NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: BRIDGE CLOSED

Structure Safety Report

Routine Element Inspection

STRUCTURE NUMBER: 830102 **SAP STRUCTURE NO:** 0840102 **FHWA STRUCTURE NO:** 000000001670102

DIVISION: 10 **COUNTY:** STANLY **INSPECTION DATE:** 04/03/2023 **FREQUENCY:** 24 MONTHS

FACILITY CARRIED: SR1917 (CLOSED) **MILE POST:**

LOCATION: 75 FT. W. JCT. SR1954

FEATURE INTERSECTED: LONG CREEK

LATITUDE: 35° 13' 25.87" **LONGITUDE:** 80° 15' 32.25"

SUPERSTRUCTURE: TIMBER DECK 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 PROFILE SHEET FOR SPAN DETAILS

☐ FRACTURE CRITICAL ☐ TEMPORARY SHORING ☐ SCOUR CRITICAL ☐ SCOUR PLAN OF ACTION

GRADES: (Inspector/NBI Coding) **DECK** N / 8 **SUPERSTRUCTURE** N / 3 **SUBSTRUCTURE** N / 5 **CULVERT** N / N

POSTED SV: 0 **POSTED TTST:** 0

OTHER SIGNS PRESENT: NONE

LOOKING WEST

Sign noticed issued for		Number Required
NO	**WEIGHT LIMIT**	0
NO	**DELINEATORS**	0
NO	**NARROW BRIDGE**	0
NO	**ONE LANE BRIDGE**	0
NO	**LOW CLEARANCE**	0

DIRECTION OF INSPECTION W-E

DIRECTION MATCHES PLANS

INSPECTED BY	SIGNATURE	ASSISTED BY
D HACKNEY		R GAINES

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

06/16/2023

IDENTIFICATION

(1) STATE NAME NORTH CAROLINA BRIDGE **830102**
(8) STRUCTURE NUMBER (FEDERAL) **1670102**
(5) INVENTORY ROUTE (ON/UNDER) ON **31019170**
(2) STATE HIGHWAY DEPARTMENT DISTRICT **10**
(3) COUNTY CODE (FEDERAL) **167** (4) PLACE CODE **0**
(6) FEATURE INTERSECTED **LONG CREEK**
(7) FACILITY CARRIED **SR1917 (CLOSED)**
(9) LOCATION **75 FT. W. JCT. SR1954**
(11) MILEPOINT **0.0**
(12) BASE HIGHWAY NETWORK **0**
(13) LRS INVENTORY ROUTE & SUBROUTE **0**
(16) LATITUDE **35° 13' 25.87"** (17) LONGITUDE **80° 15' 32.25"**
(98) BORDER BRIDGE STATE CODE PERCENT SHARED
(99) BORDER BRIDGE STRUCTURE NUMBER

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN **Steel**
TYPE **Stringer/Multi-beam or girder** CODE **302**
(44) STRUCTURE TYPE APPROACH
TYPE CODE
(45) NUMBER OF SPANS IN MAIN UNIT **8**
(46) NUMBER OF SPANS IN APPROACH **0**
(107) DECK STRUCTURE TYPE CODE **8**
(108)WEARING SURFACE/PROTECTIVE SYSTEM
(A) TYPE OF WEARING SURFACE CODE **6**
(B) TYPE OF MEMBRANE CODE **0**
(C) TYPE OF DECK PROTECTION CODE **0**

AGE AND SERVICE

(27) YEAR BUILT **1950**
(106) YEAR RECONSTRUCTED **1982**
(42) TYPE OF SERVICE ON - **Highway**
OFF - **Waterway** CODE **15**
(28) LANES ON STRUCTURE **1** LANES UNDER STRUCTURE **0**
(29) AVERAGE DAILY TRAFFIC **190**
(30) YEAR OF ADT **2015** (109) TRUCK ADT PCT **6**
(19) BYPASS OR DETOUR LENGTH **2.0**

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN **36.0**
(49) STRUCTURE LENGTH **254.0**
(50) CURB OR SIDEWALK: LEFT **0.4** RIGHT **0.4**
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB **11.2**
(52) DECK WIDTH OUT TO OUT **12.3**
(32) APPROACH ROADWAY WITH (W/ SHOULDERS) **16.0**
(33) BRIDGE MEDIAN CODE **8**
(34) SKEW **0** (35) STRUCTURE FLARED **0000**
(10) INVENTORY ROUTE MIN VERT CLEAR **999.9**
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR **0.0**
(53) MIN VERT CLEAR OVER BRIDGE RDWY **999.9**
(54) MIN VERT UNDERCLEAR: REFERENCE **0.0**
(55) MIN LAT UNDERCLEARANCE RT: REFERENCE **N** **0.0**
(56) MIN LAT UNDERCLEARANCE LT: **0.0**

NAVIGATION DATA

(38) NAVIGATION CONTROL - CODE **5**
(111) PIER PROTECTION CODE
(39) NAVIGATION VERTICAL CLEARANCE **0.0**
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR **0.0**
(40) NAVIGATION HORIZONTAL CLEARANCE **0.0**

SUFFICIENCY RATING **25.78**
STATUS = **Structurally Deficient**

CLASSIFICATION — CODE

(112) NBIS BRIDGE SYSTEM **Y**
(104) HIGHWAY SYSTEM **Inventory Route not on NHS** **0**
(26) FUNCTIONAL CLASS **Rural Local** **09**
(100) STRAHNET HIGHWAY **Not a STRAHNET Route** **0**
(101) PARALLEL STRUCTURE **0**
(102) DIRECTION OF TRAFFIC **One lane bridge** **3**
(103) TEMPORARY STRUCTURE
(110) DESIGNATED NATIONAL NETWORK - **on national network for trucks** **0**
(20) TOLL **On Free Road** **3**
(21) MAINT - **01**
(22) OWNER - **01**
(37) HISTORICAL SIGNIFICANCE - **5**

CONDITION — CODE

(58) DECK **8**
(59) SUPERSTRUCTURE **3**
(60) SUBSTRUCTURE **5**
(61) CHANNEL & CHANNEL PROTECTION **4**
(62) CULVERTS **N**

LOAD RATING AND POSTING — CODE

(31) DESIGN LOAD **Unknown** **0**
(63) OPERATING RATING METHOD - **Load Factor** **1**
(64) OPERATING RATING - **HS-2** **3**
(65) INVENTORY RATING METHOD - **1**
(66) INVENTORY RATING **HS-1** **1**
(70) BRIDGE POSTING **Posting Required** **0**
(41) STRUCTURE OPEN, POSTED, OR CLOSED **K**
DESCRIPTION **Bridge Closed to All Traffic**

APPRAISAL — CODE

(67) STRUCTURAL EVALUATION **3**
(68) DECK GEOMETRY **N**
(69) UNDERCLEARANCES, VERT & HORIZ **N**
(71) WATERWAY ADEQUACY **0**
(72) APPROACH ROADWAY ALIGNMENT **8**
(36) TRAFFIC SAFETY FEATURES **0**
(113) SCOUR CRITICAL BRIDGES **U**

PROPOSED IMPROVEMENTS

(75) TYPE OF WORK CODE
(76) LENGTH OF STRUCTURE IMPROVEMENT
(94) BRIDGE IMPROVEMENT COST
(95) ROADWAY IMPROVEMENT COST
(96) TOTAL PROJECT COST
(97) YEAR OF IMPROVEMENT COST ESTIMATE
(114) FUTURE ADT **380** YEAR OF FUTURE ADT **2040**

INSPECTION

(90) INSPECTION DATE **04/23** (91) FREQUENCY **24**
(92) CRITICAL FEATURE INSPECTION (93) CFI DATE
A) FRACTURE CRIT DETAIL A)
B) UNDERWATER INSP B)
C) OTHER SPECIAL INSP C)
SCOUR

Superstructure Build Details

Span Number 1 **Span Length** 27.250 **Skew** 90.000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
2	Timber Rail	Timber Bridge Railing	56	Feet		
12	Other Bearing	Other Bearings	12	Each	Unknown	12
1	Asphalt Wearing Surface	Wearing Surface	305	Square Feet		
1	Timber Deck	Timber Deck	334	Square Feet		
6	Plate Girder	Steel Open Girder/Beam	168	Feet	Unknown	810

Span Number 2 **Span Length** 36.083 **Skew** 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		
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 Number 3 **Span Length** 36.083 **Skew** 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 Number 4 **Span Length** 35.917 **Skew** 90.000

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

1	Asphalt Wearing Surface	Wearing Surface	402	Square Feet		
18	Other Bearing	Other Bearings	18	Each	Unknown	18
9	Plate Girder	Steel Open Girder/Beam	324	Feet	Unknown	1602
1	Timber Deck	Timber Deck	440	Square Feet		

Span Number 5 **Span Length** 36.167 **Skew** 90.000

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 Number 6 **Span Length** 27.000 **Skew** 90.000

Number of Items	Type of Component	Element Name	Quantity		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	Each	Unknown	12
6	Plate Girder	Steel Open Girder/Beam	162	Feet	Unknown	804
2	Timber Rail	Timber Bridge Railing	54	Feet		

Span Number 7 **Span Length** 27.583 **Skew** 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 Number 8 **Span Length** 27.417 **Skew** 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	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

Structure Number: **830102** Inspection Date **04/03/2023**

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

Structure Number: **830102** Inspection Date: **04/03/2023**

Span 1 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	305	0	0	305	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **510**	Crack (Wearing Surface)	THROUGHOUT, REFLECTIVE TRANSVERSE CRACKING CRACKING UP TO 3/16" WIDE AND LONGITUDINAL CRACKING UP TO 5/8" WIDE IN THE OUTER 3" OF THE MAT	3	305	305	Square Feet

General Comments

Span 1 — Left Bridge Rail

Timber Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber Bridge Railing	28	16	0	12	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **332**	Split/Delamination (Timber)	TOP BOARD FROM ABUTMENT 1, THE TIMBER IS WEATHERED, DRY , AND LONGITUDINALLY SPLIT ALONG THE LENGTH	3	12	12	Feet

General Comments

Span 1 — Beam 1

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	Defect 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 ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 50% SECTION LOSS [AVERAGE 5/16" REMAINS]. LOWER 2" OF THE WEB ALONG THE LENGTH, CORROSION WITH APPROXIMATELY 50% SECTION LOSS [AVERAGE 3/16" REMAINS].	4	28	28	Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	135	135	Square Feet

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	
☐ **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

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	
☐ **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 — 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	Defect 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
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	135	135	Square Feet

General Comments

Span 1 — Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	28	0	28	0	0	Feet
515	Steel Protective Coating	135	99	0	0	36	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION WITH FLAKING RUST AND PITTING UP TO 1/16" DEEP	2	28		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 25% PROTECTIVE COATING FAILURE	4	36	36	Square Feet

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	
☐ **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

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	
☐ **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 — 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

☐ **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

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	
☐ **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 — Beam 4

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	65	0	0	70	Square Feet

Element Number	Defect 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 80% SECTION LOSS [AVERAGE 1/4" REMAINS].	4	28	28	Feet
☐ **107**	Corrosion	ALONG THE LENGTH, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2			Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTECTIVE COATING FAILURE	4	70	70	Square Feet

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	
☐ **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

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	
☐ **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 — Beam 5

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	65	0	0	70	Square Feet

Element Number	Defect 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 3/16" REMAINS] WITH SCALLOPING. LOWER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 90% SECTION LOSS [AVERAGE 3/16" REMAINS] WITH SCALLOPING. LOWER 1" OF THE WEB ALONG THE LENGTH, CORROSION WITH APPROXIMATELY 50% SECTION LOSS [AVERAGE 3/16" REMAINS].	4	28	28	Feet
☐ **107**	Corrosion	ALONG THE LENGTH, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2			Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTECTIVE COATING FAILURE	4	70	70	Square Feet

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	
☐ **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

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	
☐ **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 — 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	Defect 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

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	
☐ **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

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	
☐ **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 2 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	403	0	0	403	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **510**	Crack (Wearing Surface)	THROUGHOUT, REFLECTIVE TRANSVERSE CRACKING CRACKING UP TO 3/16" WIDE AND LONGITUDINAL CRACKING UP TO 5/8" WIDE IN THE OUTER 3" OF THE MAT	3	403	403	Square Feet

General Comments

Span 2 — Left Bridge Rail

Timber Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber Bridge Railing	37	36	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **332**	Split/Delamination (Timber)	POST 2, VERTICALLY SPLIT UP TO 1/2" WIDE X APPROXIMATELY 2' HIGH, AND THE OUTRIGGER IS SPLIT SIMILARLY	3	1	4	Feet

General Comments

Span 2 — Right Bridge Rail

Timber Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber Bridge Railing	37	35	0	2	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **332**	Connection	TOP BOARD HAS LOST A CONNECTION AT A JOINT	3	1	1	Feet
☐ **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

Span 2 Beam 1

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	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	[PROMPT ACTION REQUEST] BEAM END AT BENT 2, UPPER 3" OF THE WEB, CORROSION WITH 100% SECTION LOSS FOR 1% LONG, AND THEN APPROXIMATELY 90% SECTION LOSS [AVERAGE 1/16" REMAINS] FOR APPROXIMATELY 14" LONG.	4	2	2	Feet
☐ **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	34	34	Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	179	179	Square Feet

General Comments

Span 2 Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 2 Beam 2

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	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **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 8" LONG.	4	36	36	Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	179	179	Square Feet

General Comments

Span 2 Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 2 Beam 3

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	Defect Type	Defect Description	CS	CS Qty	Maint Qty

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

General Comments

Span 2 Near Bearing

Other Bearing

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

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	**316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐	**515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 2 Beam 4

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	
☐	**107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	36		Feet
☐	**515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 5% PROTECTIVE COATING FAILURE	4	9	9	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 2 — Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open 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	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	36		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 5% PROTECTIVE COATING FAILURE	4	9	9	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 2 — Beam 6

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	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	36		Feet

☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 5% PROTECTIVE COATING FAILURE	4	9	9	Square Feet	

General Comments

Span 2 — Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 2 — 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	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	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	36		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 5% PROTECTIVE COATING FAILURE	4	9	9	Square Feet

General Comments

Span 2 — Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 2 Beam 8

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	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **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]. LOWER 2" OF THE WEB ALONG THE LENGTH, UP TO 100% SECTION LOSS [AVERAGE 1/16" REMAINS WITH COMPLETE SECTION LOSS FOR UP TO 12" LONG IN SCATTERED AREAS]. BEAM END AT BENT 1, LOWER 2" OF THE WEB, 100% SECTION LOSS FOR APPROXIMATELY 5" LONG.	4	36	36	Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	179	179	Square Feet

General Comments

Span 2 Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 2 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	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **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

Span 2 — Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each

☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet	

General Comments

Span 2 — Far Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING 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

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	403	0	0	403	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **510**	Crack (Wearing Surface)	THROUGHOUT, REFLECTIVE TRANSVERSE CRACKING CRACKING UP TO 3/16" WIDE AND LONGITUDINAL CRACKING UP TO 5/8" WIDE IN THE OUTER 3" OF THE MAT	3	403	403	Square Feet

General Comments

Span 3 — Left Bridge Rail

Timber Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber Bridge Railing	37	36	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **332**	Split/Delamination (Timber)	POST 7, THE OUTRIGGER IS SPLIT FULL LENGTH X UP TO 1" WIDE	3	1	1	Feet

General Comments

Span 3 — Beam 1

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	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **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

Span 3 — 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	
☐ **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 3 — 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	
☐ **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 3 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	36	0	0	36	0	Feet
515	Steel Protective Coating	179	143	0	0	36	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	[PROMPT ACTION REQUEST] ALONG THE UPPER FLANGE IN THE OUTER 3", CORROSION WITH UP TO 50% SECTION LOSS [AVERAGE 1/4" REMAINS].	3	36	36	Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 20% PROTECTIVE COATING FIALURE	4	36	36	Square Feet

General Comments

Span 3 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	
☐ **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 3 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	
☐ **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 3 — Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	36	0	0	36	0	Feet
515	Steel Protective Coating	179	143	0	0	36	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	[PROMPT ACTION REQUEST] ALONG THE UPPER FLANGE IN THE OUTER 2", CORROSION WITH UP TO 50% SECTION LOSS [AVERAGE 1/4" REMAINS].	3	36	36	Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 20% PROTECTIVE COATING FIALURE	4	36	36	Square Feet

General Comments

Span 3 — 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	
☐ **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 3 — 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	
☐ **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 3 — Beam 4

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	143	0	0	36	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	36		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED PAINT FAILURE, FINISH AND PRIMER COATS, THROUGHOUT THE TOP AND BOTTOM FLANGES AND WEB OF BEAM	4	36	36	Square Feet

General Comments

Span 3 — 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	
☐ **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 3 — 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	
☐ **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 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

☐ **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

Span 3 — 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	
☐ **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 3 — 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	
☐ **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 3 — Beam 6

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	
☐ **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

Span 3 — 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	
☐ **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 3 — 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	
☐ **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 3 — 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	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	
☐ **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

Span 3 — 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	
☐ **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 3 — 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	
☐ **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 3 — Beam 8

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	
☐ **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

Span 3 — 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	
☐ **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 3 — 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	
☐ **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 3 — 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	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **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 1/16" 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" REMAINS].	4	36	36	Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	179	179	Square Feet

General Comments

Span 3 — 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	
☐ **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 3 — 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	
☐ **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 4 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	402	0	0	402	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **510**	Crack (Wearing Surface)	THROUGHOUT, REFLECTIVE TRANSVERSE CRACKING CRACKING UP TO 3/16" WIDE AND LONGITUDINAL CRACKING UP TO 5/8" WIDE IN THE OUTER 3" OF THE MAT	3	402	402	Square Feet

General Comments

Span 4 — Left Bridge Rail

Timber Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber Bridge Railing	36	23	12	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **332**	Connection	THE TOP BOARD HAS AN INEFFECTIVE CONNECTION	3	1	1	Feet
☐ **332**	Connection	TOP BOARD, THE TIMBER IS WEATHERED, DRY , AND LONGITUDINALLY SPLIT ALONG THE LENGTH	2	12	12	Feet

General Comments

Span 4 — Right Bridge Rail

Timber Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber Bridge Railing	36	35	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **332**	Split/Delamination (Timber)	POST 2, VERTICALLY SPLIT UP TO 1/2" WIDE X APPROXIMATELY 2' HIGH, AND THE OUTRIGGER IS SPLIT SIMILARLY	3	1	4	Feet

General Comments

Span 4 Beam 1

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	0	0	0	178	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **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 1" OF THE WEB ALONG THE LENGTH, CORROSION WITH APPROXIMATELY 75% SECTION LOSS [AVERAGE 1/8" REMAINS]. LOWER 2" OF THE WEB AT THE BEAM END AT BENT 3, CORROSION WITH APPROXIMATELY 90% SECTION LOSS [AVERAGE 1/16" REMAINS] FOR APPROXIMATELY 8" LONG, THEN ALONG THE BALANCE OF THE LENGTH, UP TO 75% SECTION LOSS [AVERAGE 3/32" REMAINS].	4	36	36	Feet
☐ **107**	Distortion	[PROMPT ACTION REQUEST] APPROXIMATELY 12' OUT FROM BENT 3, THE BEAM HAS A NOTICEABLE DEFLECTION AT THE LOWER FLANGE [APPROXIMATELY 1.5"/8']	4		36	Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	178	178	Square Feet

General Comments

Span 4 Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

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

Element Number	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 Feet

General Comments

Span 4 — Beam 2

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	178	169	0	0	9	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	36		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 5% PROTECTIVE COATING FAILURE	4	9	9	Square Feet

General Comments

Span 4 — Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

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

Element Number	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 Feet

General Comments

Span 4 — Beam 3

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	178	169	0	0	9	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	36		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 5% PROTECTIVE COATING FAILURE	4	9	9	Square Feet

General Comments

Span 4 — Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

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

Element Number	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 Feet

General Comments

Span 4 — Beam 4

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	178	169	0	0	9	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	36		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 5% PROTECTIVE COATING FAILURE	4	9	9	Square Feet

General Comments

Span 4 — Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

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

Element Number	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 Feet

General Comments

Span 4 — 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	30	6	0	Feet
515	Steel Protective Coating	178	124	0	0	54	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **107**	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	54	Square Feet

General Comments

Span 4 — Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

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

Element Number	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 Feet

General Comments

Span 4 — Beam 6

Plate Girder

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	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	54	Square Feet

General Comments

Span 4 — Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

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

Element Number	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 Feet

General Comments

Span 4 — 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	16	0	20	Feet
515	Steel Protective Coating	178	124	0	0	54	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	[PROMPT ACTION REQUEST] BEAM END AT BENT 4, LOWER RIGHT FLANGE FOR APPROXIMATELY 18" LONG, CORROSION WITH APPROXIMATELY 80% SECTION LOSS [AVERAGE 1/8" REMAINS] WITH KNIFE EDGING. UPPER 1" OF THE WEB FOR APPROXIMATELY 15" LONG, CORROSION WITH APPROXIMATELY 50% SECTION LOSS [AVERAGE 3/16" REMAINS]. LOWER 2" OF THE WEB FOR APPROXIMATELY 20" LONG, CORROSION WITH APPROXIMATELY 50% SECTION LOSS [AVERAGE 3/16" REMAINS].	4	2	2	Feet

☐ **107**	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

Span 4 — Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

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

Element Number	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 Feet

General Comments

Span 4 — Beam 8

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	178	124	0	0	54	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	SCATTERED SURFACE CORROSION WITH FLAKING RUST AND PITTING UP TO 1/16" DEEP THROUGHOUT THE TOP AND BOTTOM FLANGES AND THE WEB	2	36		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 30% PROTECTIVE COATING FAILURE	4	54	54	Square Feet

General Comments

Span 4 — Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

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

Element Number	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 Feet

General Comments

Span 4 — 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	178	124	0	0	54	Square Feet

Element Number	Defect 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 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

General Comments

Span 4 — Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **316**	Corrosion	SURFACE CORROSION AND FLAKING RUST	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Other Bearing

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

Element Number	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 Feet

General Comments

Span 5 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	404	0	0	404	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **510**	Crack (Wearing Surface)	THROUGHOUT, REFLECTIVE TRANSVERSE CRACKING CRACKING UP TO 3/16" WIDE AND LONGITUDINAL CRACKING UP TO 5/8" WIDE IN THE OUTER 3" OF THE MAT	3	404	404	Square Feet

General Comments

Span 5 — Left Bridge Rail

Timber Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber Bridge Railing	37	17	0	20	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	3	20	20	Feet

General Comments

Span 5 — Right Bridge Rail

Timber Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber Bridge Railing	37	36	0	0	1	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **332**	Connection	[PROMPT ACTION REQUEST] AT POST 1, THE OUTRIGGER HAS LOST CONNECTION TO THE BEAM [THE BOLT HAS FULL SECTION LOSS]	4	1	1	Feet

General Comments

Span 5 — Beam 1

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	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **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 1" OF THE WEB AT 4" OUT FROM BENT 4 FOR APPROXIMATELY 15" LONG, CORROSION WITH 100% SECTION LOSS, THEN ALONG THE BALANCE OF THE LENGTH, CORROSION WITH APPROXIMATELY 90% SECTION LOSS [AVERAGE 3/32" REMAINS]. LOWER 2" OF THE WEB ALONG THE LENGTH, UP TO 25% SECTION LOSS [AVERAGE 5/16" REMAINS].	4	36	36	Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	179	179	Square Feet

General Comments

Span 5 — 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	
☐ **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 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	
☐ **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 5 — Beam 2

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	161	0	0	18	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	36		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 10% PROTECTIVE COATING FAILURE	4	18	18	Square Feet

General Comments

Span 5 — 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	
☐ **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 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

☐ **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 5 Beam 3

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	161	0	0	18	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	36		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 10% PROTECTIVE COATING FAILURE	4	18	18	Square Feet

General Comments

Span 5 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	
☐ **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 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	
☐ **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 5 Beam 4

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	161	0	0	18	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	36		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 10% PROTECTIVE COATING FAILURE	4	18	18	Square Feet

General Comments

Span 5 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	
☐ **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 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	
☐ **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 5 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	161	0	0	18	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	36		Feet

☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 10% PROTECTIVE COATING FAILURE	4	18	18	Square Feet

General Comments

Span 5 — 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	
☐ **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 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	
☐ **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 5 — Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	36	0	29	7	0	Feet
515	Steel Protective Coating	179	125	0	0	54	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	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	1	Feet
☐ **107**	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	29		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 30% PROTECTIVE COATING FAILURE	4	54	54	Square Feet

General Comments

Span 5 — 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	
☐ **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 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	
☐ **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 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

Element Number	Defect 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 KNIFE EDGING AND SCALLOPING.	4	36	36	Feet
☐ **107**	Distortion	[PROMPT ACTION REQUEST] WEB IS DISTORTED AND DEFLECTING UP TO 1/2" WITH SIGNS OF CRIPPLING AT BENT 5	4		36	Feet
☐ **107**	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
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2			Feet

☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 30% PROTECTIVE COATING FAILURE	4	54	54	Square Feet

General Comments

Span 5 — 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	
☐ **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 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	
☐ **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 5 — Beam 8

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	89	0	0	90	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	[PROMPT ACTION REQUEST] BEAM END AT BENT 5, LOWER FLANGE, CORROSION WITH UP TO 90% SECTION LOSS [AVERAGE 3/32" REMAINS] FOR APPROXIMATELY 1' LONG.	4		1	Feet
☐ **107**	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
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2			Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTECTIVE COATING FAILURE	4	90	90	Square Feet

General Comments

Span 5 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	
☐ **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 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	
☐ **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 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	Defect 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 Feet

General Comments

Span 5 — 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	
☐ **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 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	
☐ **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 6 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	302	0	0	302	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **510**	Crack (Wearing Surface)	THROUGHOUT, REFLECTIVE TRANSVERSE CRACKING CRACKING UP TO 3/16" WIDE AND LONGITUDINAL CRACKING UP TO 5/8" WIDE IN THE OUTER 3" OF THE MAT	3	302	302	Square Feet

General Comments

Span 6 — Left Bridge Rail

Timber Rail

Element Number	Element Name	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	3	12	12	Feet

General Comments

Span 6 — Right Bridge Rail

Timber Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber Bridge Railing	27	6	0	21	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **332**	Split/Delamination (Timber)	POST 5 IS SPLIT VERTICALLY UP TO 1/2" WIDE AT THE CONNECTION POINTS FOR APPROXIMATELY 3' HIGH	3	1	4	Feet
☐ **332**	Split/Delamination (Timber)	TOP BOARD, THE TIMBER IS WEATHERED, DRY , AND LONGITUDINALLY SPLIT ALONG THE LENGTH	3	20	20	Feet

General Comments

Span 6 — Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	27	0	0	0	27	Feet
515	Steel Protective Coating	134	64	0	0	70	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	[PROMPT ACTION REQUEST] UPPER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 50% SECTION LOSS [AVERAGE 1/4" REMAINS] WITH SCALLOPING. LOWER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 50% SECTION LOSS [AVERAGE 1/4" REMAINS] WITH SCALLOPING. UPPER AND LOWER 2" OF THE WEB ALONG THE LENGTH, APPROXIMATELY 50% SECTION LOSS [AVERAGE 3/16" REMAINS]. AT 5' OUT FROM BENT 4, APPROXIMATELY 7" UP IN THE WEB, CORROSION WITH UP TO 75% SECTION LOSS [AVERAGE 1/16" REMAINS] IN A 5" HIGH X 9" LONG AREA.	4	27	27	Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTECTIVE COATING FAILURE	4	70	70	Square Feet

General Comments

Span 6 — 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	
☐ **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 6 — 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	
☐ **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 6 — Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	27	0	27	0	0	Feet
515	Steel Protective Coating	134	64	0	0	70	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	27		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTECTIVE COATING FAILURE	4	70	70	Square Feet

General Comments

Span 6 — 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	
☐ **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 6 — 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	
☐ **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 6 — Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	27	0	27	0	0	Feet
515	Steel Protective Coating	134	71	0	0	63	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	27		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTECTIVE COATING FAILURE	4	63	63	Square Feet

General Comments

Span 6 — 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	
☐ **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 6 — 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	
☐ **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 6 — Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	27	0	27	0	0	Feet
515	Steel Protective Coating	134	71	0	0	63	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	27		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTECTIVE COATING FAILURE	4	63	63	Square Feet

General Comments

Span 6 — 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	
☐ **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 6 — 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	
☐ **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 6 — Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	27	0	25	0	2	Feet
515	Steel Protective Coating	134	64	0	0	70	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	[PROMPT ACTION REQUEST] BEAM END AT BENT 6, UPPER AND LOWER 3" OF THE WEB, CORROSION WITH APPROXIMATELY 90% SECTION LOSS [AVERAGE 3/32" REMAINS] WITH PERFORATIONS AND A HOLE AT THE END [APPROXIMATELY 1" DIAMETER].	4	2	2	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 Feet

General Comments

Span 6 — 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	
☐ **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 6 — 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	
☐ **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 6 — Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	27	0	0	0	27	Feet
515	Steel Protective Coating	134	0	0	0	134	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **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 1" OF THE WEB ALONG THE LENGTH, CORROSION WITH APPROXIMATELY 75% SECTION LOSS [AVERAGE 3/32" REMAINS]. BEAM END AT BENT 5, LOWER 2" OF THE WEB FOR APPROXIMATELY 6" LONG, 100% SECTION LOSS.	4	27	27	Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILURE	4	134	134	Square Feet

General Comments

Span 6 — 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	
☐ **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 6 — 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	
☐ **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 7 — Wearing Surface

Asphalt Wearing Surface

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	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **510**	Crack (Wearing Surface)	THROUGHOUT, REFLECTIVE TRANSVERSE CRACKING CRACKING UP TO 3/16" WIDE AND LONGITUDINAL CRACKING UP TO 5/8" WIDE IN THE OUTER 3" OF THE MAT	3	309	309	Square Feet

General Comments

Span 7 — Left Bridge Rail

Timber Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber Bridge Railing	28	8	0	20	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	3	20	20	Feet

General Comments

Span 7 — Right Bridge Rail

Timber Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber Bridge Railing	28	27	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **332**	Connection	TOP BOARD HAS LOST CONNECTION	3	1	1	Feet

General Comments

Span 7 — Beam 1

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	137	0	0	0	137	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **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 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.	4	28	28	Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	137	137	Square Feet

General Comments

Span 7 — 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	
☐ **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 7 — 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	
☐ **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 7 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	27	1	0	Feet
515	Steel Protective Coating	137	101	0	36	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	BEAM END AT BENT 6, LOWER FLANGE FOR APPROXIMATELY 1' LONG, CORROSION WITH UP TO 25% SECTION LOSS [AVERAGE 15/32" REMAINS]	3	1	1	Feet
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	27		Feet
☐ **515**	Peeling/Bubbling/Cracking (steel Protective Coatings)	APPROXIMATELY 25% PROTECTIVE COATING FAILURE	3	36	36	Square Feet

General Comments

Span 7 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	
☐ **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 7 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	
☐ **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 7 — Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	28	0	27	1	0	Feet
515	Steel Protective Coating	137	67	0	0	70	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	BEAM END AT BENT 6, LOWER FLANGE FOR APPROXIMATELY 1' LONG, CORROSION WITH UP TO 25% SECTION LOSS [AVERAGE 15/32" REMAINS]	3	1	1	Feet
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	27		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTECTIVE COATING FAILURE	4	70	70	Square Feet

General Comments

Span 7 — 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	
☐ **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 7 — 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	
☐ **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 7 — Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	28	0	27	1	0	Feet
515	Steel Protective Coating	137	65	0	0	72	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	BEAM END AT BENT 6, LOWER FLANGE FOR APPROXIMATELY 1' LONG, CORROSION WITH UP TO 25% SECTION LOSS [AVERAGE 15/32" REMAINS]	3	1	1	Feet
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	27		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTECTIVE COATING FAILURE	4	72	72	Square Feet

General Comments

Span 7 — 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	
☐ **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 7 — 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	
☐ **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 7 — Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	28	0	0	28	0	Feet
515	Steel Protective Coating	137	67	0	0	70	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	ALONG THE LENGTH OF THE LOWER 3" OF THE WEB, CORROSION WITH UP TO 1/16" SECTION LOSS [AVERAGE 5/16" REMAINS]. ON THE BALANCE OF THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	3	27	28	Feet
☐ **107**	Corrosion	BEAM END AT BENT 6, LOWER FLANGE FOR APPROXIMATELY 1' LONG, CORROSION WITH UP TO 25% SECTION LOSS [AVERAGE 15/32" REMAINS]	3	1	1	Feet
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2			Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTECTIVE COATING FAILURE	4	70	70	Square Feet

General Comments

Span 7 — 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	
☐ **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 7 — 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	
☐ **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 7 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	137	0	0	0	137	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **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 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.	4	28	28	Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	137	137	Square Feet

General Comments

Span 7 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	
☐ **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 7 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	
☐ **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 8 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	307	0	0	307	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **510**	Crack (Wearing Surface)	THROUGHOUT, REFLECTIVE TRANSVERSE CRACKING CRACKING UP TO 3/16" WIDE AND LONGITUDINAL CRACKING UP TO 5/8" WIDE IN THE OUTER 3" OF THE MAT	3	307	307	Square Feet

General Comments

Span 8 — Right Bridge Rail

Timber Rail

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
332	Timber Bridge Railing	28	27	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **332**	Split/Delamination (Timber)	POST 1 IS VERTICALLY SPLIT UP TO 1" WIDE AT THE CONNECTIONS	3	1	14	Feet

General Comments

Span 8 — Beam 1

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	136	0	0	0	136	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	[PROMPT ACTION REQUEST] UPPER FLANGE ALONG THE FULL LENGTH, CORROSION WITH APPROXIMATELY 50% SECTION LOSS [AVERAGE 1/4" REMAINS] WITH 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.	4	28	28	Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	PROTECTIVE COATING FAILED	4	136	136	Square Feet

General Comments

Span 8 — 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	
☐ **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 8 — 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	
☐ **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 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

Element Number	Defect Type	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 Feet

General Comments

Span 8 — 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	
☐ **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 8 — 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	
☐ **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 8 — Beam 3

Plate Girder

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	28		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTECTIVE COATING FAILURE	4	70	70	Square Feet

General Comments

Span 8 — 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	
☐ **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 8 — 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	
☐ **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 8 — Beam 4

Plate Girder

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	28		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTECTIVE COATING FAILURE	4	70	70	Square Feet

General Comments

Span 8 — 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	
☐ **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 8 — 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	
☐ **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 8 — Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	28	0	19	9	0	Feet
515	Steel Protective Coating	136	66	0	0	70	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	[PROMPT ACTION REQUEST] SCATTERED ALONG THE BEAM AT APPROXIMATELY 3' CENTERLINES, LOWER & UPPER FLANGE, AND ON THE LOWER 2" OF THE WEB, CORROSION WITH APPROXIMATELY 30% SECTION LOSS [AVERAGE 1/4" REMAINS ON THE WEB AND 3/8" ON THE FLANGES] FOR APPROXIMATELY 18" LONG SEGMENTS.	3	9	15	Feet
☐ **107**	Corrosion	ALONG THE BEAM, FRECKLED CORROSION AND SCATTERED SURFACE CORROSION	2	19		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	APPROXIMATELY 50% PROTECTIVE COATING FAILURE	4	70	70	Square Feet

General Comments

Span 8 — 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	
☐ **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 8 — 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	
☐ **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 8 — 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	136	0	0	0	136	Square Feet

Element Number	Defect 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 Feet

General Comments

Span 8 — 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	
☐ **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 8 — 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	
☐ **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

Bent 1 — Abutment

Reinforced Concrete Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	31	9	0	22	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **215**	Cracking (RC and Other)	FULL WIDTH HORIZONTAL CRACK UP TO 1/4'' WITH EXPOSED AGGREGATE, STABLE, ALONG THE TOP OF ABUTMENT	3	20	20	Feet
☐ **215**	Delamination/Spall	[PROMPT ACTION REQUEST] 15'' X 12'' X 6'' SPALL, NO EXPOSED REBAR, WITH APPROXIMATELY 30% UNDERMINING OF THE BEAIRNG ON THE TOP OF ABUTMENT ON THE NORTH END, SIMILAR AT THE SOUTH END	3	2	2	Feet

General Comments

Bent 1 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	15	6	0	9	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint 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

General Comments

Bent 2 Pile 1

Reinforced Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **205**	Abrasion/Wear (PSC/RC)	ABRASION AND WEAR, AGGREGATE STABLE, AT THE BASE OF COLUMN FOR UP TO 6' FROM THE WATER LINE	2	1		Each

General Comments

Bent 2 Abutment

Reinforced Concrete Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	20	0	0	20	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **215**	Cracking (RC and Other)	2.5' HORIZONTAL CRACK UP TO 1/16'' IN THE TOP OF BACKWALL IN BAY 2, SIMILAR IN BAY 3	3		5	Feet
☐ **215**	Cracking (RC and Other)	FULL WIDTH HORIZONTAL CRACK UP TO 1/4'' WITH EXPOSED AGGREGATE, STABLE, ALONG THE TOP OF ABUTMENT	3	20	20	Feet
☐ **215**	Delamination/Spall	6'' X 4'' X 2'' SPALL, NO EXPOSED REBAR, TOP OF NORTHEAST CORNER OF CAP, SIMILAR AT THE SOUTHEAST CORNER	3		2	Feet
☐ **215**	Delamination/Spall	3'' DIAMETER X 1/2'' DEEP SPALL, NO EXPOSED REBAR, IN THE FACE OF ABUTMENT UNDER BEAM 2	2		1	Feet

General Comments

Bent 3 Pile 1

Reinforced Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **205**	Delamination/Spall	2 SPALLS UP TO 12'' X 4'' X 4'', NO EXPOSED REBAR, IN THE NORTH FACE OF COLUMN NEAR THE WATER LINE	3	1	2	Each
☐ **205**	Abrasion/Wear (PSC/RC)	ABRASION AND WEAR, AGGREGATE STABLE, AT THE BASE OF COLUMN FOR UP TO 6' FROM THE WATER LINE	2			Each

General Comments

Bent 4 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	12	10	0	2	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **234**	Delamination/Spall	2 SPALLS UP TO 8" X 6" X 4", NO EXPOSED REBAR, ON THE SOUTH END OF CAP AND UNDER BEAM 9	3	2	2	Feet

General Comments

Bent 4 Pile 1

Reinforced Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **205**	Delamination/Spall	12" X 4" X 1/2" DEEP SPALL WITH EXPOSED REBAR, NO SECTION LOSS, IN EAST FACE OF COLUMN UNDER BEAM 8, 4' FROM THE CAP	3	1	1	Each
☐ **205**	Abrasion/Wear (PSC/RC)	ABRASION AND WEAR, AGGREGATE STABLE, AT THE BASE OF COLUMN FOR UP TO 6 FT FROM THE WATER LINE	2			Each
☐ **205**	Delamination/Spall	11 SPALLS UP TO 4" DIAMETER X 3/4" DEEP, NO EXPOSED REBAR, THROUGHOUT THE EAST FACE OF COLUMN	2		11	Each

General Comments

Bent 5 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	12	3	0	9	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **234**	Delamination/Spall	12" X 18" X 10" SPALL WITH EXPOSED REBAR, NO SECTION LOSS, ON THE NORTH END OF CAP	3	1	2	Feet
☐ **234**	Delamination/Spall	8 SPALLS UP TO 18" X 4" X 3", NO EXPOSED REBAR, ALONG THE TOP OF THE CAP ON THE EAST FACE	3	8	8	Feet
☐ **234**	Exposed Rebar	3" AREA OF EXPOSED REBAR, NO SECTION LOSS, IN THE WEST FACE OF CAP UNDER BEAM 7	2		1	Feet

General Comments

Bent 5 Pile 1

Reinforced Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **205**	Delamination/Spall	12" X 30" SPALLING/DELAMINATION IN THE WEST FACE OF COLUMN UNDER BEAMS 7 AND 8 [SPALLING UP TO 3/4" DEEP	3		3	Each
☐ **205**	Abrasion/Wear (PSC/RC)	ABRASION AND WEAR, AGGREGATE STABLE, AT THE BASE OF COLUMN FOR UP TO 6' FROM THE WATER LINE	2			Each
☐ **205**	Delamination/Spall	4 SPALLS UP TO 5" DIAMETER X 3/4" DEEP, NO EXPOSED REBAR, THROUGHOUT THE EAST FACE OF COLUMN	2	1	4	Each

General Comments

Bent 6 Cap 1

Steel Pier Cap

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

Element Number	Defect 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

General Comments

Bent 6 Pile 1

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each
515	Steel Protective Coating	149	134	0	0	15	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **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	1	Each
☐ **225**	Corrosion	SCATTERED SURFACE RUST THROUGHOUT THE PILE	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATING FAILURE	4	15	15	Square Feet

General Comments

Bent 6 Pile 2

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each
515	Steel Protective Coating	149	134	0	0	15	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **225**	Corrosion	[PROMPT ACTION REQUEST] TOP OF THE PILE ON THE FLANGES FOR APPROXIMATELY 1" HIGH, CORROSION WITH APPROXIMATELY 50% SECTION LOSS [AVERAGE 1/4" REMAINS]	3	1	1	Each
☐ **225**	Corrosion	SCATTERED SURFACE RUST THROUGHOUT THE PILE	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATING FAILURE	4	15	15	Square Feet

General Comments

Bent 6 Pile 3

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each
515	Steel Protective Coating	149	134	0	0	15	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **225**	Corrosion	CORROSION WITH PACK RUST PRESENT BETWEEN THE TOP OF PILE AND THE CAP	3	1	1	Each
☐ **225**	Corrosion	SCATTERED SURFACE RUST THROUGHOUT THE PILE	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATING FAILURE	4	15	15	Square Feet

General Comments

Bent 7 Cap 1

Steel Pier 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

☐ **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	15	Square Feet

General Comments

Bent 7 Pile 1

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each
515	Steel Protective Coating	149	134	0	0	15	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **225**	Corrosion	CORROSION WITH PACK RUST PRESENT BETWEEN THE TOP OF PILE AND THE CAP	3	1	1	Each
☐ **225**	Corrosion	SCATTERED SURFACE RUST THROUGHOUT THE PILE	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATING FAILURE	4	15	15	Square Feet

General Comments

Bent 7 Pile 2

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each
515	Steel Protective Coating	149	134	0	0	15	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **225**	Corrosion	CORROSION WITH PACK RUST PRESENT BETWEEN THE TOP OF PILE AND THE CAP	3	1	1	Each
☐ **225**	Corrosion	SCATTERED SURFACE RUST THROUGHOUT THE PILE	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATING FAILURE	4	15	15	Square Feet

General Comments

Structure Number: **830102** Inspection Date: **04/03/2023**

Bent 7 Pile 3

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	1	0	Each
515	Steel Protective Coating	149	134	0	0	15	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **225**	Corrosion	CORROSION WITH PACK RUST PRESENT BETWEEN THE TOP OF PILE AND THE CAP	3	1	1	Each
☐ **225**	Corrosion	SCATTERED SURFACE RUST THROUGHOUT THE PILE	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	SCATTERED PROTECTIVE COATING FAILURE	4	15	15	Square Feet

General Comments

Elements Verfied

Location	Name	Component	Element Name	Amount

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

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

Note:

Items 58,59,60,62 reflect this inspection only.

For overall NBI coding grade, see cover sheet.

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C			
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

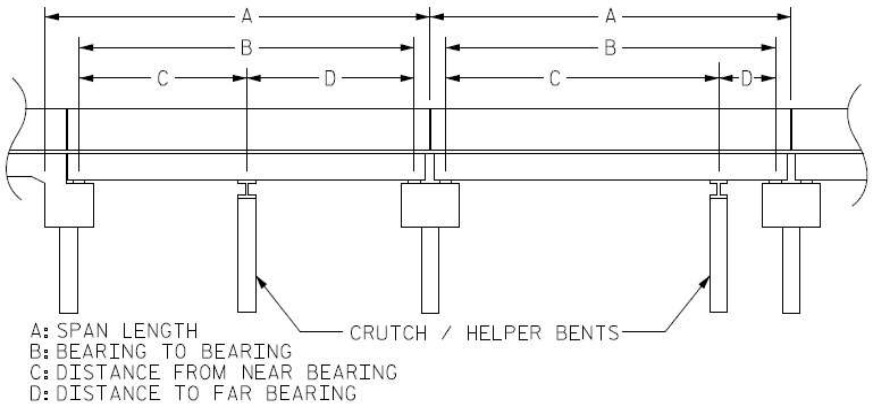
Structure Number: 830102 **Inspection Date:** 04/03/2023

Item	Grade	Maint Code	Qty.
Details			

Structure Data Worksheet

Span Profile

County: **STANLY** Structure Number: **830102**



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 County: STANLY Date: 04/03/2023 Structure Photos

LOOKING WEST