet
Seneral Comments							
	ent ber Other Be Steel Pro Defect Type Corrosion Effectiveness (Steel Protective Coatings)	ent ber Element Name Other Bearings Steel Protective Coating Defect Type Defect Descrip Corrosion SURFACE CORROSION AND FLAR Effectiveness (Steel PROTECTIVE COATING FAILED Protective Coatings)	ent ber     Total Qty       Other Bearings     1       Steel Protective Coating     1       Defect Type     Defect Description       Corrosion     SURFACE CORROSION AND FLAKING RUST       Effectiveness (Steel Protective Coatings)     PROTECTIVE COATING FAILED	ent ber     Total Qty     CS1 Qty       Other Bearings     1     0       Steel Protective Coating     1     0       Defect Type     Defect Description       Corrosion     SURFACE CORROSION AND FLAKING RUST       Effectiveness (Steel Protective Coatings)     PROTECTIVE COATING FAILED	ent ber     Total Qty     CS1 Qty Qty     CS2 Qty Qty       Other Bearings     1     0     1       Steel Protective Coating     1     0     0       Defect Type     Defect Description     CS       Corrosion     SURFACE CORROSION AND FLAKING RUST     2       Effectiveness (Steel Protective Coatings)     PROTECTIVE COATING FAILED     4	ent berElement NameTotal QtyCS1 QtyCS2 QtyCS3 QtyOther Bearings1010Steel Protective Coating1000Defect TypeDefect DescriptionCSCS QtyCorrosionSURFACE CORROSION AND FLAKING RUST21Effectiveness (Steel Protective Coatings)PROTECTIVE COATING FAILED41	Image: Section of the section of th

Span 3

Beam 5

**Plate Girder** 

Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		36	0	36	0	0	Feet
515	Steel Protective Coating		179	170	0	0	9	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

		Structure Number: 830102				
107	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	36	Feet	
515	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 5% PROTECTIVE COATING FIALURE	4	9	9 Square Feet	

**General Comments** 

า 3	Near Bear	ing					
er 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 Pr	otective Coating	1	0	0	0	1	Square Feet
Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1		Each
Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	D		4	1		1 Square Feet
	ent ber Other Be Steel Pro Defect Type Corrosion Effectiveness (Steel	r Bearing Pent ber Element Name Other Bearings Steel Protective Coating Defect Type Defect Des Corrosion SURFACE CORROSION AND F Effectiveness (Steel PROTECTIVE COATING FAILEI	ent ber Element Name Total Qty Other Bearings 1 Steel Protective Coating 1 Defect Type Defect Description Corrosion SURFACE CORROSION AND FLAKING RUST Effectiveness (Steel PROTECTIVE COATING FAILED	ent ber Element Name Total Qty Qty Other Bearings 1 0 Steel Protective Coating 1 0 Defect Type Defect Description Corrosion SURFACE CORROSION AND FLAKING RUST Effectiveness (Steel PROTECTIVE COATING FAILED	ent ber Element Name Total CS1 CS2 Other Bearings 1 0 1 Steel Protective Coating 1 0 0 Defect Type Defect Description CS Corrosion SURFACE CORROSION AND FLAKING RUST 2 Effectiveness (Steel PROTECTIVE COATING FAILED 4	Total Qty Qty Qty Qty Qty         ber       Element Name Qty Other Bearings       CS1 Qty Qty Qty Qty         Other Bearings       1       0       1       0         Steel Protective Coating       1       0       0       0         Defect Type       Defect Description       CS CS Qty         Corrosion       SURFACE CORROSION AND FLAKING RUST       2       1         Effectiveness (Steel       PROTECTIVE COATING FAILED       4       1	Total CS1 CS2 CS3 CS4         ber       Element Name Qty       Qty

Spa	an 3	Far Bearin	ng					
Oth	ner Bearing							
	ement Imber	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	0	1	Square Feet
Eleme Numbe	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	ס		4	1		1 Square Feet
	General Comments							

Spa	an 3			Beam 6						
Pla	te Gir	der								
	ement mber	Steel On	Element Name en Girder/Beam		Total Qty 36	<b>CS1</b> <b>Qty</b> 0	CS2 Qty 36	<b>CS3</b> <b>Qty</b> 0	<b>CS4</b> Qty 0	Feet
515			tective Coating		179	170	0	0	•	Square Feet
Elemer Numbe		Defect Type		Defect Description			CS	CS Qty	Maint Qty	
107	Corro	osion		M, FRECKLED CORROS FACE CORROSION	SION AND		2	36		Feet
515		ctiveness (Steel ective Coatings)	APPROXIMATELY FIALURE	5% PROTECTIVE COA	TING		4	9	9	9 Square Feet
	Gener	al Comments								

# Span 3

Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	D		4	1	1	Square Feet

General Comments

Spa	an 3		F	ar Bearing						
Oth	ner Be	earing								
	ement 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	0	1	Square Feet
Elemer Numbe		Defect Type		Defect Description			CS	CS Qty	Maint Qty	
316	Corr	osion	SURFACE CORROS	ION AND FLAKING	RUST		2	1	-	Each
515		ctiveness (Steel ective Coatings)	PROTECTIVE COAT	ING FAILED			4	1		1 Square Feet
	Gene	ral Comments								

Span 3 Plate Girder Beam 7

Total Qty 36	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> Qty 36	CS3 Qty	CS4 Qty	
36	0	36	0		
		50	0	0	Feet
179	170	0	0	9	Square Feet
n		CS	CS Qty	Maint Qty	
ROSION AND		2	36		Feet
OATING		4	9		9 Square Feet
2	OSION AND	OSION AND	ROSION AND 2	ROSION AND 2 36	ROSION AND 2 36

Span 3 **Near Bearing Other Bearing** CS1 CS2 CS3 CS4 Element Total **Element Name** Qty Number Qty Qty Qty Qty 316 Other Bearings 0 0 Each 1 1 0 515 Steel Protective Coating 1 0 0 0 1 Square Feet Element Maint **Defect Type Defect Description** CS CS Qty Number Qty SURFACE CORROSION AND FLAKING RUST 2 Each 316 Corrosion 1

### **515** Effectiveness (Steel Protective Coatings)

PROTECTIVE COATING FAILED

Inspection Date: 04/03/2023

1 1 Square Feet

4

Spa	n 3	Far Bearing						
		Fai Dearing						
	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other	Bearings	1	0	1	0	-	Each
515	Steel	Protective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Defect Tune	Defect Descri	ption		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FLA	KING RUST		2	1	<b>.</b> .,	Each
515	Effectiveness (Stee Protective Coatings				4	1		1 Square Feet
	General Comments							
<u>Cra</u>	- 2	Deem 0						
Spa		Beam 8						
	e Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Open Girder/Beam	36	0	36	0		Feet
515	Steel	Protective Coating	179	170	0	0	9	Square Feet
Elemen Numbe	Defect Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
107	Corrosion	ALONG THE BEAM, FRECKLED C SCATTERED SURFACE CORROS			2	36	uly	Feet
515	Effectiveness (Stee Protective Coatings		/E COATING		4	9	9	9 Square Feet
	General Comments							
Spa	in 3	Near Bearing	n					
•	er Bearing		9					
	ment		Total	CS1	CS2	CS3	CS4	
Nur	nber	Element Name	Qty	Qty	Qty	Qty	Qty	
316		Bearings	1	0	1	0		Each
515	Steel	Protective Coating	1	0	0	0	1	Square Feet
Elemen Numbe		Defect Descri	ption		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FLA	KING RUST		2	1		Each
515	Effectiveness (Stee Protective Coatings				4	1		1 Square Feet
	General Comments	•						

Span 3

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	0	1	Square Feet
Element Number	Defect Type	Defect Descri	otion		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FLA	KING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Fee

Span 3		Beam 9						
Plate Girder								
Element Number	Element Nan	ie	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		36	0	0	0	36	Feet
515	Steel Protective Coating		179	0	0	0	179	Square Feet
Element Number Defe	сt Туре	Defect Description			CS	CS Qty	Maint Qty	
] <b>107</b> Corrosion	ALONG THE FU	ON REQUEST] UPPER   ILL LENGTH, CORROSI LY 90% SECTION LOSS   WITH KNIFE EDGING /	ON WITH 6 [AVERAGE		4	36	3	6 Feet

SCALLOPING. LOWER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 95% SECTION LOSS [AVERAGE 1/16" REMAINS] WITH KNIFE EDGING AND SCALLOPING. UPPER

2" OF THE WEB ALONG THE LENGTH, CORROSION WITH APPROXIMATELY 75% SECTION LOSS [AVERAGE 1/8" REMAINS]. LOWER 2" OF THE WEB ALONG THE LENGTH, UP

TO 25% SECTION LOSS [AVERAGE 5/16"

PROTECTIVE COATING FAILED

REMAINS].

Protective Coatings) General Comments

Effectiveness (Steel

515

Spa	an 3	Near Bearin	ng					
Oth	ner Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Othe	r Bearings	1	0	1	0	0	Each
515	Steel	Protective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofact Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1		Each
515	Effectiveness (Stee Protective Coatings				4	1		1 Square Feet
	General Comments	6						

4

179

179 Square Feet

# Span 3

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	0	1 Square Feet
Elemer Numbe	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1	1 Square Feet
	General Comments						

Span 4

Wearing Surface

### Asphalt Wearing Surface

Elem Num 510	ber	Element Name g Surface	Total Qty 402	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 402	<b>CS4</b> Qty 0 S	quare Feet
Element Number	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
	Crack (Wearing Surface)	THROUGHOUT, REFLECTIVE CRACKING CRACKING UP TO LONGITUDINAL CRACKING UF THE OUTER 3" OF THE MAT	3/16" WIDE AND		3	402	402	Square Feet

**General Comments** 

Spa	in 4	Left Bridge	Rail					
Tim	ber Rail							
	ment nber Timb	Element Name er Bridge Railing	Total Qty 36	<b>CS1</b> <b>Qty</b> 23	<b>CS2</b> <b>Qty</b> 12	CS3 Qty	CS4 Qty 0 F	Feet
Elemen	It Defect Turne	Defect Descr			CS	CS Qty	Maint Qty	
332	Connection	THE TOP BOARD HAS AN INEFF CONNECTION	ECTIVE		3	1	1	Feet
332	Connection	TOP BOARD, THE TIMBER IS WE AND LONGITUDINALLY SPLIT AL LENGTH	, , ,		2	12	12	Feet

Spa Tim	ın 4 ber Rail	Right Brid	dge Rail					
	ment nber Timbor	Element Name Bridge Railing	Total Qty 36	<b>CS1</b> Qty 35	<b>CS2</b> <b>Qty</b> 0	CS3 Qty	CS4 Qty	Toot
	Timber		30	30	0	I	0 6	
Elemen Numbe	Dofoot Typo	Defect De	scription		CS	CS Qty	Maint Qty	
332	Split/Delamination (Timber)	POST 2, VERTICALLY SPLIT U APPROXIMATELY 2' HIGH, AN IS SPLIT SIMILARLY			3	1	4	Feet

316

515

Corrosion

Effectiveness (Steel Protective Coatings)

**General Comments** 

Inspection Date: 04/03/2023

1

1

Each

1 Square Feet

2

4

**General Comments** 

Spar	า 4	Beam 1					
Plate	e Girder						
Elem Num 107	iber	Element Name Open Girder/Beam	Total Qty 36	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 0	CS4 Qty 36 Feet
515	Steel	Protective Coating	178	0	0	0	178 Square Feet
Element Number	Defect Tune	Defect Desc	ription		cs	CS Qty	Maint Qty
107	Corrosion	[PROMPT ACTION REQUEST] U ALONG THE FULL LENGTH, COL APPROXIMATELY 90% SECTION 1/16" REMAINS] WITH KNIFE ED SCALLOPING. LOWER FLANGE LENGTH, CORROSION WITH AP 90% SECTION LOSS [AVERAGE WITH KNIFE EDGING AND SCAL 1" OF THE WEB ALONG THE LE CORROSION WITH APPROXIMA SECTION LOSS [AVERAGE 1/8" LOWER 2" OF THE WEB AT THE BENT 3, CORROSION WITH APP SECTION LOSS [AVERAGE 1/16 APPROXIMATELY 8" LONG, THE BALANCE OF THE LENGTH, UP LOSS [AVERAGE 3/32" REMAINS	RROSION WITH N LOSS [AVERAGE GING AND ALONG THE FULL PROXIMATELY 1/16" REMAINS] LOPING. UPPER NGTH, TELY 75% REMAINS]. BEAM END AT PROXIMATELY 90% " REMAINS] FOR EN ALONG THE TO 75% SECTION		4	36	36 Feet
_ 107	Distortion	[PROMPT ACTION REQUEST] A 12' OUT FROM BENT 3, THE BE/ NOTICEABLE DEFLECTION AT FLANGE [APPROXIMATELY 1.5"	AM HAS A THE LOWER		4		36 Feet
515	Effectiveness (Stee Protective Coatings				4	178	178 Square Feet
C	General Comments						
Spar	า 4	Near Bearii	ng				
Othe	er Bearing						
Elerr Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other	Bearings	1	0	1	0	0 Each
515	Steel	Protective Coating	1	0	0	0	1 Square Feet
Element							Maint

SURFACE CORROSION AND FLAKING RUST

PROTECTIVE COATING FAILED

# Span 4

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	0	1 Square Feet
Elemer Numbe	Dofact Type	Defect Desc	ription		cs	CS Qty	Maint Qty
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1	Each
515	Effectiveness (Steel	PROTECTIVE COATING FAILED			4	1	1 Square Feet
	Protective Coatings)						

Span 4 Beam 2 **Plate Girder** CS4 Element Total CS1 CS2 CS3 Number **Element Name** Qty Qty Qty Qty Qty 107 Steel Open Girder/Beam 0 Feet 36 0 36 0 **Steel Protective Coating** 0 0 515 178 169 9 Square Feet Element Maint Defect Type **Defect Description** cs CS Qty Number Qty ALONG THE BEAM, FRECKLED CORROSION AND 2 107 Corrosion 36 Feet SCATTERED SURFACE CORROSION 515 Effectiveness (Steel APPROXIMATELY 5% PROTECTIVE COATING 4 9 9 Square Feet Protective Coatings) FAILURE

**General Comments** 

### Span 4

### **Near Bearing**

### **Other Bearing**

1 1	0 0	1 0	0	1	Each Square Feet
1	0	0	0	1	Square Feet
				M - !	
		CS	CS Qty	Maint Qty	
ST		2	1	·	Each
		4	1		1 Square Feet
S <sup>-</sup>	T	г			T 2 1

### **Far Bearing**

### Other Bearing

Span 4

Element Number		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	0	1	Square Feet
Element Number	Defect Type	De	ect Description		CS	CS Qty	Maint Qty	
316 Corr	osion	SURFACE CORROSIO	AND FLAKING RUST		2	1		Each

#### 515 Effectiveness (Steel Protective Coatings)

PROTECTIVE COATING FAILED

Inspection Date: 04/03/2023

1 1 Square Feet

4

**General Comments** 

Spa	an 4	Beam 3						
Pla	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Ste	el Open Girder/Beam	36	0	36	0	0	Feet
515	Ste	el Protective Coating	178	169	0	0	9	Square Feet
Elemer Numbe	Defect Turns	e Defect Des	cription		cs	CS Qty	Maint Qty	
107	Corrosion	ALONG THE BEAM, FRECKLED SCATTERED SURFACE CORRO			2	36		Feet
515	Effectiveness (Ste Protective Coating		TIVE COATING		4	9		9 Square Feet
	General Commen							
Spa	an 4	Near Bear	ing					
Oth	er Bearing							
Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Oth	er Bearings	1	0	1	0	0	Each
515	Ste	el Protective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Type	e Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1		Each
515	Effectiveness (Ste Protective Coating		)		4	1		1 Square Feet
	General Commen	ts						
Spa	an 4	Far Bearin	g					
Oth	er Bearing							
	ment mber Oth	Element Name er Bearings	Total Qty 1	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> Qty 1	<b>CS3</b> <b>Qty</b> 0	CS4 Qty	Each
515		el Protective Coating	1	0	0	0		Square Feet
Elemer Numbe		e Defect Des	cription		CS	CS Qty	Maint Qty	
	Corrosion	SURFACE CORROSION AND F	-		2	1	QLY	Each
515	Effectiveness (Ste				4	1		1 Square Feet

Effectiveness (Steel Protective Coatings) **General Comments** 

Span	4

	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	oen Girder/Beam	36	0	36	0	0	Feet
515	Steel Pr	otective Coating	178	169	0	0	9	Square Feet
Elemen Numbe	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
<b>] 107</b>	Corrosion	ALONG THE BEAM, FRECKLED			2	36	-	Feet
515	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 5% PROTEC FAILURE	TIVE COATING		4	9	1	9 Square Fee

Spar	n 4	Near Bear	ing					
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	0	1	Square Feet
Element Number	Dofact Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	)		4	1		1 Square Feet
Ī	General Comments							

Span 4	S	pa	n	4
--------	---	----	---	---

## Far Bearing

# **Other Bearing**

1	0 0	1 0	0 0	1	Each Square Feet
1	0	0	0		Square Feet
		CS	CS Qty	Maint Qty	
RUST		2	1	-	Each
		4	1		1 Square Feet
	RUST		RUST 2	RUST 2 1	RUST 2 1

Span 4		Beam 5						
Plate Gird	ler							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam		36	0	30	6	0	Feet
515	Steel Protective Coating		178	124	0	0	54	Square Feet
lement lumber D	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: 830102			Inspection	Date: 04/03/2023
<u> </u>	Corrosion	[PROMPT ACTION REQUEST] SCATTERED ALONG THE UPPER FLANGE, CORROSION WITH SECTION LOSS UP TO 50% SECTION LOSS [AVERAGE 5/16" REMAINS] IN AREAS UP TO 12" LONG AT APPROXIMATELY 6' CENTERS	3	6	6 Feet
107	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	30	Feet
515	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 30% PROTECTIVE COATING FAILURE	4	54 5	4 Square Feet
	General Comments				

Spa	an 4	Near Beari	ng					
Oth	ner Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Otl	her Bearings	1	0	1	0	0	Each
515	Ste	eel Protective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofact Typ	e Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1		Each
515	Effectiveness (Sf Protective Coatir				4	1		1 Square Feet
	General Commer	nts						

Spa	n 4	Far Beari	ng					
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	0	1	Square Feet
Elemen Numbe	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	FLAKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	D		4	1		1 Square Feet
	General Comments							

Spar Plate	n 4 e Girder		Beam 6						
Elen Num 107		Element Name Steel Open Girder/Beam		Total Qty 36	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 30	<b>CS3</b> Qty 6	<b>CS4</b> <b>Qty</b> 0	Feet
515		Steel Protective Coating		178	124	0	0	54	Square Feet
Element Number	Dofact	Туре	Defect Description			CS	CS Qty	Maint Qty	
<b>☐ 107</b>	Corrosion	THE UPPER FLAM SECTION LOSS U	I REQUEST] SCATTERI NGE, CORROSION WIT P TO 50% SECTION LC	H DSS		3	6	l	6 Feet
		[AVERAGE 5/16" F LONG AT APPRO	KIMATELY 6' CENTERS						

APPROXIMATELY 30% PROTECTIVE COATING FAILURE

Inspection Date: 04/03/2023

54 54 Square Feet

4

515 Effectiveness (Steel Protective Coatings) General Comments

	in 4		Near Bea	anng					
Oth	er Bearing								
	ment nber		Element Name	Total	CS1	CS2	CS3	CS4	
316	nber	Other Be		<b>Qty</b> 1	<b>Qty</b> 0	<b>Qty</b> 1	<b>Qty</b> 0	<b>Qty</b> 0	Each
515		Steel Pro	ptective Coating	1	0	0	0	1	Square Feet
Elemen	nt Defect	Turne	Defect D			CS	CS Qty	Maint	
Numbe ] 316	r Defect	туре	SURFACE CORROSION AND	ELAKING BUST		2	<b>US QIY</b>	Qty	Each
						2	·		
515	Effectivenes Protective C	oatings)	PROTECTIVE COATING FAIL	ED		4	1		1 Square Feet
	General Com	ments							
Spa	ın 4		Far Bear	ing					
Oth	er Bearing								
	ment			Total	CS1	CS2	CS3	CS4	
<b>Nur</b> 316	nber	Other Be	Element Name	<b>Qty</b> 1	Qty 0	<b>Qty</b> 1	<b>Qty</b> 0	Qty	Each
515			btective Coating	1	0	0	0	1	Square Feet
Elemen	ht .				•		<b>.</b>	Maint	
Numbe	r Defect	Туре		escription		CS	CS Qty	Qty	
316	Corrosion		SURFACE CORROSION AND	FLAKING RUST		2	1		Each
<b>515</b>	Effectivenes Protective C		PROTECTIVE COATING FAIL	ED		4	1		1 Square Feet
	General Com	ments							
Spa	in 4		Beam 7						
Plat	te Girder								
	ment			Total	CS1	CS2	CS3	CS4	
<b>Nur</b> 107	nber	Steel Or	Element Name en Girder/Beam	<b>Qty</b> 36	<b>Qty</b> 0	<b>Qty</b> 16	<b>Qty</b> 0	<b>Qty</b> 20	Feet
515			ptective Coating	178	124	0	0		Square Feet
Elemen Numbe		Туре	Defect D	escription		CS	CS Qty	Maint Qty	
] 107	Corrosion		[PROMPT ACTION REQUEST 4, LOWER RIGHT FLANGE I APPROXIMATELY 18" LONG, APPROXIMATELY 80% SECT 1/8" REMAINS] WITH KNIFE B OF THE WEB FOR APPROXII CORROSION WITH APPROX SECTION LOSS [AVERAGE 3 LOWER 2" OF THE WEB FOR 20" LONG, CORROSION WIT 50% SECTION LOSS [AVERA	T BEAM END AT BENT FOR CORROSION WITH ION LOSS [AVERAGE EDGING. UPPER 1" MATELY 15" LONG, IMATELY 50% (16" REMAINS]. APPROXIMATELY H APPROXIMATELY		4	2	-	2 Feet

Structure	Number: 830102			Inspec	tion D	ate: 04/03/2023
<u> </u>	Corrosion	[PROMPT ACTION REQUEST] UPPER FLANGE ALONG THE FIRST HALF OF THE LENGTH, CORROSION WITH UP TO 90% SECTION LOSS [AVERAGE 1/8" REMAINS] WITH SCATTERED SCALLOPING AND KNIFE EDGING.	4	18	18	Feet
107	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	16		Feet
515	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 30% PROTECTIVE COATING FAILURE	4	54	54	Square Feet
	General Comments					

Spa	an 4		Near Bearin	ng					
Oth	her Be	earing							
	ement umber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	;	Other B	earings	1	0	1	0	0	Each
515	5	Steel Pi	rotective Coating	1	0	0	0	1	Square Feet
Eleme Numb		Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corre	osion	SURFACE CORROSION AND FL	AKING RUST		2	1		Each
515		ctiveness (Steel ective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Feet
	Gene	ral Comments							

r Bearing	Element Name	Total					
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	0	1	Square Feet
Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1	-	Each
Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Feet
eneral Comments							
	Defect Type Corrosion Effectiveness (Steel Protective Coatings)	SURFACE CORROSION AND FL Effectiveness (Steel Protective Coatings)	Defect Type         Defect Description           Corrosion         SURFACE CORROSION AND FLAKING RUST           Effectiveness (Steel Protective Coatings)         PROTECTIVE COATING FAILED	Defect Type         Defect Description           Corrosion         SURFACE CORROSION AND FLAKING RUST           Effectiveness (Steel Protective Coatings)         PROTECTIVE COATING FAILED	Defect Type         Defect Description         CS           Corrosion         SURFACE CORROSION AND FLAKING RUST         2           Effectiveness (Steel Protective Coatings)         PROTECTIVE COATING FAILED         4	Defect Type         Defect Description         CS         CS Qty           Corrosion         SURFACE CORROSION AND FLAKING RUST         2         1           Effectiveness (Steel Protective Coatings)         PROTECTIVE COATING FAILED         4         1	Defect Type     Defect Description     CS     CS Qty     Maint Qty       Corrosion     SURFACE CORROSION AND FLAKING RUST     2     1       Effectiveness (Steel Protective Coatings)     PROTECTIVE COATING FAILED     4     1

Spa	an 4	Beam 8					
Plat	te Girder						
	<b>ment</b> mber Steel Op	Element Name en Girder/Beam	Total Qty 36	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> Qty 36	<b>CS3</b> <b>Qty</b> 0	CS4 Qty 0 Feet
515	Steel Pro	otective Coating	178	124	0	0	54 Square Feet
Elemer Numbe	Dofoct Typo	Defect Description			CS	CS Qty	Maint Qty
	Dofoct Typo	Defect Description SCATTERED SURFACE CORROSION V FLAKING RUST AND PITTING UP TO 1/ THROUGHOUT THE TOP AND BOTTOM AND THE WEB	VITH /16" DEEP		<b>CS</b> 2	CS Qty 36	Maint Qty Feet

Span 4	Ļ	Near Beari	ng					
Other E	Bearing							
Elemen Number	-	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
] <b>316</b> Co	prrosion	SURFACE CORROSION AND FL	AKING RUST		2	1		Each
	ectiveness (Steel otective Coatings)	PROTECTIVE COATING FAILED	)		4	1		1 Square Feet
Gen	neral Comments							
Gen	neral Comments							
Gen Span 4		Far Bearin	g					
Span 4		Far Bearin	g					
Span 4	Bearing	Far Bearin	g Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Span 4 Other E	Bearing	Element Name	Total				Qty	
Span 4 Other E Element Number	Bearing t r Other Be	Element Name	Total Qty	Qty	Qty	Qty	<b>Qty</b> 0	
Span 4 Other E Element Number 316	Bearing t r Other Be	Element Name earings	Total Qty 1 1	<b>Qty</b> 0	<b>Qty</b> 1	<b>Qty</b> 0	<b>Qty</b> 0	Each
Span 4 Other E Element Number 316 515 Element Number	Bearing t r Other Be Steel Pr	Element Name earings otective Coating	Total Qty 1 1	<b>Qty</b> 0	<b>Qty</b> 1 0	<b>Qty</b> 0 0	Qty 0 1 Maint	Each

**General Comments** 

Beam 9

Span 4 Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	36	0	0	0	36 Feet
515	Steel Protective Coating	178	124	0	0	54 Square Feet

Elemen Numbe	Dofact Type	Defect Description	CS	CS Qty	Maint Qty	
<u> </u>	Corrosion	[PROMPT ACTION REQUEST] UPPER FLANGE ALONG THE FULL LENGTH, CORROSION WITH UP TO 90% SECTION LOSS [AVERAGE 1/8" REMAINS] WITH SCATTERED SCALLOPING. UPPER 1" OF THE WEB IN THE FIRST 1/3 OF THE SPAN, CORROSION WITH UP TO 50% SECTION LOSS [AVERAGE 3/16" REMAINS] IN AREAS UP TO 1' LONG AT APPROXIMATELY 3' CENTERS.	4	36	36	Feet
107	Corrosion	ALONG THE WEB AND LOWER FLANGE, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2			Feet
515	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATING FAILURE	4	54	54	Square Feet

# Span 4

er Bearing							
ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other Be	earings	1	0	1	0	0	Each
Steel Pro	ptective Coating	1	0	0	0	1	Square Feet
nt Pr Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	D		4	1		1 Square Feet
r	nent nber Other Be Steel Pro t r Defect Type Corrosion Effectiveness (Steel	nent nber Element Name Other Bearings Steel Protective Coating t Defect Type Defect Des Corrosion SURFACE CORROSION AND F Effectiveness (Steel PROTECTIVE COATING FAILE	ment nber     Total Qty       Other Bearings     1       Steel Protective Coating     1       t     Defect Type       Corrosion     SURFACE CORROSION AND FLAKING RUST       Effectiveness (Steel     PROTECTIVE COATING FAILED	Index     Element Name     Total Qty     CS1 Qty       Other Bearings     1     0       Steel Protective Coating     1     0       t     Defect Type     Defect Description       Corrosion     SURFACE CORROSION AND FLAKING RUST     Effectiveness (Steel	Index     Element Name     Total Qty     CS1 Qty     Qty Qty       Other Bearings     1     0     1       Steel Protective Coating     1     0     0       t     Defect Type     Defect Description     CS       Corrosion     SURFACE CORROSION AND FLAKING RUST     2       Effectiveness (Steel     PROTECTIVE COATING FAILED     4	Index     Element Name     Total Qty     CS1 Qty     CS2 Qty     Qty       Other Bearings     1     0     1     0       Other Bearings     1     0     1     0       Steel Protective Coating     1     0     0     0       tr     Defect Type     Defect Description     CS     CS Qty       Corrosion     SURFACE CORROSION AND FLAKING RUST     2     1       Effectiveness (Steel     PROTECTIVE COATING FAILED     4     1	Inent nber       Element Name       Total Qty       CS1 Qty       CS2 Qty       CS3 Qty       CS4 Qty         Other Bearings       1       0       1       0       0         Steel Protective Coating       1       0       1       0       0         t       Defect Type       Defect Description       CS       CS Qty       Maint Qty         Corrosion       SURFACE CORROSION AND FLAKING RUST       2       1       1         Effectiveness (Steel       PROTECTIVE COATING FAILED       4       1

**General Comments** 

Spar	n 4	Far Bearin	g					
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	0	1	Square Feet
Element Number	Dofact Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FI	LAKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILEE	)		4	1		1 Square Feet
ī	General Comments							

Sp	ban (	5
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## Wearing Surface

# Asphalt Wearing Surface

Elen Num 510	nber	Element Name Surface	Total Qty 404	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 404	CS4 Qty 0	Square Feet
Element Number	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	THROUGHOUT, REFLECTIVE TRA CRACKING CRACKING UP TO 3/1 LONGITUDINAL CRACKING UP TO THE OUTER 3" OF THE MAT	6" WIDE AND		3	404	404	Square Feet

Spar Timb	n 5 oer Rail	Left Bridge Rail						
Elem Num 332	iber	Element Name Bridge Railing	Total Qty 37	<b>CS1</b> <b>Qty</b> 17	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 20	CS4 Qty 0 Feet	
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
332	Split/Delamination (Timber)	TOP BOARD, THE TIMBER IS V AND LONGITUDINALLY SPLIT LENGTH			3	20	20 Feet	

Spa	an 5	Right Brid	lge Rail				
Tim	ber Rail						
	ment mber	<b>Element Name</b> Timber Bridge Railing	Total Qty 37	<b>CS1</b> <b>Qty</b> 36	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 0	<b>CS4</b> Qty 1 Feet
Elemen Numbe	Defect	Type Defect Des	scription		CS	CS Qty	Maint Qty
332	Connection	[PROMPT ACTION REQUEST] / OUTRIGGER HAS LOST CONN BEAM [THE BOLT HAS FULL S	IECTION TO THE		4	1	1 Feet
-	General Com	ments					
Spa	an 5	Beam 1					
Plat	te Girder						
	ment mber	Element Name Steel Open Girder/Beam	Total Qty 36	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 0	<b>CS4</b> Qty 36 Feet
515		Steel Protective Coating	179	0	0	0	179 Square Feet
Elemen Numbe	Dofoct '	Type Defect Des	scription		CS	CS Qty	Maint Qty
107	Corrosion	[PROMPT ACTION REQUEST] ALONG THE FULL LENGTH, CO APPROXIMATELY 90% SECTIO 1/16" REMAINS] WITH KNIFE E SCALLOPING. LOWER FLANGI LENGTH, CORROSION WITH A 90% SECTION LOSS [AVERAG WITH KNIFE EDGING AND SCA 1" OF THE WEB AT 4" OUT FRO APPROXIMATELY 15" LONG, C 100% SECTION LOSS, THEN A BALANCE OF THE LENGTH, CO APPROXIMATELY 90% SECTIO 3/32" REMAINS]. LOWER 2" OF THE LENGTH, UP TO 25% SEC [AVERAGE 5/16" REMAINS].	DRROSION WITH DN LOSS [AVERAGE DGING AND E ALONG THE FULL APPROXIMATELY E 1/16" REMAINS] ALLOPING. UPPER DM BENT 4 FOR CORROSION WITH LONG THE ORROSION WITH DN LOSS [AVERAGE THE WEB ALONG		4	36	36 Feet
515	Effectiveness Protective Co	patings)	D		4	179	179 Square Feet
	General Com	ments					
~	an 5	Near Bear	ina				

Oth an	Dee	
Other	веа	rino

inear	Deal	mg

	•							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bo	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Defect Type	Defect Descrip	tion		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FLAK	ING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Feet
-	General Comments							

0	<b>-</b>	Fan Daarin n					
Spa	an 5	Far 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 F	Protective Coating	1	0	0	0	1 Square Feet
Elemer Numbe	Defect Trues	Defect Descript	tion		cs	CS Qty	Maint Qty
316	Corrosion	SURFACE CORROSION AND FLAK	ING RUST		2	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1	1 Square Feet
	General Comments						
Spa	an 5	Beam 2					
-	an 5 te Girder	Beam 2					
Plat Ele		Beam 2	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Plat	te Girder ment mber						
Plat Ele Nut	te Girder ment mber Steel 0	Element Name	Qty	Qty	Qty	Qty	Qty
Plat Ele Nut 107	te Girder ment mber Steel C Steel F	Element Name Dpen Girder/Beam	<b>Qty</b> 36 179	<b>Qty</b> 0	<b>Qty</b> 36	<b>Qty</b> 0	Qty 0 Feet
Plat Ele Nut 107 515 Elemer	te Girder ment mber Steel C Steel F	Element Name Dpen Girder/Beam Protective Coating	Qty 36 179 tion	<b>Qty</b> 0	<b>Qty</b> 36 0	<b>Qty</b> 0 0	Qty 0 Feet 18 Square Feet Maint
Plat Ele Nut 107 515 Elemen Number	te Girder ment mber Steel C Steel F nt er Defect Type	Element Name Dpen Girder/Beam Protective Coating Defect Descript ALONG THE BEAM, FRECKLED CO	Qty 36 179 tion PRROSION AND DN	<b>Qty</b> 0	Qty 36 0 CS	<b>Qty</b> 0 0 <b>CS Qty</b>	Qty 0 Feet 18 Square Feet Maint Qty

## Near Bearing

## **Other Bearing**

nt er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other Be	earings	1	0	1	0	0	Each
Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
orrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
ffectiveness (Steel rotective Coatings)	PROTECTIVE COATING FAILED	)		4	1		1 Square Feet
	Other Be Steel Pr Defect Type orrosion	Element Name       Other Bearings       Steel Protective Coating       Defect Type     Defect Des       orrosion     SURFACE CORROSION AND F       ffectiveness (Steel     PROTECTIVE COATING FAILED	Element Name     Qty       Other Bearings     1       Steel Protective Coating     1       Defect Type     Defect Description       orrosion     SURFACE CORROSION AND FLAKING RUST       ffectiveness (Steel     PROTECTIVE COATING FAILED	Element Name     Qty     Qty       Other Bearings     1     0       Steel Protective Coating     1     0       Defect Type     Defect Description       orrosion     SURFACE CORROSION AND FLAKING RUST       ffectiveness (Steel     PROTECTIVE COATING FAILED	Err     Element Name     Qty     Qty     Qty     Qty       Other Bearings     1     0     1       Steel Protective Coating     1     0     0       Defect Type     Defect Description     CS       orrosion     SURFACE CORROSION AND FLAKING RUST     2       ffectiveness (Steel     PROTECTIVE COATING FAILED     4	Element Name     Qty     Qty     Qty     Qty     Qty       Other Bearings     1     0     1     0       Steel Protective Coating     1     0     0     0       Defect Type     Defect Description     CS     CS Qty       orrosion     SURFACE CORROSION AND FLAKING RUST     2     1       ffectiveness (Steel     PROTECTIVE COATING FAILED     4     1	Er     Element Name     Qty       Other Bearings     1     0     1     0     1     0     0     1     0     1       Defect Type     Defect Description     CS     CS Qty     Maint Qty       orrosion     SURFACE CORROSION AND FLAKING RUST     2     1     1       ffectiveness (Steel     PROTECTIVE COATING FAILED     4     1

Span 5

# 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	0	1	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: <u>830102</u>			Inspe	ction Date: 04/03/2023
316	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1 Square Feet

Beam 3

#### **Plate Girder**

Elen Nun 107		Element Name en Girder/Beam	Total Qty 36	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> Qty 36	<b>CS3</b> <b>Qty</b> 0	<b>CS4</b> <b>Qty</b> 0	Feet
515	Steel Pr	ptective Coating	179	161	0	0	18	Square Feet
Elemen Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
107	Corrosion	ALONG THE BEAM, FRECKLED SCATTERED SURFACE CORRO			2	36	-	Feet
515	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 10% PROTEC	TIVE COATING		4	18	18	8 Square Feet

**General Comments** 

Spa	an 5	Near Bear	ring					
Oth	ner Bearing							
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Othe	r Bearings	1	0	1	0	0	Each
515	Stee	Protective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
515	Effectiveness (Stee Protective Coatings		D		4	1		1 Square Feet
	General Comments							

Spa	in 5	Far Bearin	g					
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofact Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	)		4	1		1 Square Feet
	General Comments							

Span !	5
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Beam 4	ŧ
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Plate	e Girder							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	36	0	36	0	0	Feet
515	Steel Pr	otective Coating	179	161	0	0	18	Square Feet
Elemen	Dofact Type	Defect Descrip	otion		CS	CS Qty	Maint	
						-	Qty	
107	Corrosion	ALONG THE BEAM, FRECKLED CO SCATTERED SURFACE CORROSI	ORROSION AND		2	36	Qty	Feet
	-	ALONG THE BEAM, FRECKLED CO	ORROSION AND		2 4	36 18	-	Feet 8 Square Feet

Spa	an 5		N	lear Bearing						
Oth	ner Bearing	J								
	ement 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	0	1	Square Feet
Elemer Numbe	Dofoc	t Type		Defect Description			CS	CS Qty	Maint Qty	
316	Corrosion		SURFACE CORROS	ION AND FLAKING	RUST		2	1	-	Each
515	Effectivenes Protective C		PROTECTIVE COAT	ING FAILED			4	1		1 Square Feet
	General Con	nments								

Span	5
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## Far 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 Pro	otective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FI	_AKING RUST		2	1		Each
	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	)		4	1		1 Square Feet

Span 5 Plate G		Beam 5						
Element Number	•	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	,
107	Steel	Open Girder/Beam	36	0	36	0	0	Feet
515	Steel	Protective Coating	179	161	0	0	18	Square Feet
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
<b>107</b> Cor	rrosion	ALONG THE BEAM, FRECKLED SCATTERED SURFACE CORRC			2	36		Feet

APPROXIMATELY 10% PROTECTIVE COATING FAILURE

Inspection Date: 04/03/2023

18 18 Square Feet

4

515 Effectiveness (Steel Protective Coatings) General Comments

<b>•</b> •••									
-	an 5		Near Bearing						
Oth	er Bearing								
	ment mber	Element Name Other Bearings		Total Qty 1	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 1	<b>CS3</b> <b>Qty</b> 0	<b>CS4</b> <b>Qty</b> 0	Each
515		Steel Protective Coating		1	0	0	0	1	Square Feet
Elemen		Turne	Defect Description			CS	CS 044	Maint	
Numbe	er Defect 1 Corrosion		Defect Description SION AND FLAKING RU	JST		2	CS Qty	Qty	Each
515	Effectiveness Protective Co	atings)	TING FAILED			4	1	ſ	Square Feet
	General Com	nents							
Spa	an 5		Far Bearing						
Oth	er Bearing								
	ment mber	Element Name Other Bearings		Total Qty 1	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> Qty 1	<b>CS3</b> <b>Qty</b> 0	<b>CS4</b> <b>Qty</b> 0	Each
515		Steel Protective Coating		1	0	0	0	1	Square Feet
Elemen	Dofoot 7	Гуре	Defect Description			CS	CS Qty	Maint	
Numbe	Corrosion		SION AND FLAKING RU	JST		2	1	Qty	Each
515	Effectiveness								
	Protective Co	atings)	TING FAILED			4	1	1	Square Feet
		atings)	TING FAILED			4	1		Square Feet
Spa	Protective Co. General Comm	atings) nents	TING FAILED			4	1	1	Square Feet
Spa	Protective Co. General Comm	atings) nents				4	1	1	Square Feet
Spa Plat <sup>Eler</sup>	Protective Co General Comm an 5 te Girder ment mber	atings) nents		Total Qty 36	CS1 Qty 0	4 CS2 Qty 29	CS3 Qty 7	CS4 Qty	Square Feet
Spa Plat Eler Nur	Protective Co General Comm an 5 te Girder ment mber	atings) nents Element Name		Qty	Qty	CS2 Qty	CS3 Qty	<b>CS4</b> <b>Qty</b> 0	
Spa Plat Eler Nur 107 515 Elemen	Protective Co General Comm an 5 te Girder ment mber	atings) nents Element Name Steel Open Girder/Beam Steel Protective Coating	Beam 6	<b>Qty</b> 36	<b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 29 0	<b>CS3</b> Qty 7 0	CS4 Qty 0 54 Maint	Feet
Spa Plat Eler Nur 107 515	Protective Co General Comm an 5 te Girder ment mber	Element Name Element Name Steel Open Girder/Beam Steel Protective Coating Type [PROMPT ACTION 5, LOWER FLANG	Beam 6 Defect Description REQUEST] BEAM END E, CORROSION WITH U SS [AVERAGE 3/16" REI	Qty 36 179 AT BENT JP TO	<b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 29	CS3 Qty 7	CS4 Qty 0 54 Maint Qty	Feet
Spa Plat Eler Nur 107 515 Elemen Numbe	Protective Co General Comm an 5 te Girder ment mber	Element Name Steel Open Girder/Beam Steel Protective Coating [PROMPT ACTION 5, LOWER FLANG 75% SECTION LOS FOR APPROXIMAT [PROMPT ACTION THE UPPER FLAN SECTION LOSS UF [AVERAGE 5/16" R	Beam 6 Defect Description REQUEST] BEAM END E, CORROSION WITH U SS [AVERAGE 3/16" REI	Qty 36 179 AT BENT JP TO MAINS] D ALONG 1 SS	<b>Qty</b> 0	CS2 Qty 29 0 CS	CS3 Qty 7 0 CS Qty	CS4 Qty 0 54 Maint Qty	Feet Square Feet
Spa Plat Eler Nur 107 515 Elemen Numbe	Protective Co General Comm an 5 te Girder ment mber	Element Name Steel Open Girder/Beam Steel Protective Coating [PROMPT ACTION 5, LOWER FLANG 75% SECTION LOS FOR APPROXIMAT [PROMPT ACTION THE UPPER FLAN SECTION LOSS UF [AVERAGE 5/16" R LONG AT APPROX	Beam 6 Defect Description REQUEST] BEAM END E, CORROSION WITH U SS [AVERAGE 3/16" REI ELY 1' LONG. REQUEST] SCATTERE GE, CORROSION WITH P TO 50% SECTION LOS EMAINS] IN AREAS UP IMATELY 6' CENTERS I, FRECKLED CORROS	Qty 36 179 AT BENT JP TO MAINS] D ALONG H SS TO 12"	<b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 29 0 <b>CS</b> 3	CS3 Qty 7 0 CS Qty 1	CS4 Qty 0 54 Maint Qty	Feet Square Feet

•	_							
Spa	an 5	Near Bearing						
Oth	er Bearing							
	ment	<b>-</b> 1 ( ))	Total	CS1	CS2	CS3	CS4	
<b>Nu</b> 316	<b>mber</b> Other B	Element Name earings	<b>Qty</b> 1	<b>Qty</b> 0	<b>Qty</b> 1	<b>Qty</b> 0	<b>Qty</b> 0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Tune	Defect Description	on		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FLAKIN	IG RUST		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Feet
Spa	an 5	Far Bearing						
•	er Bearing							
	ment							
Nu	mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
<b>Nu</b> 316							Qty	
	mber Other B		Qty	Qty	Qty	Qty	Qty	,
316	mber Other B Steel Pr	earings	<b>Qty</b> 1 1	<b>Qty</b> 0	Qty 1	<b>Qty</b> 0	Qty 0	Each
316 515 Elemer	mber Other B Steel Pr	earings otective Coating	Qty 1 1	<b>Qty</b> 0	<b>Qty</b> 1 0	<b>Qty</b> 0 0	Qty 0 1 Maint	Each

**General Comments** 

Span 5

Beam 7

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	36	0	0	0	36 Feet
515	Steel Protective Coating	179	125	0	0	54 Square Feet

Elemen Numbe	Dofact Type	Defect Description	CS	CS Qty	Maint Qty	
<b>☐ 107</b>	Corrosion	[PROMPT ACTION REQUEST] UPPER FLANGE ALONG THE FULL LENGTH, CORROSION WITH UP TO 90% SECTION LOSS [AVERAGE 1/8" REMAINS] WITH KNIFE EDGING AND SCALLOPING.	4	36	36	Feet
<u> </u>	Distortion	[PROMPT ACTION REQUEST] WEB IS DISTORTED AND DEFLECTING UP TO 1/2" WITH SIGNS OF CRIPPLING AT BENT 5	4		36	Feet
<b>☐ 107</b>	Corrosion	[PROMPT ACTION REQUEST] BEAM END AT BENT 5, LOWER FLANGE, CORROSION WITH UP TO 75% SECTION LOSS [AVERAGE 3/16" REMAINS] FOR APPROXIMATELY 1' LONG.	3		1	Feet
<u> </u>	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2			Feet

APPROXIMATELY 30% PROTECTIVE COATING FAILURE

Inspection Date: 04/03/2023

54 54 Square Feet

4

515 Effectiveness (Steel Protective Coatings) General Comments

Spa		N	ear Bearing				
Oth	er Bearing						
	ment mber	Element Name	Tota Qty		CS2 Qty	CS3 Qty	CS4 Qty
316		Other Bearings	1	-	1	0	0 Each
515	S	Steel Protective Coating	1	0	0	0	1 Square Feet
Elemen Numbe	Defect Tr	/pe	Defect Description		CS	CS Qty	Maint Qty
	Corrosion		ON AND FLAKING RUST		2	1	Each
515	Effectiveness ( Protective Coa		NG FAILED		4	1	1 Square Feet
-	General Comm	ents					
Spa	an 5	F	ar Bearing				
•	er Bearing		J				
Eler	ment mber	Element Name	Tota Qty	Qty	CS2 Qty 1	<b>CS3</b> <b>Qty</b> 0	CS4 Qty 0 Each
515		Steel Protective Coating	1	0	0	0	1 Square Feet
Elemen	nt Defect T					00.044	Maint
Numbe	Corrosion		Defect Description ON AND FLAKING RUST		<b>CS</b> 2	CS Qty	<b>Qty</b> Each
						-	
515	Effectiveness ( Protective Coa		NG FAILED		4	1	1 Square Feet
	General Comm	ents					
-							
Spa	an 5	B	eam 8				
Spa Plat	an 5 te Girder	В	eam 8				
Plat Eler Nun	t <b>e Girder</b> ment mber	Element Name	Tota Qty	Qty	CS2 Qty	CS3 Qty	CS4 Qty
Plat Eler Nun 107	te Girder ment mber	Element Name Steel Open Girder/Beam	Tota Qty 36	<b>Qty</b> 6 0	<b>Qty</b> 0	<b>Qty</b> 0	<b>Qty</b> 36 Feet
Plat Eler Nun 107 515	te Girder ment mber	Element Name	Tota Qty	<b>Qty</b> 6 0	Qty	Qty	<b>Qty</b> 36 Feet 90 Square Feet
Plat Eler Nun 107 515 Elemen Number	te Girder ment mber s	Element Name Steel Open Girder/Beam Steel Protective Coating	Tota Qty 36 179 Defect Description	<b>Qty</b> 6 0 89	<b>Qty</b> 0 0 <b>CS</b>	<b>Qty</b> 0	Qty 36 Feet 90 Square Feet Maint Qty
Plat Eler Nun 107 515 Elemen	te Girder ment mber	Element Name Steel Open Girder/Beam Steel Protective Coating /pe I [PROMPT ACTION R 5, LOWER FLANGE,	Tota Qty 36 179 Defect Description EQUEST] BEAM END AT B CORROSION WITH UP TO [AVERAGE 3/32" REMAIN:	<b>Qty</b> 0 89 ENT	<b>Qty</b> 0 0	<b>Qty</b> 0 0	Qty 36 Feet 90 Square Feet Maint
Plat Eler Nun 107 515 Elemen Number	te Girder ment mber s	Element Name Steel Open Girder/Beam Steel Protective Coating //pe [PROMPT ACTION R 5, LOWER FLANGE, 90% SECTION LOSS FOR APPROXIMATE [PROMPT ACTION R	Tota Qty 36 179 Defect Description EQUEST] BEAM END AT B CORROSION WITH UP TO [AVERAGE 3/32" REMAIN: LY 1' LONG. EQUEST] UPPER FLANGE SNGTH, CORROSION WITH DSS [AVERAGE 1/8"	2 Qty 3 0 89 ENT 5]	<b>Qty</b> 0 0 <b>CS</b>	<b>Qty</b> 0 0	Qty 36 Feet 90 Square Feet Maint Qty
Plat Eler Nun 107 515 Elemen Numbe	te Girder ment mber s s s t Defect Ty Corrosion	Element Name Steel Open Girder/Beam Steel Protective Coating (PROMPT ACTION R 5, LOWER FLANGE, 90% SECTION LOSS FOR APPROXIMATE (PROMPT ACTION R ALONG THE FULL LE TO 90% SECTION LO REMAINS] WITH KNI SCALLOPING.	Tota Qty 36 179 Defect Description EQUEST] BEAM END AT B CORROSION WITH UP TO [AVERAGE 3/32" REMAIN: LY 1' LONG. EQUEST] UPPER FLANGE SNGTH, CORROSION WITH DSS [AVERAGE 1/8" FE EDGING AND FRECKLED CORROSION A	2 Qty 3 0 89 ENT 5] H UP	<b>Qty</b> 0 0 <b>CS</b> 4	Qty 0 CS Qty	Qty 36 Feet 90 Square Feet Maint Qty 1 Feet

Sha	an 5		Near Bearing	9					
Oth	er Bearing								
Nur	ment mber		ent 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 Co	ating	1	0	0	0	1	Square Feet
Elemer Numbe	Defe of To	уре	Defect Descri	ption		cs	CS Qty	Maint Qty	
316	Corrosion	SURFAC	CE CORROSION AND FLA	KING RUST		2	1		Each
515	Effectiveness (S Protective Coat		CTIVE COATING FAILED			4	1		1 Square Feet
		0 /							
	General Comme	0 /							
		0 /							
Spa		0 /	Far Bearing						
Spa		0 /	Far Bearing						
Spa Oth Eler	an 5	ents	Far Bearing	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Spa Oth Eler	an 5 her Bearing ment mber	ents						Qty	
Spa Oth Eler Nur	an 5 her Bearing ment mber C	Elem	ent Name	Qty	Qty	Qty	Qty	Qty	
Spa Oth Eler Nur 316	an 5 her Bearing ment mber C S nt	Elem Dther Bearings	ent Name	<b>Qty</b> 1 1	<b>Qty</b> 0	<b>Qty</b> 1	<b>Qty</b> 0	Qty 0	Each Square Feet
Spa Oth Eleen 316 515 Elemen	an 5 her Bearing ment mber C S nt	Elem Elem Other Bearings Steel Protective Co	ent Name ating	Qty 1 1	<b>Qty</b> 0	<b>Qty</b> 1 0	<b>Qty</b> 0 0	Qty 0 1 Maint	Each Square Feet
Spa Oth Elec Nur 316 515 Elemer Numbe	an 5 her Bearing ment mber C S nt Defect Ty	Elem Dther Bearings Steel Protective Co Vpe SURFAC Steel PROTEC	ent Name ating Defect Descri	Qty 1 1	<b>Qty</b> 0	<b>Qty</b> 1 0 <b>CS</b>	Qty 0 0 CS Qty	Qty 0 1 Maint Qty	Each Square Feet

Span 5

Beam 9

**Plate Girder** 

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	36	0	0	0	36 Feet
515	Steel Protective Coating	179	0	0	0	179 Square Feet

Element Number	Dofact Type	Defect Description	cs	CS Qty	Maint Qty	
☐ 107	Corrosion	[PROMPT ACTION REQUEST] UPPER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 95% SECTION LOSS [AVERAGE 1/16" REMAINS] WITH KNIFE EDGING AND SCALLOPING. LOWER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 95% SECTION LOSS [AVERAGE 1/32" REMAINS] WITH KNIFE EDGING AND SCALLOPING. LOWER 4" OF THE WEB ALONG THE LENGTH, APPROXIMATELY 95% SECTION LOSS [AVERAGE 1/16" REMAINS]. AT 5' OUT FROM BENT 4, APPROXIMATELY 7" UP IN THE WEB, CORROSION WITH UP TO 100% SECTION LOSS [AVERAGE 1/32" REMAINS] IN A 5" HIGH X 9" LONG AREA.	4	36	36 Feet	
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	179	179 Square	e Feet

	-		-					
Spa		Near Bear	ing					
	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Oth	er Bearings	1	0	1	0	0	Each
515	Stee	el Protective Coating	1	0	0	0	1 \$	Square Feet
Elemer Numbe	Defect Tune	Defect Des	cription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	,	Each
515	Effectiveness (Ste Protective Coating		D		4	1	1	Square Feet
	General Comment	S						
Spa		Far Bearir	ng					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		er Bearings	1	0	1	0	-	Each
515	Stee	el Protective Coating	1	0	0	0	1 \$	Square Feet
Elemer	Defect Tune	Defect Des	cription		CS	CS Qty	Maint	
Numbe	Corrosion	SURFACE CORROSION AND F	•		2	رد. 1	Qty	Each
515	Effectiveness (Ste Protective Coating		D		4	1	1	Square Feet
	General Comment							
Spa	ın 6	Wearing S	Surface					
Asp	halt Wearing S	Surface						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wea	aring Surface	302	0	0	302	0 \$	Square Feet
Elemer Numbe		Defect Des	cription		CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	THROUGHOUT, REFLECTIVE CRACKING CRACKING UP TO LONGITUDINAL CRACKING UF THE OUTER 3" OF THE MAT	3/16" WIDE AND		3	302	-	Square Feet
	General Comment	S						
•								
Spa	in 6	Left Bridg	e Kall					

opano		Left Bridge Rail						
Timber	Rail							
Element Number			Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber Bridge Railing		27	15	0	12	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

332 Split/Delamination (Timber)

TOP BOARD, THE TIMBER IS WEATHERED, DRY , AND LONGITUDINALLY SPLIT ALONG THE LENGTH WITH APPROXIMATELY 30% SECTION LOSS

Inspection Date: 04/03/2023

12 Feet

12

3

#### **General Comments**

	an 6	Right Bridg	e Rail				
Tim	ber Rail						
	ment mber Ti	Element Name mber Bridge Railing	Total Qty 27	<b>CS1</b> Qty 6	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> Qty 21	CS4 Qty 0 Feet
Elemen Numbe	Defect Tra	De Defect Desci	ription		CS	CS Qty	Maint Qty
332	Split/Delaminatio (Timber)	ON POST 5 IS SPLIT VERTICALLY U AT THE CONNECTION POINTS F APPROXIMATELY 3' HIGH			3	1	4 Feet
332	Split/Delaminatio (Timber)	ON TOP BOARD, THE TIMBER IS WE AND LONGITUDINALLY SPLIT AL LENGTH			3	20	20 Feet
	General Comme	nts					
Spa Plat	an 6 te Girder	Beam 1					
	ment						
inui	mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107		Element Name eel Open Girder/Beam					
	St		Qty	Qty	Qty	Qty	Qty
107	St St	eel Open Girder/Beam eel Protective Coating	<b>Qty</b> 27 134	<b>Qty</b> 0	<b>Qty</b> 0	<b>Qty</b> 0	Qty 27 Feet
107 515 Elemen	St St	eel Open Girder/Beam eel Protective Coating	Qty 27 134 ription PPER FLANGE RROSION WITH LOSS [AVERAGE NG. LOWER GTH, CORROSION CTION LOSS SCALLOPING. WEB ALONG THE SCALLOPING. WEB ALONG THE SCALLOPING. WEB ALONG THE SCALLOPING. WEB ALONG THE SECTION LOSS	<b>Qty</b> 0	<b>Qty</b> 0 0	<b>Qty</b> 0 0	Qty 27 Feet 70 Square Feet Maint

# Span 6

er Bearing							
nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Other Be	earings	1	0	1	0	0	Each
Steel Pre	otective Coating	1	0	0	0	1	Square Feet
t Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	D		4	1		1 Square Fee
	t Defect Type Corrosion Effectiveness (Steel	t Defect Type Defect Des Corrosion SURFACE CORROSION AND F Effectiveness (Steel PROTECTIVE COATING FAILE	Index     Element Name     Total Qty       Other Bearings     1       Steel Protective Coating     1       t     Defect Type     Defect Description       Corrosion     SURFACE CORROSION AND FLAKING RUST       Effectiveness (Steel     PROTECTIVE COATING FAILED	Index     Element Name     Total Qty     CS1 Qty       Other Bearings     1     0       Steel Protective Coating     1     0       Image: Defect Type     Defect Description       Corrosion     SURFACE CORROSION AND FLAKING RUST       Effectiveness (Steel     PROTECTIVE COATING FAILED	Total hebr     CS1 Qty     CS2 Qty       Other Bearings     1     0     1       Other Bearings     1     0     1       Steel Protective Coating     1     0     0       Defect Type     Defect Description     CS       Corrosion     SURFACE CORROSION AND FLAKING RUST     2       Effectiveness (Steel     PROTECTIVE COATING FAILED     4	Intermet her     Element Name     Total Qty     CS1 Qty     CS2 Qty     Qty       Other Bearings     1     0     1     0       Steel Protective Coating     1     0     0     0       Defect Type     Defect Description     CS     CS Qty       Corrosion     SURFACE CORROSION AND FLAKING RUST     2     1       Effectiveness (Steel     PROTECTIVE COATING FAILED     4     1	Total her     CS1 Qty     CS2 Qty     Qty <t< td=""></t<>

General Comments

Spa	an 6	Far Bearin	g					
Oth	her Bearing							
	ement Imber	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	0	1	Square Feet
Eleme Numbe	Dofact Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	)		4	1		1 Square Feet
	<b>General Comments</b>							

Span 6

Beam 2

te Girder						
ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Ste	eel Open Girder/Beam	27	0	27	0	0 Feet
Ste	eel Protective Coating	134	64	0	0	70 Square Feet
nt er Defect Typ	e Defect Desc	ription		CS	CS Qty	Maint Qty
Corrosion				2	27	Feet
,		TIVE COATING		4	70	70 Square Feet
	ment mber Ste Ste nt Defect Typ Corrosion Effectiveness (St	ment mber       Element Name         Steel Open Girder/Beam         Steel Protective Coating         nt er       Defect Type         Corrosion       ALONG THE BEAM, FRECKLED I SCATTERED SURFACE CORRO         Effectiveness (Steel       APPROXIMATELY 50% PROTEC	ment mber     Total Qty       Steel Open Girder/Beam     27       Steel Protective Coating     134       nt er     Defect Type     Defect Description       Corrosion     ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION       Effectiveness (Steel     APPROXIMATELY 50% PROTECTIVE COATING	ment mber     Total Qty     CS1 Qty       Steel Open Girder/Beam     27     0       Steel Protective Coating     134     64       nt er     Defect Type     Defect Description       Corrosion     ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION       Effectiveness (Steel     APPROXIMATELY 50% PROTECTIVE COATING	ment mber     Total Element Name     CS1 Qty     CS2 Qty       Steel Open Girder/Beam     27     0     27       Steel Protective Coating     134     64     0       nt er     Defect Type     Defect Description     CS       Corrosion     ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION     2       Effectiveness (Steel     APPROXIMATELY 50% PROTECTIVE COATING     4	ment mberElement Name Element Name Steel Open Girder/BeamTotal Qty QtyCS1 Qty QtyCS2 Qty QtySteel Open Girder/Beam270270Steel Protective Coating1346400mt orDefect TypeDefect DescriptionCSCS QtyCorrosionALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION227Effectiveness (SteelAPPROXIMATELY 50% PROTECTIVE COATING470

Span 6 Other B	earing	Near Bear	ing					
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	1
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316 Cor	rosion	SURFACE CORROSION AND F	LAKING RUST		2	1		Each

#### **515** Effectiveness (Steel Protective Coatings)

PROTECTIVE COATING FAILED

Inspection Date: 04/03/2023

1 1 Square Feet

4

Spa	n 6	Far Beari	ng					
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 E	ach
515	Steel Pr	otective Coating	1	0	0	0	1 5	quare Feet
Elemen Numbe		Defect De	scription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND	FLAKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	Ð		4	1	1	Square Feet
-	General Comments							
Spa	n 6	Beam 3						
-	e Girder							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	pen Girder/Beam	27	0	27	0	0 F	eet
515	Steel Pr	rotective Coating	134	71	0	0	63 5	quare Feet
Elemen Numbe	Defect Turne	Defect De	scription		CS	CS Qty	Maint Qty	
107	Corrosion	ALONG THE BEAM, FRECKLE SCATTERED SURFACE CORF			2	27	-	Feet
515	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTE FAILURE	ECTIVE COATING		4	63	63	Square Fee
-	General Comments							
Spa	n 6	Near Bea	ring					
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 E	ach
515	Steel Pr	otective Coating	1	0	0	0	1 5	quare Feet
Elemen Numbe		Defect De	scription		cs	CS Qty	Maint Qty	
	Corrosion	SURFACE CORROSION AND	-		2	1	wiy	Each

# Span 6

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 Ea	ach
515	Steel Pr	otective Coating	1	0	0	0	1 So	quare Feet
Elemer Numbe	Defect Type	Defect Descript	tion		CS	CS Qty	Maint	
		20.000 2000				00 4.9	Qty	
316	Corrosion	SURFACE CORROSION AND FLAK			2	1	Qty	Each
		•				•	-	Each Square Feet

Span 6 Beam 4 **Plate Girder** CS4 Element Total CS1 CS2 CS3 Number **Element Name** Qty Qty Qty Qty Qty 107 Steel Open Girder/Beam 0 Feet 27 0 27 0 Steel Protective Coating 0 0 515 134 71 63 Square Feet Element Maint Defect Type **Defect Description** cs CS Qty Number Qty ALONG THE BEAM, FRECKLED CORROSION AND 2 107 Corrosion 27 Feet SCATTERED SURFACE CORROSION 515 Effectiveness (Steel APPROXIMATELY 50% PROTECTIVE COATING 4 63 63 Square Feet Protective Coatings) FAILURE

**General Comments** 

#### Span 6

#### Near Bearing

#### **Other Bearing**

1	0	1 0	0	-	Each Square Feet
1	0	-			Square Feet
				Maint	
		CS	CS Qty	Qty	
т		2	1	•	Each
		4	1		1 Square Feet
-T			_		

Span 6

#### **Far Bearing**

# Other Bearing

Elem Num 316		Othor	Element Name Bearings		Total Qty	<b>CS1</b> <b>Qty</b> 0	CS2 Qty	<b>CS3</b> <b>Qty</b> 0	CS4 Qty	
			5		1	-	1	0	0	
515		Steel F	Protective Coating		1	0	0	0	1	Square Feet
Element Number	Defect	Туре		Defect Description			CS	CS Qty	Maint Qty	
316	Corrosion		SURFACE CORROS	SION AND FLAKING RU	UST		2	1		Each

#### **515** Effectiveness (Steel Protective Coatings)

PROTECTIVE COATING FAILED

Inspection Date: 04/03/2023

1 1 Square Feet

4

#### **General Comments**

Spa	n 6	Beam 5					
Plat	e Girder						
Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	Qty	CS4 Qty
107	Ste	eel Open Girder/Beam	27	0	25	0	2 Feet
515	Ste	eel Protective Coating	134	64	0	0	70 Square Feet
Elemen Numbe	Defect Tume Defect Description				CS	CS Qty	Maint Qty
107	Corrosion	[PROMPT ACTION REQUEST] BE 6, UPPER AND LOWER 3" OF TH CORROSION WITH APPROXIMA SECTION LOSS [AVERAGE 3/32" PERFORATIONS AND A HOLE A [APPROXIMATELY 1" DIAMETER	IE WEB, FELY 90% REMAINS] WITH F THE END		4	2	2 Feet
107	Corrosion	ALONG THE BEAM, FRECKLED ( SCATTERED SURFACE CORROS			2	25	Feet
515	Effectiveness (St Protective Coatin		TIVE COATING		4	70	70 Square Feet
Spa	General Commer In 6 er Bearing	nts Near Bearin	g				
	nent		Total	CS1	CS2		CS4
<b>Nun</b> 316	nber	Element Name	<b>Qty</b> 1	<b>Qty</b> 0	<b>Qty</b> 1	<b>Qty</b> 0	<b>Qty</b> 0 Each
510	01	her Bearings	I	0		0	

Elemer Numbe	Defect Type	Defect Description	cs	CS Qty	Maint Qty
316	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1 Square Fe

Spar	n 6	Far Bearin	g					
Othe	er 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	0	1	Square Feet
Element Number	Dofact Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	)		4	1		1 Square Feet
ī	General Comments							

Spa	an 6	Beam 6						
Pla	te Girder							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	pen Girder/Beam	27	0	0	0	27	Feet
515	Steel Pr	rotective Coating	134	0	0	0	134	Square Feet
Elemer Numbe	Defect Tune	Defect Descript	ion		CS	CS Qty	Maint Qty	
☐ 107	Corrosion	[PROMPT ACTION REQUEST] UPPE ALONG THE FULL LENGTH, CORRO APPROXIMATELY 90% SECTION LO 1/16" REMAINS] WITH KNIFE EDGIN SCALLOPING. LOWER FLANGE ALO LENGTH, CORROSION WITH APPR 90% SECTION LOSS [AVERAGE 1/1 WITH KNIFE EDGING AND SCALLO 1" OF THE WEB ALONG THE LENG CORROSION WITH APPROXIMATEL SECTION LOSS [AVERAGE 3/32" RE END AT BENT 5, LOWER 2" OF THE APPROXIMATELY 6" LONG, 100% S	DSION WITH DSS [AVERAGE NG AND DNG THE FULL OXIMATELY 6" REMAINS] PING. UPPER TH, LY 75% EMAINS]. BEAM E WEB FOR		4	27	27	′ Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILURE			4	134	134	Square Feet
	General Comments							
Spa	an 6	Near Bearing						
Oth	ner Bearing							

	<b>ment</b> nber Other B	Element Name earings	Total Qty 1	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> Qty 1	<b>CS3</b> <b>Qty</b> 0	<b>CS4</b> Qty 0	
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Feet
-	General Comments							

Spar	n 6	Far Bearing	9					
Othe	er Bearing							
Elen 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	0	1	Square Feet
Element	Dofact Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Feet
ī	General Comments							

Span 7			Wearing Surface					
Asphalt W	learing Surfa	ace						
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing	Surface		309	0	0	309	0 Square Feet
Element Number D	efect Type		Defect Description			cs	CS Qty	Maint Qty
	(Wearing e)	CRACKING CRACK	EFLECTIVE TRANSVE KING UP TO 3/16" WIE RACKING UP TO 5/8" \ THE MAT	DE AND		3	309	309 Square Feet
General	I Comments							
Span 7			Left Bridge Rail					
Timber Ra	ail							
Element Number 332	Timber B	Element Name ridge Railing		Total Qty 28	CS1 Qty 8	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 20	CS4 Qty 0 Feet
Element			Defect Description			<u> </u>	CC 044	Maint
Number	Defect Type elamination er)		Defect Description TIMBER IS WEATHER ALLY SPLIT ALONG T			<b>CS</b> 3	<b>CS Qty</b> 20	Qty 20 Feet
General	I Comments							
Span 7 Timber Ra	sil		Right Bridge Rail					
Element		El mart Nama		Total	CS1	CS2	CS3	CS4
Number 332	Timber B	Element Name aridge Railing		<b>Qty</b> 28	<b>Qty</b> 27	<b>Qty</b> 0	<b>Qty</b> 1	<b>Qty</b> 0 Feet
Number	efect Type		Defect Description			CS	CS Qty	Maint Qty
<b>332</b> Conne	ction	TOP BOARD HAS I	OST CONNECTION			3	1	1 Feet
General	I Comments							
Span 7			Beam 1					
Plate Gird	ler							
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Op	en Girder/Beam		28	0	0	0	28 Feet
515	Steel Pro	tective Coating		137	0	0	0	137 Square Feet
Element Number D	efect Type		Defect Description			cs	CS Qty	Maint Qtv

Element Number Defect Type **Defect Description** 

cs CS Qty

Qty

Structure Number: 830102			Inspe	ection Date: 04/03/2023
<b>107</b> Corrosion	[PROMPT ACTION REQUEST] UPPER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 90% SECTION LOSS [AVERAGE 1/16" REMAINS] WITH KNIFE EDGING AND SCALLOPING. LOWER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 95% SECTION LOSS [AVERAGE 1/32" REMAINS] WITH KNIFE EDGING AND SCALLOPING. UPPER 2" OF THE WEB ALONG THE LENGTH, CORROSION WITH APPROXIMATELY 90% SECTION LOSS [AVERAGE 1/16" REMAINS]. LOWER 3" OF THE WEB ALONG THE LENGTH, CORROSION WITH APPROXIMATELY 95% SECTION LOSS [AVERAGE 1/32" REMAINS]. LOWER 3" OF THE WEB ALONG THE LENGTH, CORROSION WITH APPROXIMATELY 95% SECTION LOSS [AVERAGE 1/32" REMAINS]. PERFORATIONS AND CORROSION HOLES EXIST IN THE LOWER 3" OF THE WEB ALONG THE LENGTH.	4	28	28 Feet
<b>515</b> Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	137	137 Square Feet
General Comments				

Spar	n 7	Near Bear	ing					
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	rotective Coating	1	0	0	0	1	Square Feet
Element Number	Dofact Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	)		4	1		1 Square Feet
Ī	General Comments							

Far Bearing

**Other Bearing** 

	<b>nent</b> nber Othe	Element Name Bearings	Total Qty 1	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> Qty 1	<b>CS3</b> <b>Qty</b> 0	<b>CS4</b> Qty 0	Each
515	Steel	Protective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FLA	AKING RUST		2	1		Each
515	Effectiveness (Stee Protective Coatings				4	1		1 Square Feet
-	General Comments							

## Beam 2

## Plate Girder

Elem Num 107	ber	Element Name en Girder/Beam	Total Qty 28	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> Qty 27	<b>CS3</b> <b>Qty</b> 1	<b>CS4</b> <b>Qty</b> 0	Feet
515	Steel Prot	tective Coating	137	101	0	36	0	Square Feet
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
107	Corrosion	BEAM END AT BENT 6, LOWER FLAM APPROXIMATELY 1' LONG, CORROSI TO 25% SECTION LOSS [AVERAGE 15 REMAINS]	ION WITH UP		3	1	1	Feet
107	Corrosion	ALONG THE BEAM, FRECKLED CORF SCATTERED SURFACE CORROSION			2	27		Feet
	0 0	APPROXIMATELY 25% PROTECTIVE FAILURE	COATING		3	36	36	Square Feet

**General Comments** 

Spa	an 7	Near Bear	ing					
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	0	1	Square Feet
Elemer Numbe	Dofact Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILER	C		4	1		1 Square Feet
	General Comments							

Э	pan	1	

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 Pr	otective Coating	1	0	0	0	1 Square Feet
Elemer Numbe	Dofact Type	Defect Desc	ription		CS	CS Qty	Maint Qty
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED			4	1	1 Square Feet
	General Comments						

#### Beam 3

Element Number 107 Stee		Element Name ben Girder/Beam	Total Qty 28	<b>CS1</b> <b>Qty</b> 0	CS2 Qty 27	<b>CS3</b> Qty 1	CS4 Qty 0 Feet
515			137	67	0	0	70 Square Feet
	Element Number Defect Type Defect Description				CS	CS Qty	Maint Qty
<b>☐ 107</b>	Corrosion	BEAM END AT BENT 6, LOWER FL APPROXIMATELY 1' LONG, CORR TO 25% SECTION LOSS [AVERAG REMAINS]	OSION WITH UP		3	1	1 Feet
107	Corrosion	ALONG THE BEAM, FRECKLED CO SCATTERED SURFACE CORROSI			2	27	Feet
515	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTECTI FAILURE	VE COATING		4	70	70 Square Feet
	General Comments						

Spa	an 7	Near Bear	ring					
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 P	rotective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofact Type	Defect Des	scription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	FLAKING RUST		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	D		4	1		1 Square Feet
	General Comments							

Spa	an 7	Far Bearin	g					
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	otective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	)		4	1		1 Square Feet
	Conoral Commonto							

#### Beam 4

### **Plate Girder**

	ment mber Steel Op	Element Name Steel Open Girder/Beam			<b>CS2</b> Qty 27	CS3 Qty 1	CS4 Qty 0 Feet
515	Steel Pr	otective Coating	137	65	0	0	72 Square Feet
	Element Defect Type Defect Description				CS	CS Qty	Maint Qty
<b>☐ 107</b>	Corrosion	BEAM END AT BENT 6, LOWER F APPROXIMATELY 1' LONG, CORF TO 25% SECTION LOSS [AVERAG REMAINS]	ROSION WITH UP		3	1	1 Feet
107	Corrosion	ALONG THE BEAM, FRECKLED C SCATTERED SURFACE CORROS			2	27	Feet
515	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTECT FAILURE	IVE COATING		4	72	72 Square Feet
	General Comments						

Spa	an 7	Near Bea	ring					
Oth	ner Bearing							
	ement Imber	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	0	1	Square Feet
Eleme Numbe	Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND	FLAKING RUST		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	Ð		4	1		1 Square Feet
	General Comments							

Spa	n 7	Far Bearin	g					
Oth	er Bearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofact Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	0		4	1		1 Square Feet
-	General Comments							

Span 7

## Beam 5

Eleme Numb	•••••	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	ben Girder/Beam	28	0	0	28	0 F	Feet
515	Steel Pr	otective Coating	137	67	0	0	70 \$	Square Feet
Element Number	Defect Type	Defect Desci	ription		CS	CS Qty	Maint Qty	
]107 (	Corrosion	ALONG THE LENGTH OF THE LC WEB, CORROSION WITH UP TO LOSS [AVERAGE 5/16" REMAINS BALANCE OF THE BEAM, FRECH AND SCATTERED SURFACE CO	1/16" SECTION 5]. ON THE KLED CORROSION		3	27	28	Feet
]107 (	Corrosion	BEAM END AT BENT 6, LOWER I APPROXIMATELY 1' LONG, COR TO 25% SECTION LOSS [AVERA REMAINS]	ROSION WITH UP		3	1	1	Feet
<b>107</b> (	Corrosion	ALONG THE BEAM, FRECKLED ( SCATTERED SURFACE CORROS			2			Feet
	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTEC FAILURE	TIVE COATING		4	70	70	Square Feet

Bearing	Element Name	Total	CS1	CS2			
	Element Name		CS1	660			
		Qty	Qty	Qty	CS3 Qty	CS4 Qty	
Other B	earings	1	0	1	0	0	Each
Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Defect Type	Defect Desci	ription		CS	CS Qty	Maint Qty	
rrosion	SURFACE CORROSION AND FL/	AKING RUST		2	1	-	Each
ectiveness (Steel otective Coatings)	PROTECTIVE COATING FAILED			4	1		1 Square Feet
eo ote	Defect Type rosion ctiveness (Steel	Defect Type         Defect Descrives           rosion         SURFACE CORROSION AND FL           ctiveness (Steel ective Coatings)         PROTECTIVE COATING FAILED	Defect Type         Defect Description           rosion         SURFACE CORROSION AND FLAKING RUST           ctiveness (Steel ective Coatings)         PROTECTIVE COATING FAILED	Defect Type         Defect Description           rosion         SURFACE CORROSION AND FLAKING RUST           ctiveness (Steel ective Coatings)         PROTECTIVE COATING FAILED	Defect Type         Defect Description         CS           rosion         SURFACE CORROSION AND FLAKING RUST         2           ctiveness (Steel ective Coatings)         PROTECTIVE COATING FAILED         4	Defect TypeDefect DescriptionCSCS QtyrosionSURFACE CORROSION AND FLAKING RUST21ctiveness (Steel ective Coatings)PROTECTIVE COATING FAILED41	Defect Type     Defect Description     CS     CS Qty     Maint Qty       rosion     SURFACE CORROSION AND FLAKING RUST     2     1       ctiveness (Steel ective Coatings)     PROTECTIVE COATING FAILED     4     1

Spa	an 7	Far Bearing	9					
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	Protective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofact Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings				4	1		1 Square Feet
	<b>General Comments</b>							

Span 7

Beam 6

•

Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel C	pen Girder/Beam	28	0	0	0	28	Feet
515	Steel P	rotective Coating	137	0	0	0	137	Square Feet
Element Number D	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
107 Corros	sion	[PROMPT ACTION REQUEST] I ALONG THE FULL LENGTH, CO APPROXIMATELY 90% SECTIO 1/16" REMAINS] WITH KNIFE E SCALLOPING. LOWER FLANGI LENGTH, CORROSION WITH A 95% SECTION LOSS [AVERAG WITH KNIFE EDGING AND SCA 2" OF THE WEB ALONG THE LI	DRROSION WITH DN LOSS [AVERAGE DGING AND E ALONG THE FULL PPROXIMATELY E 1/32" REMAINS] ALLOPING. UPPER		4	28	2	8 Feet

	Conorol Commonto					
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	137	137	Square Feet
		2 OF THE WEB ALONG THE LENGTH, CORROSION WITH APPROXIMATELY 90% SECTION LOSS [AVERAGE 1/16" REMAINS]. LOWER 3" OF THE WEB ALONG THE LENGTH, CORROSION WITH APPROXIMATELY 95% SECTION LOSS [AVERAGE 1/32" REMAINS]. PERFORATIONS AND CORROSION HOLES EXIST IN THE LOWER 3" OF THE WEB ALONG THE LENGTH.				

mments

	Spar	ז ז	Near Be	aring					
	Othe	er 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	rotective Coating	1	0	0	0	1	Square Feet
	ement umber	Dofact Type	Defect D	escription		CS	CS Qty	Maint Qty	
	316	Corrosion	SURFACE CORROSION AND	FLAKING RUST		2	1		Each
<u> </u> {		Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAIL	.ED		4	1		Square Feet
	G	General Comments							

Spa	an 7	Far Bearin	g					
Oth	ner Bearing							
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Othe	Bearings	1	0	1	0	0	Each
515	Steel	Protective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Dofact Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FL	AKING RUST		2	1	-	Each
515	Effectiveness (Stee Protective Coatings		)		4	1		1 Square Feet
	General Comments							

Span 8		We	aring Surface						
•	t Wearing Surf								
Element Number 510		Element Name		Total Qty 307	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> Qty 307	<b>CS4</b> Qty 0 Se	quare Feet
Element Number	Defect Type	De	efect Description			CS	CS Qty	Maint Qty	
<b>510</b> Cra	ick (Wearing face)	THROUGHOUT, REFLE CRACKING CRACKING LONGITUDINAL CRAC THE OUTER 3" OF THE	G UP TO 3/16" WIDE KING UP TO 5/8" W	AND		3	307	•	Square Feet
Gene	eral Comments								
Span 8		Rig	ht Bridge Rail						
Timber	Rail								
Element Number 332		Element Name Bridge Railing		Total Qty 28	<b>CS1</b> <b>Qty</b> 27	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 1	<b>CS4</b> <b>Qty</b> 0 Fe	eet
Element Number	Defect Type	De	efect Description			CS	CS Qty	Maint	
332 Spli	it/Delamination nber)	POST 1 IS VERTICALL THE CONNECTIONS	•	VIDE AT		3	1	<b>Qty</b> 14	Feet
	eral Comments								
Span 8		Bea	am 1						
Plate G	irder								
Element Number 107		Element Name en Girder/Beam		Total Qty 28	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 0	CS4 Qty 28 Fe	et.
515		ptective Coating		136	0	0	0		quare Feet
Element Number	Defect Type	De	efect Description			CS	CS Qty	Maint Qtv	
	rosion	[PROMPT ACTION REC ALONG THE FULL LEN APPROXIMATELY 50% 1/4" REMAINS] WITH S FLANGE ALONG THE F WITH APPROXIMATEL [AVERAGE 1/32" REMA AND SCALLOPING. LO ALONG THE LENGTH, APPROXIMATELY 95% 1/32" REMAINS]. PERF CORROSION HOLES E THE WEB ALONG THE	IGTH, CORROSION SECTION LOSS [A GALLOPING. LOWI FULL LENGTH, COI Y 95% SECTION LO AINS] WITH KNIFE F WER 4" OF THE W CORROSION WITH SECTION LOSS [A FORATIONS AND EXIST IN THE LOWI	I WITH AVERAGE ER RROSION DSS EDGING EB H AVERAGE		4	28		Feet
	ectiveness (Steel tective Coatings)	PROTECTIVE COATIN	G FAILED			4	136	136	Square Feet
	eral Comments								

# Span 8

Othe	er Bearing							
	ment 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	rotective Coating	1	0	0	0	1	Square Feet
Elemen Number	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	D		4	1		1 Square Feet
	Osmanal Commonte							

**General Comments** 

Spa	n 8	Far Bearin	g					
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	0	1	Square Feet
Elemen Numbe	Dofact Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	)		4	1		1 Square Feet
-	General Comments							

Span 8

Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	28	0	25	0	3 Feet
515	Steel Protective Coating	136	66	0	0	70 Square Feet

Elemen Numbe	Dofoct Typo	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	[PROMPT ACTION REQUEST] BEAM END AT ABUTMENT 2, LOWER 3" OF THE WEB, CORROSION WITH UP TO 95% SECTION LOSS [AVERAGE 1/8" REMAINS] FOR APPROXIMATELY 8" LONG AND THEN APPROXIMATELY 50% SECTION LOSS [AVERAGE 1/4" REMAINS] FOR THE NEXT 2'-4" LONG. LOWER FLANGE, CORROSION WITH APPROXIMATELY 50% SECTION LOSS [AVERAGE 5/16" REMAINS] FOR APPROXIMATELY 3' LONG.	4	3	3	Feet
107	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	25		Feet
515	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTECTIVE COATING FAILURE	4	70	70	Square Fee

# Span 8

er Bearing							
ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Other B	earings	1	0	1	0	0	Each
Steel Pr	otective Coating	1	0	0	0	1	Square Feet
nt Pr Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	
Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	Ē	Each
Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	D		4	1		1 Square Feet
	nent nber Other B Steel Pr t <b>Defect Type</b> Corrosion Effectiveness (Steel	nent nber Element Name Other Bearings Steel Protective Coating t Defect Type Defect Des Corrosion SURFACE CORROSION AND F Effectiveness (Steel PROTECTIVE COATING FAILE	ment nber     Total Qty       Other Bearings     1       Steel Protective Coating     1       t     Defect Type       Corrosion     SURFACE CORROSION AND FLAKING RUST       Effectiveness (Steel     PROTECTIVE COATING FAILED	ment nber     Total Qty     CS1 Qty       Other Bearings     1     0       Steel Protective Coating     1     0       t     Defect Type     Defect Description       Corrosion     SURFACE CORROSION AND FLAKING RUST       Effectiveness (Steel     PROTECTIVE COATING FAILED	Total nber     CS1 CS2 Qty       Other Bearings     1     0     1       Other Bearings     1     0     1       Steel Protective Coating     1     0     0       tr     Defect Type     Defect Description     CS       Corrosion     SURFACE CORROSION AND FLAKING RUST     2       Effectiveness (Steel     PROTECTIVE COATING FAILED     4	Total nber     CS1 Qty     CS2 Qty     Qty Qty       Other Bearings     1     0     1     0       Other Bearings     1     0     1     0       Steel Protective Coating     1     0     0     0       tr     Defect Type     Defect Description     CS     CS Qty       Corrosion     SURFACE CORROSION AND FLAKING RUST     2     1       Effectiveness (Steel     PROTECTIVE COATING FAILED     4     1	Total nber       Total Qty       Qty Qty       Qty Qty       Qty Qty Qty       Qty Qty Qty Qty Qty Qty         Other Bearings       1       0       1       0       0       0         Steel Protective Coating       1       0       0       0       1       0       0         tr       Defect Type       Defect Description       CS       CS Qty       Maint Qty         Corrosion       SURFACE CORROSION AND FLAKING RUST       2       1       1       1         Effectiveness (Steel       PROTECTIVE COATING FAILED       4       1       1       1

Spa	an 8	Far Bearin	g					
Oth	ner Bearing							
	ement Imber	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	0	1	Square Feet
Eleme Numbe	Dofact Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)		D		4	1		1 Square Feet
	<b>General Comments</b>							

Spa	an 8	Beam 3						
Plat	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	pen Girder/Beam	28	0	28	0	0 F	Feet
515	Steel P	rotective Coating	136	66	0	0	70 \$	Square Feet
Elemer Numbe	Dofact Type	Defect De	scription		CS	CS Qty	Maint Qty	
107	Corrosion	ALONG THE BEAM, FRECKLE SCATTERED SURFACE CORE			2	28		Feet
515	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROT FAILURE	ECTIVE COATING		4	70	70	Square Feet
	General Comments							

Span 8		Near Bear	ing					
Other Be	earing							
Element Number		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	0	1	Square Feet
lement lumber	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316 Corro	osion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each

#### Effectiveness (Steel Protective Coatings) 515

PROTECTIVE COATING FAILED

Inspection Date: 04/03/2023

1 1 Square Feet

4

#### **General Comments**

Spa	in 8	Far Bearin	ng					
	er Bearing							
Elei	ment 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	0	1	Square Feet
Elemer Numbe		Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	<b>L</b> IJ	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILER	D		4	1		1 Square Feet
	General Comments							
Spa	ın 8	Beam 4						
Plat	te Girder							
Nur	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel C	pen Girder/Beam	28	0	28	0	0	Feet
515	Steel P	rotective Coating	136	66	0	0	70	Square Feet
Elemer Numbe	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
107	Corrosion	ALONG THE BEAM, FRECKLED SCATTERED SURFACE CORR			2	28		Feet
515	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTE FAILURE	CTIVE COATING		4	70	7	0 Square Feet
	General Comments							
Spa	ın 8	Near Bear	ing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	0	1	Square Feet
Elemer Numbe		Defect Des	cription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	,	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILER	D		4	1		1 Square Feet
General Comments								

Spa	an 8	Far Bearin	g					
Oth	ner Bearing							
	ement Imber	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	0	1	Square Feet
Eleme Numbe	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	D		4	1		1 Square Feet
	Concrel Commente							

Span	8	Beam 5						
Plate	Girder							
Eleme Numbe	er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Ste	el Open Girder/Beam	28	0	19	9	0 F	eet
515	Ste	el Protective Coating	136	66	0	0	70 S	quare Feet
Element Number	Defect Type	e Defect Des	cription		CS	CS Qty	Maint Qty	
☐ <b>107</b> C	corrosion	[PROMPT ACTION REQUEST] S THE BEAM AT APPROXIMATEL CENTERLINES, LOWER & UPPE ON THE LOWER 2" OF THE WE WITH APPROXIMATELY 30% SE [AVERAGE 1/4" REMAINS ON TI ON THE FLANGES] FOR APPRO LONG SEGMENTS.	LY 3' ER FLANGE, AND B, CORROSION ECTION LOSS HE WEB AND 3/8"		3	9	15	Feet
<b> 107</b> C	orrosion	ALONG THE BEAM, FRECKLED SCATTERED SURFACE CORRO			2	19		Feet
	ffectiveness (Storetories) (Storetories)		CTIVE COATING		4	70	70	Square Feet
Ge	eneral Commen	ts						

Spa	n 8	Near Bea	ring					
Othe	er Bearing							
Elen Nun	nent nber	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	0	1	Square Feet
Elemen Number	Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND	FLAKING RUST		2	1		Each
515	Effectiveness (Steel Protective Coatings)		D		4	1		1 Square Feet
-	General Comments							

Far Bearing

Span 8		Far Bearin	g					
Oth	her Bearing							
	ement Imber	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	0	1 Square Feet	
Eleme Numb	Dofact Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND FLAKING RUST			2	1	Each	
515	515 Effectiveness (Steel PROTECTIVE COA Protective Coatings)		)		4	1	1 Square Feet	
	General Comments							

Span 8

Beam 6

#### **Plate Girder**

CS4 CS1 CS2 CS3 Element Total **Element Name** Number Qty Qty Qty Qty Qty 107 Steel Open Girder/Beam 28 0 0 0 28 Feet 515 Steel Protective Coating 136 0 0 0 136 Square Feet

Element Number	Dofact Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	[PROMPT ACTION REQUEST] UPPER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 75% SECTION LOSS [AVERAGE 1/8" REMAINS] WITH KNIFE EDGING AND SCALLOPING. LOWER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 95% SECTION LOSS [AVERAGE 1/32" REMAINS] WITH KNIFE EDGING AND SCALLOPING. LOWER 4" OF THE WEB ALONG THE LENGTH, CORROSION WITH APPROXIMATELY 95% SECTION LOSS [AVERAGE 1/32" REMAINS]. PERFORATIONS AND CORROSION HOLES EXIST IN THE LOWER 4" OF THE WEB ALONG THE LENGTH. THE BEAM END AT BENT 7 HAS CRIPPLED AND SETTLED APPROXIMATELY 1".	4	28	28	Feet
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	136	136	Square Fee

Spa	an 8	Near Bear	ing					
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other I	Bearings	1	0	1	0	0	Each
515	Steel F	Protective Coating	1	0	0	0	1	Square Feet
Elemer Numbe	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	SURFACE CORROSION AND FLAKING RUST		2	1		Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	D		4	1		1 Square Feet
	General Comments							

# Span 8

Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	0	1	Square Feet
Elemen Numbe	Dofact Type	Defect Des	cription		CS	CS Qty	Maint Qty	
316	Corrosion	SURFACE CORROSION AND F	LAKING RUST		2	1	·	Each
515	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILE	D		4	1		1 Square Fee

**General Comments** 

### Bent 1

Abutment

#### **Reinforced Concrete Abutment**

Elen Num 215	nber	Element Name ced Concrete Abutment	Total Qty 31	<b>CS1</b> <b>Qty</b> 9	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> Qty 22	<b>CS4</b> Qty 0 Fe	eet
Element Number	Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
215	Cracking (RC and Other)	FULL WIDTH HORIZONTAL CRACK I WITH EXPOSED AGGREGATE, STAI THE TOP OF ABUTMENT			3	20	20	Feet
215	Delamination/Spall	[PROMPT ACTION REQUEST] 15" X SPALL, NO EXPOSED REBAR, WITH APPROXIMATELY 30% UNDERMINI BEAIRNG ON THE TOP OF ABUTME NORTH END, SIMILAR AT THE SOU	H NG OF THE INT ON THE		3	2	2	Feet

**General Comments** 

### Bent 1

Cap 1

# **Reinforced Concrete Pier Cap**

Element Number 234	Element Name Reinforced Concrete Pier Cap		Total Qty 15	CS1 Qty 6	<b>Qty</b> 0	CS3 Qty 9	CS4 Qty 0 Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Otv

Numbe		Dolott Docenpilon		00 4.9	Qty	
234	Delamination/Spall	12" X 6" X 3" SPALL, NO EXPOSED REBAR, ON THE SOUTH END OF CAP	3	1	1 Feet	
234	Delamination/Spall	2' X 6" X 10" SPALL, NO EXPOSED REBAR, ON THE NORTH END OF CAP	3	2	2 Feet	
234	Delamination/Spall	6 SPALLS UP TO 15" X 2" X 3", NO EXPOSED REBAR, ALONG THE TOP OF CAP ON THE WEST FACE	3	6	6 Feet	

Structure Number: 830102

### Bent 2

#### **Reinforced Concrete Column**

Elen Num 205		Element Name ed Concrete Column	Total Qty 1	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> Qty 1	<b>CS3</b> <b>Qty</b> 0	<b>CS4</b> Qty 0	Each
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
205	Abrasion/Wear (PSC/RC)	ABRASION AND WEAR, AGGRE THE BASE OF COLUMN FOR UF WATER LINE			2	1	-	Each

General Comments

## Bent 2

## Abutment

Pile 1

#### **Reinforced Concrete Abutment**

Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinfor	ced Concrete Abutment	20	0	0	20	0 F	eet
Element Number	Dofact Type	Defect Description	I		CS	CS Qty	Maint Qty	
215	Cracking (RC and Other)	2.5' HORIZONTAL CRACK UP TO 1/16" TOP OF BACKWALL IN BAY 2, SIMILAR			3		5	Feet
215	Cracking (RC and Other)	FULL WIDTH HORIZONTAL CRACK UP WITH EXPOSED AGGREGATE, STABL THE TOP OF ABUTMENT			3	20	20	Feet
215	Delamination/Spall	6" X 4" X 2" SPALL, NO EXPOSED REB OF NORTHEAST CORNER OF CAP, SII THE SOUTHEAST CORNER	,		3		2	Feet
215	Delamination/Spall	3" DIAMETER X 1/2" DEEP SPALL, NO REBAR, IN THE FACE OF ABUTMENT BEAM 2			2		1	Feet

**General Comments** 

Ber	nt 3	Pile 1									
Reinforced Concrete Column											
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty				
205	Reinfor	ced Concrete Column	1	0	0	1	0 Each				
Elemer Numbe	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty				
205	Delamination/Spall	2 SPALLS UP TO 12" X 4" X 4", NO B REBAR, IN THE NORTH FACE OF C THE WATER LINE			3	1	2 Each				
205	Abrasion/Wear (PSC/RC)	ABRASION AND WEAR, AGGREGA THE BASE OF COLUMN FOR UP TO WATER LINE	,		2		Each				

Structure Number: 830102

Bent 4

## Reinforced Concrete Pier Cap

Elen Num 234	nber	Element Name ced Concrete Pier Cap	Total Qty 12	<b>CS1</b> <b>Qty</b> 10	<b>CS2</b> <b>Qty</b> 0	CS3 Qty 2	CS4 Qty 0 Feet	
Element Number	Defect Turne	Defect Des	cription		CS	CS Qty	Maint Qty	
234	Delamination/Spall	2 SPALLS UP TO 8" X 6" X 4", N REBAR, ON THE SOUTH END ( UNDER BEAM 9			3	2	2 Feet	

General Comments

## Bent 4

## Pile 1

Cap 1

#### Reinforced Concrete Column

	ment nber Reinfor	Element Name ced Concrete Column	Total Qty 1	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 1	<b>CS4</b> <b>Qty</b> 0	Each
Elemer Numbe	Dofact Type	Defect Description			CS	CS Qty	Maint Qty	
205	Delamination/Spall	12" X 4" X 1/2" DEEP SPALL WITH EXPO REBAR, NO SECTION LOSS, IN EAST F COLUMN UNDER BEAM 8, 4' FROM THE	ACE OF		3	1	1	Each
205	Abrasion/Wear (PSC/RC)	ABRASION AND WEAR, AGGREGATE S THE BASE OF COLUMN FOR UP TO 6 F THE WATER LINE	,		2			Each
205	Delamination/Spall	11 SPALLS UP TO 4" DIAMETER X 3/4" I EXPOSED REBAR, THROUGHOUT THE FACE OF COLUMN	,		2		11	Each

**General Comments** 

### Bent 5

Cap 1

## **Reinforced Concrete Pier Cap**

	nent nber Reinford	Element Name ed Concrete Pier Cap	Total Qty 12	<b>CS1</b> Qty 3	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> Qty 9	<b>CS4</b> Qty 0	
Elemen Numbe	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
234	Delamination/Spall	12" X 18" X 10" SPALL WITH EXPOSED NO SECTION LOSS, ON THE NORTH EI	,		3	1		2 Feet
234	Delamination/Spall	8 SPALLS UP TO 18" X 4" X 3", NO EXP REBAR, ALONG THE TOP OF THE CAP EAST FACE			3	8		8 Feet
234	Exposed Rebar	3" AREA OF EXPOSED REBAR, NO SEC LOSS, IN THE WEST FACE OF CAP UN 7			2			1 Feet

Structure Number: 830102

Pile 1

### Bent 5

#### Reinforced Concrete Column

	ment mber Reinfor	Element Name ced Concrete Column	Total Qty 1	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 1	<b>CS3</b> <b>Qty</b> 0	<b>CS4</b> <b>Qty</b> 0 F	Each
Elemer Numbe	Dofact Type	Defect Description			CS	CS Qty	Maint Qty	
205	Delamination/Spall	12" X 30" SPALLING/DELAMINATION IN WEST FACE OF COLUMN UNDER BEA [SPALLING UP TO 3/4" DEEP			3		3	Each
205	Abrasion/Wear (PSC/RC)	ABRASION AND WEAR, AGGREGATE S THE BASE OF COLUMN FOR UP TO 6' WATER LINE	,		2			Each
205	Delamination/Spall	4 SPALLS UP TO 5" DIAMETER X 3/4" I EXPOSED REBAR, THROUGHOUT THE FACE OF COLUMN	,		2	1	4	Each

Bent 6	Cap 1					
Steel Pier (	Сар					
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
231	Steel Pier Cap	12	2	4	0	6 Feet
515	Steel Protective Coating	80	70	0	0	10 Square Feet

Elemer Numbe	Dofact Type	Defect Description	cs	CS Qty	Maint Qty	
231	Corrosion	[PROMPT ACTION REQUEST] ON THE EAST FACE AND WEST FACE AT EACH BEAM, THE SIFFENERS HAVE CORROSION WITH SECTION LOSS UP TO 90% [AVERAGE 1/8" REMAINING WITH SCATTERED CORROSION HOLES AT THE EDGES]. AT THE STIFFENERS ON BOTH SIDES IN THE CAP WEB, THERE IS AN APPROXIMATELY 1" WIDE BAND OF CORROSION WITH SECTION LOSS UP TO 50% [AVERAGE 1/4" REMAINS]. IN THE UPPER FLANGE OF THE CAP AT THE STIFFENER LOCATIONS UP TO 1" BACK FOR THE WIDTH OF THE BEAM ABOVE, CORROSION WITH APPROXIMATELY 25% SECTION LOSS [AVERAGE 7/16" REMAINING].	4	6	12	Feet
231	Corrosion	SCATTERED IN THE CAP, FRECKLED CORROSION AND SURFACE CORROSION	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATING FAILURE	4	10	10	Square Feet
	Companyal Companyanta					

General	Comments	

Bent 6		Pile 1						
Steel Pil	le							
Element Number	Element Nam	le	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile		1	0	0	1	0	Each
515	Steel Protective Coating		149	134	0	0	15	Square Feet
lement lumber	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: <u>830102</u>		Inspection Date: 04/03/2023			
225	Corrosion	[PROMPT ACTION REQUEST] TOP OF THE PILE ON THE RIGHT FLANGE EARS FOR APPROXIMATELY 1" HIGH, CORROSION WITH APPROXIMATELY 50% SECTION LOSS [AVERAGE 1/4" REMAINS]	3	1 ·	Each	
225	Corrosion	SCATTERED SURFACE RUST THROUGHOUT THE PILE	2		Each	
515	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATING FAILURE	4	15 15	5 Square Feet	
	General Comments					

Bent	t 6	Pile 2						
Stee	l Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pil	le	1	0	0	1	0 1	Each
515	Steel Pr	otective Coating	149	134	0	0	15 \$	Square Feet
Element Number	Dofact Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
225	Corrosion	[PROMPT ACTION REQUEST] TOP ( ON THE FLANGES FOR APPROXIM/ CORROSION WITH APPROXIMATE SECTION LOSS [AVERAGE 1/4" REM	ATELY 1" HIGH, LY 50%		3	1	1	Each
225	Corrosion	SCATTERED SURFACE RUST THRC	OUGHOUT THE		2			Each
	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATIN	G FAILURE		4	15	15	Square Feet
_								

Ber	nt 6	Pile 3						
Ste	el Pile							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	9	1	0	0	1	0 E	ach
515	Steel Pro	tective Coating	149	134	0	0	15 S	quare Feet
Elemer	nt						Maint	
Numbe	Dofact Type	Defect Description			CS	CS Qty	Qty	
Numbe	Dofact Type	Defect Description CORROSION WITH PACK RUST PRES BETWEEN THE TOP OF PILE AND THE	ENT		<b>CS</b> 3	CS Qty 1		Each
	er Defect Type	CORROSION WITH PACK RUST PRES	ENT E CAP					Each Each
225	er Defect Type Corrosion	CORROSION WITH PACK RUST PRES BETWEEN THE TOP OF PILE AND THE SCATTERED SURFACE RUST THROU	ENT E CAP GHOUT THE		3			

Bent 7		Cap 1						
Steel Pie	er Cap							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
231	Steel Pier Cap		12	0	9	1	2	Feet
515	Steel Protective Coating		80	65	0	0	15	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	e Number: 830102			Inspectior	Date: 04/03/2023
231	Corrosion	[PROMPT ACTION REQUEST] ON THE EAST FACE AND WEST FACE AT BEAMS 1 & 6, THE SIFFENERS HAVE CORROSION WITH SECTION LOSS UP TO 90% [AVERAGE 1/8" REMAINING WITH CORROSION HOLES AT THE EDGES]. AT THE STIFFENERS ON BOTH SIDES IN THE CAP WEB, THERE IS AN APPROXIMATELY 1" WIDE BAND OF CORROSION WITH SECTION LOSS UP TO 50% [AVERAGE 1/4" REMAINS]. IN THE UPPER FLANGE OF THE CAP AT THE STIFFENER LOCATIONS UP TO 1" BACK FOR THE WIDTH OF THE BEAM ABOVE, CORROSION WITH APPROXIMATELY 25% SECTION LOSS [AVERAGE 7/16" REMAINING].	4	2	4 Feet
231	Corrosion	[PROMPT ACTION REQUEST] TOP OF THE CAP AT THE LEFT END, EAST FACE EAR, CORROSION WITH SECTION LOSS UP TO 80% [AVERAGE 3/16" REMAINS] FOR APPROXIMATELY 6" LONG	3	1	1 Feet
231	Corrosion	SCATTERED IN THE CAP, FRECKLED CORROSION AND SURFACE CORROSION	2	9	Feet
515	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATING FAILURE	4	15 <sup>·</sup>	5 Square Feet
	General Comments				

Ber	nt 7	Pile 1					
Ste	el Pile						
	ment mber Steel	Element Name	Total Qty 1	<b>CS1</b> <b>Qty</b> 0	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 1	CS4 Qty 0 Each
515	Steel	Protective Coating	149	134	0	0	15 Square Feet
Elemer Numbe	Dofact Type	Defect Descript	ion		CS	CS Qty	Maint
Numbe	er	Dereot Descript				•	Qty
225	Corrosion	CORROSION WITH PACK RUST PR BETWEEN THE TOP OF PILE AND	ESENT		3	1	1 Each
		CORROSION WITH PACK RUST PR	ESENT ГНЕ CAP			1	•
225	Corrosion	CORROSION WITH PACK RUST PR BETWEEN THE TOP OF PILE AND SCATTERED SURFACE RUST THR PILE SCATTERED PROTECTIVE COATIN	ESENT IHE CAP OUGHOUT THE		3	1	1 Each

Ben	it 7	Pile 2						
Stee	el Pile							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pil	e	1	0	0	1	0	Each
515	Steel Pr	otective Coating	149	134	0	0	15	Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
225	Corrosion	CORROSION WITH PACK RUST BETWEEN THE TOP OF PILE AN	-		3	1	1	Each
225	Corrosion	SCATTERED SURFACE RUST T PILE	HROUGHOUT THE		2			Each
515	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COA	TING FAILURE		4	15	15	5 Square Feet
-	General Comments							

Structure	Number: <u>830102</u>					Ins	spection D	Date: 04/03/2023
Ben	nt 7	Pile 3						
Ste	el Pile							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pil	e	1	0	0	1	0 E	Each
515	Steel Pro	otective Coating	149	134	0	0	15 \$	Square Feet
Elemer Numbe	Dofact Type	Defect Descri	otion		CS	CS Qty	Maint Qty	
225	Corrosion	CORROSION WITH PACK RUST P BETWEEN THE TOP OF PILE AND			3	1	1	Each
225	Corrosion	SCATTERED SURFACE RUST THI PILE	ROUGHOUT THE		2			Each
515	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COAT	ING FAILURE		4	15	15	Square Feet
	General Comments							

## **Elements Verfied**

Location Name Component	Element Name	Amount
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# **General Inspection Notes**

Span 1

Deck

THIS STRUCTURE WAS CLOSED AND TAKEN OUT OF SERVICE ON 9/25/2019 ACCORDING TO NCDOT TIMS DASHBOARD. REPLACEMENT WILL BEGIN IN 2022 WITH RIGHT OF WAY PURCHASE AND CONSTRUCTION YEAR IS SCHEDULED FOR 2023.

# **National Bridge and NC Inspection Items**

Structure Number: 830102

Inspection Date: 04/03/2023

#### National Bridge Inventory Items

ltem	Grade Scale	Grade	
Item 58: Deck	0 - 9 , N	N	Note:
Item 59: Superstructure	0 - 9 , N	N	Items 58,59,60,62 reflect this inspection only.
Item 60: Substructure	0 - 9 , N	N	
Item 61: Channel and Channel Protection	0 - 9 , N	N	For overall NBI coding grade, see cover sheet.
Item 62: Culvert	0 - 9 , N	N	
Item 71: Waterway Adequacy	0 - 9 , N		
Item 72: Approach Roadway Alignment	0 - 9 , N		

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			
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			
Wingwall	G, F, P, or C			
Field Scour Evaluation				
Drift	G, F, P, or C			
Fender System	G, F, P, or C			
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C			
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	
Priority Maintenance Request Submitted	YES/NO	
Inspection Time	Hours	1
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	
Bucket Truck Used	YES/NO	
Boat Used	YES/NO	
Other Equipment Used	YES/NO	
Portion of Structure in > 3' of water	YES/NO	

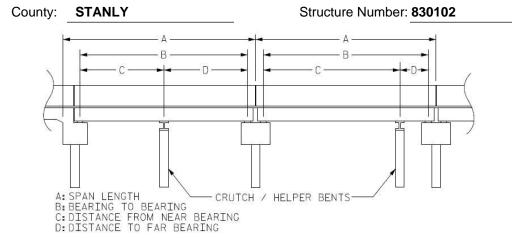
# National Bridge and NC SMU Inspection Item Details

Structure Number: 830102 Inspection Date: 04/03/2023
Item Grade Maint Code Qty.
Details

Structure: 830102

## Structure Data Worksheet

Span Profile



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	27.250	26.417			
2	36.083	35.667			
3	36.083	35.667			
4	35.917	35.500			
5	36.167	35.750			
6	27.000	26.583			
7	27.583	27.123			
8	27.417	26.417			

Structure: 830102

Date: 04/03/2023



LOOKING WEST