NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: Supplemental Inspection Impact Damage, Span 2 Bay 1 Diaphragm, Span 2 Beam 1 and Missing Sign PARs. Superstructure Grade Reduced to 4 Due to Supplemental Inspection Impact Damage to Beam 1 and Diaphragm Only.

Structure Safety Report

Supplemental Element Inspection

STRUCTURE NUMBER: 590330 **SAP STRUCTURE NO:** 0600330 **FHWA STRUCTURE NO:** 000000001190330

DIVISION: 10 **COUNTY:** MECKLENBURG **INSPECTION DATE:** 04/17/2024 **FREQUENCY:** None

FACILITY CARRIED: I277 & NC16 **MILE POST:** 3.75

LOCATION: 1.22 MI.N.JCT.US74 WBL

FEATURE INTERSECTED: US29/NC49 (GRAHAM ST.)

LATITUDE: 35° 14' 9.94" **LONGITUDE:** 80° 50' 21.57"

SUPERSTRUCTURE: REINFORCED CONCRETE DECK ON I-BEAMS

SUBSTRUCTURE: END BENTS:RC CAPS ON PPC PILES, INTERIOR BENTS:RC POST & BEAM, PILE FTGS.

SPANS: 3 SPANS. SEE SPAN PROFILE SHEET FOR SPAN DETAILS

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

GRADES: (Inspector/NBI Coding) **DECK** 6 / 6 **SUPERSTRUCTURE** 4 / 6 **SUBSTRUCTURE** 4 / 4 **CULVERT** N / N

POSTED SV: Not Posted **POSTED TTST:** Not Posted

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
YES	**LOW CLEARANCE**	1

DIRECTION OF INSPECTION S-N

DIRECTION MATCHES PLANS

INSPECTED BY	SIGNATURE	ASSISTED BY
MICHAEL CARTER		ME CARTER

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

04/18/2024

IDENTIFICATION

(1) STATE NAME	NORTH CAROLINA	BRIDGE	**590330**
(8) STRUCTURE NUMBER (FEDERAL)			**1190330**
(5) INVENTORY ROUTE (ON/UNDER)	ON		**11002770**
(2) STATE HIGHWAY DEPARTMENT DISTRICT			**10**
(3) COUNTY CODE (FEDERAL)	**119**	(4) PLACE CODE	**12000**
(6) FEATURE INTERSECTED	**US29/NC49 (GRAHAM ST.)**		
(7) FACILITY CARRIED	**I277 & NC16**		
(9) LOCATION	**1.22 MI.N.JCT.US74 WBL**		
(11) MILEPOINT			**3.8**
(12) BASE HIGHWAY NETWORK			**1**
(13) LRS INVENTORY ROUTE & SUBROUTE			**10277**
(16) LATITUDE	**35° 14' 9.94"**	(17) LONGITUDE	**80° 50' 21.57"**
(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	**0**
(45) NUMBER OF SPANS IN MAIN UNIT			**3**
(46) NUMBER OF SPANS IN APPROACH			**0**
(107) DECK STRUCTURE TYPE		CODE	**1**
(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			**1971**
(106) YEAR RECONSTRUCTED			**0**
(42) TYPE OF SERVICE ON -			**Overpass Structure**
OFF -	**Highway**	CODE	**61**
(28) LANES ON STRUCTURE	**9**	LANES UNDER STRUCTURE	**5**
(29) AVERAGE DAILY TRAFFIC			**115000**
(30) YEAR OF ADT	**2019**	(109) TRUCK ADT PCT	**16**
(19) BYPASS OR DETOUR LENGTH			**2.0**

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN			**102.0**
(49) STRUCTURE LENGTH			**190.0**
(50) CURB OR SIDEWALK: LEFT	**1.7**	RIGHT	**1.7**
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB			**126.3**
(52) DECK WIDTH OUT TO OUT			**131.9**
(32) APPROACH ROADWAY WITH (W/ SHOULDERS)			**122.0**
(33) BRIDGE MEDIAN		CODE	**6**
(34) SKEW	**0**	(35) STRUCTURE FLARED	**0011**
(10) INVENTORY ROUTE MIN VERT CLEAR			**999.9**
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR			
(53) MIN VERT CLEAR OVER BRIDGE RDWY			**999.9**
(54) MIN VERT UNDERCLEAR: REFERENCE	**H**		**14.6**
(55) MIN LAT UNDERCLEARANCE RT: REFERENCE	**H**		**6.3**
(56) MIN LAT UNDERCLEARANCE LT:			**0.0**

NAVIGATION DATA

(38) NAVIGATION CONTROL -		CODE	**4**
(111) PIER PROTECTION	**Navigation Protection not required**	CODE	**1**
(39) NAVIGATION VERTICAL CLEARANCE			
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR			**0.0**
(40) NAVIGATION HORIZONTAL CLEARANCE			

SUFFICIENCY RATING	**41.00**
STATUS =	**Structurally Deficient**

CLASSIFICATION

		CODE
(112) NBIS BRIDGE SYSTEM		**YES**
(104) HIGHWAY SYSTEM	**Inventory Route is on NHS**	**1**
(26) FUNCTIONAL CLASS	**Urban Principal Arterial - Interstate**	**11**
(100) STRAHNET HIGHWAY	**Interstate STRAHNET Route**	**1**
(101) PARALLEL STRUCTURE		**1**
(102) DIRECTION OF TRAFFIC	**2-way traffic**	**2**
(103) TEMPORARY STRUCTURE		
(110) DESIGNATED NATIONAL NETWORK -	**on natiional network for trucks**	**1**
(20) TOLL	**On Free Road**	**3**
(21) MAINT -		**01**
(22) OWNER -		**01**
(37) HISTORICAL SIGNIFICANCE -		**5**

CONDITION

	CODE
(58) DECK	**6**
(59) SUPERSTRUCTURE	**6**
(60) SUBSTRUCTURE	**4**
(61) CHANNEL & CHANNEL PROTECTION	**N**
(62) CULVERTS	**N**

LOAD RATING AND POSTING

		CODE
(31) DESIGN LOAD	**H 20 + Mod**	**6**
(63) OPERATING RATING METHOD -	**Load Factor**	**1**
(64) OPERATING RATING -	**HS-36**	**64**
(65) INVENTORY RATING METHOD -		**1**
(66) INVENTORY RATING	**HS-21**	**38**
(70) BRIDGE POSTING	**No Posting Required**	**5**
(41) STRUCTURE OPEN, POSTED, OR CLOSED		**A**
DESCRIPTION	**Open, no restriction**	

APPRAISAL

	CODE
(67) STRUCTURAL EVALUATION	**4**
(68) DECK GEOMETRY	**6**
(69) UNDERCLEARANCES, VERT & HORIZ	**4**
(71) WATERWAY ADEQUACY	**N**
(72) APPROACH ROADWAY ALIGNMENT	**8**
(36) TRAFFIC SAFETY FEATURES	**N**
(113) SCOUR CRITICAL BRIDGES	**N**

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 **230,000**	YEAR OF FUTURE ADT **2040**

INSPECTION

(90) INSPECTION DATE	**07/22**	(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			

Structure Number **590330** County **MECKLENBURG** Run Date **04/18/2024**

Span Number	Facility Carried	Inventory Route	Maximum Minimum Vertical Clearance	Milepoint	Base Highway	LRS Inventory Route	Functional Classification	Number of Lanes	Average Daily Traffic	Year of Average Daily Traffic	Total Horizontal Clearance	*See Note Below*					STRAHNET Highway	Direction of Traffic	National Highway System	National Truck Network
												Reference Feature	Minimum Vertical Underclearance	Rigth Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade				
	7	5	10	11	12	13	26	28	29	30	47	54A	54	55	56	69	100	102	104	110
2	US29N,NC49E	21000290	14.9	0.0	1	20029	14	3	8500	2014	89.5	H	14.6	14.2	6.3	6		1	☐	☐

Note: Items 54, 55, and 56 are not reported FHWA under route data points but are collected for each under route to determine the minimum value for Underclearance Appraisal Item 69.

Superstructure Build Details

Span Number 1 **Span Length** 38.000 **Skew** 90.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Standard Joint	Pourable Joint Seal	154 Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	5838 Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	76 Feet		
1	Asphalt Wearing Surface	Wearing Surface	5510 Square Feet		
50	Fixed Bearing	Fixed Bearing	50 Each	Legacy Red Lead Primer Systems with Various Topcoats	50
1	Concrete Railing	Reinforced Concrete Bridge Railing	38 Feet		
25	Plate Girder	Steel Open Girder/Beam	950 Feet	Legacy Red Lead Primer Systems with Various Topcoats	9625

Span Number 2 **Span Length** 103.000 **Skew** 90.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
48	Fixed Bearing	Fixed Bearing	48 Each	Legacy Red Lead Primer Systems with Various Topcoats	48
2	Concrete and Metal Railing	Other Bridge Railing	206 Feet		
1	Asphalt Wearing Surface	Wearing Surface	13905 Square Feet		
24	Plate Girder	Steel Open Girder/Beam	2472 Feet	Legacy Red Lead Primer Systems with Various Topcoats	29760
1	Reinforced Concrete Deck	Reinforced Concrete Deck	15347 Square Feet		
1	Standard Joint	Pourable Joint Seal	150 Feet		
1	Concrete Railing	Reinforced Concrete Bridge Railing	103 Feet		

Span Number 3 **Span Length** 49.000 **Skew** 90.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
2	Standard Joint	Pourable Joint Seal	271 Feet		
22	Plate Girder	Steel Open Girder/Beam	1078 Feet	Legacy Red Lead Primer Systems with Various Topcoats	10230
1	Concrete Railing	Reinforced Concrete Bridge Railing	49 Feet		

Superstructure Build Details

2	Concrete and Metal Railing	Other Bridge Railing	98	Feet		
1	Asphalt Wearing Surface	Wearing Surface	6189	Square Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	6462	Square Feet		
44	Fixed Bearing	Fixed Bearing	44	Each	Legacy Red Lead Primer Systems with Various Topcoats	44

Structure Element Scoring

Structure Number: **590330**

Inspection Date **4/17/2024**

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12		Reinforced Concrete Deck	Deck	27,647	27,403	75	169	0
107		Steel Open Girder/Beam	Beam	4,500	473	3,979	11	37
515	107	Steel Protective Coating	Beam	49,615	41,450	292	4,837	3,036
205		Reinforced Concrete Column	Piles and Columns	17	6	5	6	0
215		Reinforced Concrete Abutment	Abutments	291	157	60	74	0
234		Reinforced Concrete Pier Cap	Caps	573	410	71	26	66
301		Pourable Joint Seal	Expansion Joints	575	397	20	128	30
313		Fixed Bearing	Bearing Device	142	1	70	48	23
515	313	Steel Protective Coating	Bearing Device	142	1	6	41	94
331		Reinforced Concrete Bridge Railing	Bridge Rail	190	145	35	10	0
333		Other Bridge Railing	Bridge Rail	380	363	16	0	1
510		Wearing Surface	Wearing Surfaces	25,604	25,387	205	12	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: **590330** Inspection Date: **04/17/2024**

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Delamination/Spall	2 Square Feet
3326	Reinforced Concrete Deck	Exposed Rebar	167 Square Feet
3314	Steel Open Girder/Beam	Connection	1 Feet
3314	Steel Open Girder/Beam	Corrosion	12 Feet
3314	Steel Open Girder/Beam	Distortion	35 Feet
3348	Reinforced Concrete Column	Exposed Rebar	1 Each
3348	Reinforced Concrete Column	Delamination/Spall	19 Each
3348	Reinforced Concrete Column	Cracking (RC and Other)	29 Each
3350	Reinforced Concrete Abutment	Delamination/Spall	15 Feet
3350	Reinforced Concrete Abutment	Cracking (RC and Other)	120 Feet
3348	Reinforced Concrete Pier Cap	Patched Area	10 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	109 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	8 Feet
3310	Pourable Joint Seal	Seal Damage	131 Feet
3334	Fixed Bearing	Alignment	1 Each
3334	Fixed Bearing	Corrosion	45 Each
3334	Fixed Bearing	Loss of Bearing Area	23 Each
3318	Reinforced Concrete Bridge Railing	Delamination/Spall	10 Feet
3318	Other Bridge Railing	Connection	1 Feet
2816	Wearing Surface	Delamination/Spall (Wearing Surfaces)	83 Square Feet
2816	Wearing Surface	Patched Area/Pothole (Wearing Surface)	12 Square Feet
3342	Steel Protective Coating	Peeling/Bubbling/Cracking (steel Protective Coatings)	66 Square Feet
3342	Steel Protective Coating	Oxide Film Degradation Color/Texture Adherence (Steel Protec	1 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	8234 Square Feet

Element Structure Maintenance Quantities

Structure Number: **590330** Inspection Date **04/17/2024**

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Beam	3314	Maintenance Steel Superstructure Components	48	4500	37.000	11.000	3979.000	473.000
Beam	3342	Clean and Paint Steel	8161	49615	3036.000	4837.000	292.000	41450.000
Bearing Device	3334	Bridge Bearing	69	142	23.000	48.000	70.000	1.000
Bearing Device	3342	Clean and Paint Steel	140	142	94.000	41.000	6.000	1.000
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	10	190	0.000	10.000	35.000	145.000
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	1	380	1.000	0.000	16.000	363.000
Deck	3326	Maintenance of Concrete Deck	169	27647	0.000	169.000	75.000	27403.000
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	131	575	30.000	128.000	20.000	397.000
Wearing Surfaces	2816	Asphalt Surface Repair	95	25604	0.000	12.000	205.000	25387.000
Abutments	3350	Maintenance of Concrete Wings and Wall	135	291	0.000	74.000	60.000	157.000
Caps	3348	Maintenance of Concrete Substructure	127	573	66.000	26.000	71.000	410.000
Piles and Columns	3348	Maintenance of Concrete Substructure	49	17	0.000	6.000	5.000	6.000

Priority Actions Request

Structure Number **590330**

Span2

3314 **Beam 1** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
?	Connection	1	Span 2 Beam 1: Supplemental Inspection Impact Damage, Span 2 Bay 1, Diaphragm at Point of Impact Located 58 Foot From Bent 1 Has Crumpled. The Web of the Diaphragm is Distorted Up to 1 Foot. The Bay at the Point of Impact Around the Diaphragm has a Spacing of 75.5 Inches at the Top Flange and 67 Inches at the Bottom Flange. Only the Protective Coating Has Chipped and Cracked. (PAR)
?	Distortion	35	Span 2 Beam 1: Supplemental Inspection Impact Damage, The Bottom of the Beam is bent Northward for the Length of 35 Foot With the Max Distance at the Point of Impact Being 5.5 Inches. The Beam is Out of Plumb By 9 Degrees. The Point of Impact is 3 Foot 3 Inches Long and 2 Inches High and is Located in Span 2, 42 Foot 2 Inches From Bent 2. There are 3 Gouges at the Bottom of the Point of Impact: Left Gouge is 8 Inch X 2 Inch X 1/2 Inch, Center Gouge is 7 Inch X 2 Inch X 1/16 Inch, Right Gouge is 11 Inch X 2 Inch X 1/16 Inch. (PAR)

Other Ground Mounted Signs

3250 **Other Ground Mounted Signs** Other Ground Mounted Signs

Priority Level	Defect Type	Quantity	Defect Description
?		1	New Low Clearance Needed in One Direction (East Bound : 14 Foot 8 Inch) Due to the increase in the North Carolina Legal Load

? Priority Action Request (PAR) 1 Assigned Routine Maintenance 2 Assigned Priority Maintenance 3 Assigned Critical Find

Element Condition and Maintenance Data

Structure Number: **590330** Inspection Date: **04/17/2024**

Span 1 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	5,838	5,796	0	42	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **12**	Delamination/Spall	24 INCHES LONG X 4 INCHES HIGH X 3 INCHES WIDE DELAM/SPALL WITH EXPOSED REBAR IN DIAPHRAGM AT BENT 1 RIGHT OVERHANG	3	2	2	Square Feet
☐ **12**	Exposed Rebar	(PAR) 2 FEET LONG X 20 FEET WIDE SCARIFIED AREA WITH UP TO 4 EXPOSED REBARS IN THE TOP OF DECK IN THE RIGHT TWO NORTHBOUND LANES	3	40	40	Square Feet

General Comments

Span 1 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	5,510	5,504	6	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **510**	Patched Area/Pothole (Wearing Surface)	(NORTHBOUND) 3' LONG X 2' WIDE PATCHED AREA THAT IS SOUND 30' FROM RIGHT CURB AT BENT 1 JOINT	2	6		Square Feet

General Comments

Span 1 — Left Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing	38	25	12	0	1	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **333**	Connection	(PAR) FIRST METAL NEARTO END BENT 1, IMPACT DAMAGE, BASE PLATE FATIGUE CRACK, BASE PLATE DISTORTED/ ELEVATED UPWARD 1 INCH, ANCHOR FASTENERS MISSING, LOOSE CONNECTION.	4	1	1	Feet
☐ **333**	Distortion	IMPACT DAMAGE BETWEEN FIRST AND THIRD RAIL POST, LATERAL DEFLECTION UP TO 1.5 INCHES	2	12		Feet

General Comments

Span 1 — Median Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	38	31	7	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **331**	Cracking (RC and Other)	UP TO 0.02 INCHES WIDE CRACKS ACROSS TOP OF BARRIER AND EXTENDING DOWN EACH FACE TO VARYING DEPTHS	2	7		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	38	0	38	0	0	Feet
515	Steel Protective Coating	385	327	0	8	50	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE	2	8		Feet
☐ **107**	Corrosion	FROM BENT 1, CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL HEIGHT OF WEB FOR 1 FEET AND INTERMITTENT ON BOTTOM FLANGE AND BOTTOM 3 INCHES OF WEB	2	30		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	50	50	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	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	38	7	31	0	0	Feet
515	Steel Protective Coating	385	339	38	0	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP AND BOTTOM FLANGE THROUGHOUT	2	30		Feet
☐ **107**	Corrosion	FROM BENT 1, CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL HEIGHT OF WEB AND FULL WIDTH OF BOTTOM FLANGE FOR 1 FEET	2	1		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	8	8	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	SUBSTANTIALLY EFFECTIVE FRECKLED RUST	2	38	38	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	BEARING LOSS (11 INCHES X 2 INCHES) DUE TO SPALL ON CAP (SEE PRIORITY ACTION REQUEST FOR CAP)	4	1	1	Each
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	1	1	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	38	0	38	0	0	Feet
515	Steel Protective Coating	385	327	8	0	50	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **107**	Corrosion	FROM BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 30 FEET LONG.	2	30		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	50	50	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	SUBSTANTIALLY EFFECTIVE FRECKLED RUST	2	8	8	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	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	38	0	38	0	0	Feet
515	Steel Protective Coating	385	317	0	8	60	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS INTERMITTENT ON BOTTOM FLANGE THROUGHOUT	2	15		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **107**	Corrosion	FROM BENT 1, CORROSION, IN WEB, WITH SECTION LOSS IN LOWER WEB (7/16 INCHES REMAINING 1 INCH HIGH X 15 FEET) NO MEASURABLE SECTION LOSS IN BOTTOM FLANGE	2	15		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	60	60	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	BEARING LOSS (11 INCHES X UP TO 3 INCHES) DUE TO SPALL/DELAMINATION INCHES CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION WITH UP TO 0.0625 INCHES SECTION LOSS ON BEARING PLATES	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	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	38	0	38	0	0	Feet
515	Steel Protective Coating	385	327	8	0	50	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **107**	Corrosion	FROM BENT 1, CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL HEIGHT OF WEB FOR 1 FEET AND INTERMITTENT ON BOTTOM FLANGE AND BOTTOM 3 INCHES OF WEB THROUGHOUT	2	30		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	50	50	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	SUBSTANTIALLY EFFECTIVE FRECKLED RUST	2	8	8	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	BEARING LOSS (1 INCH X 3 INCHES) DUE TO SPALL / DELAMINATION INCHES CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	CORROSION HAS INITIATED	3	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	38	29	9	0	0	Feet
515	Steel Protective Coating	385	369	8	0	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	8	8	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	SUBSTANTIALLY EFFECTIVE FRECKLED RUST	2	8	8	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	CORROSION HAS INITIATED	3	1	1	Square Feet

General Comments

Span 1 Beam 7

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	0	38	0	0	Feet
515	Steel Protective Coating	385	345	8	0	32	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION IN WEB AND BOTTOM FLANGE, WITH SECTION LOSS, IN LOWER WEB (7/16 INCHES REMAINING 2 INCHES X 4 FEET) AND IN BOTTOM FLANGE (9/16 INCHES REMAINING 10-1/2 INCHES X 12 INCHES)	2	4		Feet
☐ **107**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS INTERMITTENT ON BOTTOM FLANGE THROUGHOUT	2	26		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	32	32	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	SUBSTANTIALLY EFFECTIVE FRECKLED RUST	2	8	8	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING PLATES	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Beam 8

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	0	38	0	0	Feet
515	Steel Protective Coating	385	341	0	8	36	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION IN WEB AND BOTTOM FLANGE, SECTION LOSS IN LOWER WEB (7/16 INCHES REMAINING 1 INCH X 4 FEET) NO MEASURABLE SECTION LOSS IN BOTTOM FLANGE.	2	4		Feet
☐ **107**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS INTERMITTENT ON BOTTOM FLANGE THROUGHOUT	2	26		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	36	36	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 1 — Beam 9

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	28	10	0	0	Feet
515	Steel Protective Coating	385	369	0	8	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS IN WEB (FULL HEIGHT TO 3 INCHES HIGH X 2 FEET LONG,) AND BOTTOM FLANGE, 2 FEET LONG.	2	2		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	8	8	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet

General Comments

Span 1 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	BEARING LOSS (11 INCHES X 1 INCH) DUE TO SPALL / DELAMINATION INCHES CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	CORROSION HAS INITIATED	3	1	1	Square Feet

General Comments

Span 1 Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	28	10	0	0	Feet
515	Steel Protective Coating	385	363	0	8	14	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	14	14	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Alignment	SOLE PLATE PROTRUDING 1 INCH BEYOND MASONRY PLATE TOWARD SPAN 2.	3	1	1	Each
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	1	1	Square Feet

General Comments

Span 1 Beam 11

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	28	10	0	0	Feet
515	Steel Protective Coating	385	363	0	8	14	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
107	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
515	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	14	14	Square Feet
515	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
515	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Loss of Bearing Area	BEARING LOSS (11 INCHES X UP TO 5 INCHES) AND DOWNWARD ROTATION (1/2 INCHES) OF MASONRY PLATE, DUE TO SPALL IN CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
313	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2			Each
515	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	1	1	Square Feet

General Comments

Span 1 Beam 12

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	28	10	0	0	Feet
515	Steel Protective Coating	385	363	0	8	14	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	14	14	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	BEARING LOSS (11 INCHES X 2 INCHES) DUE TO SPALL IN CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION WITH UP TO 1/16 INCHES SECTION LOSS ON BEARING PLATES	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 — Beam 13

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	24	14	0	0	Feet
515	Steel Protective Coating	385	352	0	8	25	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, UP TO 6 FEET LONG	2	6		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	25	25	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet

General Comments

Span 1 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	BEARING LOSS (11 INCHES X 3 INCHES) AND DOWNWARD ROTATION (1/2 INCHES) OF MASONRY PLATE, DUE TO SPALL INCHES CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION WITH UP TO 1/16 INCHES SECTION LOSS ON BEARING PLATES	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Beam 14

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	24	14	0	0	Feet
515	Steel Protective Coating	385	352	0	25	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION NO MEASURABLE SECTION LOSS IN WEB, 3 FEET LONG, BOTTOM FLANGE FOR 6 FEET LONG, SECTION LOSS IN WEB STIFFENER PLATE (7/16 INCHES REMAINING 2 INCHES X 4 INCHES)	2	6		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	8	8	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	25	25	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	LOSS OF BEARING AREA (11 INCHES X UP TO 5 INCHES) AND DOWNWARD ROTATION (1/2 INCHES) OF MASONRY PLATE, DUE TO SPALL / DELAMINATION INCHES CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION WITH UP TO 1/16 INCHES SECTION LOSS ON BEARING PLATES	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Beam 15

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	29	9	0	0	Feet
515	Steel Protective Coating	385	371	0	8	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION IN WEB AND BOTTOM FLANGE, SECTION LOSS IN WEB (7/16 INCHES REMAINING 20 INCHES X 9 INCHES) IN BOTTOM FLANGE (9/16 INCHES REMAINING 10 INCHES X 12 INCHES)	2	1		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	6	6	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	LOSS OF BEARING AREA (11 INCHES X UP TO 4 INCHES) AND DOWNWARD ROTATION (1/2 INCHES) OF MASONRY PLATE, DUE TO SPALL IN CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION WITH UP TO 0.0625 INCHES SECTION LOSS ON BEARING	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 — Beam 16

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	29	9	0	0	Feet
515	Steel Protective Coating	385	369	0	8	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION AND SECTION LOSS IN WEB AND BOTTOM FLANGE, WEB (7/16 INCHES REMAINING 3 INCHES X 12 INCHES) BOTTOM FLANGE (9/16 INCHES REMAINING 10-1/2 INCHES X 12 INCHES)	2	1		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	8	8	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet

General Comments

Span 1 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	LOSS OF BEARING AREA (11 INCHES X UP TO 4 INCHES) AND DOWNWARD ROTATION (1/2 INCHES) OF MASONRY PLATE, DUE TO SPALL IN CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION WITH UP TO 0.0625 INCHES SECTION LOSS ON BEARING	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Beam 17

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	29	9	0	0	Feet
515	Steel Protective Coating	385	367	0	8	10	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION AND SECTION LOSS IN WEB AND BOTTOM FLANGE, IN WEB (7/16 REMAINING 12 INCHES X 8 INCHES) BOTTOM FLANGE (9/16 INCHES REMAINING 10 INCHES X 12 INCHES)	2	1		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	10	10	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	LOSS OF BEARING AREA (11 INCHES X UP TO 5 INCHES) AND DOWNWARD ROTATION (1/2 INCHES) OF MASONRY PLATE, DUE TO SPALL IN CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION WITH UP TO 0.0625 INCHES SECTION LOSS ON BEARING	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 — Beam 18

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	27	8	3	0	Feet
515	Steel Protective Coating	385	369	0	8	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	(PAR) AT BENT 1, CORROSION WITH SECTION LOSS IN WEB, 0.451 INCHES REMAINING IN LOWER 6 INCHES OF WEB	3	3	3	Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	8	8	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet

General Comments

Span 1 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	LOSS OF BEARING AREA (11 INCHES X UP TO 6 INCHES) AND DOWNWARD ROTATION (1/2 INCHES) OF MASONRY PLATE, DUE TO SPALL IN CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING	3			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Beam 19

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	29	9	0	0	Feet
515	Steel Protective Coating	385	369	0	8	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION IN WEB AND BOTTOM FLANGE, SECTION LOSS IN BOTTOM FLANGE (9/16 INCHES REMAINING FULL WIDTH X 1 FEET LONG,) INCHES WEB (7/16 INCHES REMAINING 6 INCHES X 9 INCHES)	2	1		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	8	8	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	LOSS OF BEARING AREA (11 INCHES X UP TO 5 INCHES) AND DOWNWARD ROTATION (1/2 INCHES) OF MASONRY PLATE, DUE TO SPALL IN CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION WITH UP TO 0.125 INCHES SECTION LOSS ON BEARING	3			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Beam 20

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	29	9	0	0	Feet
515	Steel Protective Coating	385	348	15	8	14	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION IN WEB AND BOTTOM FLANGE, SECTION LOSS IN BOTTOM FLANGE (9/16 INCHES REMAINING FULL WIDTH X 1 FEET LONG,) IN WEB (7/16 INCHES REMAINING 6 INCHES X 9 INCHES)	2	1		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet

☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	14	14	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet
☐ **515**	Peeling/Bubbling/Cracking (steel Protective Coatings)	50% OF FINISH COAT PEELING ON WEB AND BOTTOM FLANGE OF BEAM 20 FOR 8 FEET OUT FROM END BENT 1 IN SPAN 1	2	15	15	Square Feet

General Comments

Span 1 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1		Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	LOSS OF BEARING AREA (11 INCHES X UP TO 4 INCHES) AND DOWNWARD ROTATION (1/2 INCHES) OF MASONRY PLATE, DUE TO SPALL IN CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION UP TO 0.125 INCHES SECTION LOSS ON BEARING	3			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 — Beam 21

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	29	9	0	0	Feet
515	Steel Protective Coating	385	351	12	8	14	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **107**	Corrosion	(PAR) AT BENT 1, CORROSION AND SECTION LOSS IN BOTTOM FLANGE AND WEB, IN WEB (7/16 INCHES REMAINING 3 INCHES X 12 INCHES) IN BOTTOM FLANGE (9/16 INCHES REMAINING FULL WIDTH X 12 INCHES)	2	1		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	14	14	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet
☐ **515**	Peeling/Bubbling/Cracking (steel Protective Coatings)	50% OF FINISH COAT PEELING ON WEB OF BEAM 21 FOR 8 FEET OUT FROM END BENT 1 IN SPAN 1	2	12	12	Square Feet

General Comments

Span 1 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	LOSS OF BEARING AREA (11 INCHES X UP TO 5 INCHES) AND DOWNWARD ROTATION (1/2 INCHES) OF MASONRY PLATE, DUE TO SPALL IN CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION WITH UP TO 0.125 INCHES SECTION LOSS ON BEARING	3			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Beam 22

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	28	10	0	0	Feet
515	Steel Protective Coating	385	355	12	8	10	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	10	10	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet
☐ **515**	Peeling/Bubbling/Cracking (steel Protective Coatings)	50% OF FINISH COAT PEELING ON WEB OF BEAM 22 FOR 8 FEET OUT FROM END BENT 1 IN SPAN 1	2	12	12	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	LOSS OF BEARING AREA (11 INCHES X 2 INCHES) AND DOWNWARD ROTATION (1/2 INCHES) OF MASONRY PLATE, DUE TO SPALL IN CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 1 Beam 23

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	28	10	0	0	Feet
515	Steel Protective Coating	385	355	12	8	10	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	10	10	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet
☐ **515**	Peeling/Bubbling/Cracking (steel Protective Coatings)	50% OF FINISH COAT PEELING ON WEB OF BEAM 23 FOR 8 FEET OUT FROM END BENT 1 IN SPAN 1	2	12	12	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	LOSS OF BEARING AREA (11 INCHES X UP TO 4 INCHES) AND DOWNWARD ROTATION (1/2 INCHES) OF MASONRY PLATE, DUE TO SPALL IN CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION WITH UP TO 0.125 INCHES SECTION LOSS ON BEARING	3			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Beam 24

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	27	11	0	0	Feet
515	Steel Protective Coating	385	346	0	23	16	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 3 FEET LONG	2	3		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	16	16	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet
☐ **515**	Peeling/Bubbling/Cracking (steel Protective Coatings)	PAINT PEELING INTERMITTENT ON BOTTOM OF BOTTOM FLANGE	3	15	15	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	LOSS OF BEARING AREA (11 INCHES X UP TO 8 INCHES) AND DOWNWARD ROTATION (1/2 INCHES) OF MASONRY PLATE, DUE TO SPALL IN CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION WITH UP TO 0.125 INCHES SECTION LOSS ON BEARING	3			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Beam 25

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	38	25	13	0	0	Feet
515	Steel Protective Coating	385	365	0	8	12	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Damage	RC END DIAPHRAGM, IN RIGHT OVERHANG AT BENT 1, 1 FEET WIDE X 5 INCHES HIGH X 3 INCHES DEEP SPALL WITH EXPOSED REBAR WITH CORROSION.	3			Feet
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 3 FEET LONG	2	3		Feet
☐ **107**	Corrosion	AT END BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT ON TOP FLANGE THROUGHOUT	2	8		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	12	12	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	8	8	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 0.125 INCHES SECTION LOSS ON BEARING PLATES	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 1 — End Bent 1 Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	154	84	20	30	20	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **301**	Seal Damage	(NORTHBOUND) JOINT OVER END BENT 1 MISSING JOINT MATERIAL FOR 20 FEET	4	20	20	Feet
☐ **301**	Seal Damage	(SOUTHBOUND) SEAL MATERIAL PARTIALLY PULLED OUT 12 FEET FROM LEFT CURB	3	30	3	Feet
☐ **301**	Debris Impaction	(SOUTHBOUND) DEBRIS ACCUMULATION SCATTERED THROUGHOUT JOINT AT END BENT 1	2	20		Feet

General Comments

Span 2 — Bent 1 Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	150	120	0	30	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **301**	Seal Damage	(NORTHBOUND) JOINT OVER BENT 1 IN NORTHBOUND LANE HAS UP TO 20' TORN OR PARTIALLY PULLED UP JOINT MATERIAL	3	20	20	Feet
☐ **301**	Seal Damage	SOUTHBOUND OFF-RAMP, SEAL MATERIAL PARTIALLY PULLED UP	3	10	10	Feet

General Comments

Span 2 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	15,347	15,153	75	119	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **12**	Exposed Rebar	(PAR) (6) 12 INCH DIAMETER X 3 INCH DEEP SPALLS WITH EXPOSED REINFORCING INCHES TOP OF DECK NEAR GORE STRIPPING	3	6	6	Square Feet
☐ **12**	Exposed Rebar	(PAR) 12 INCH DIAMETER X 3 INCH DEEP SPALL WITH EXPOSED REINFORCING INCHES TOP OF DECK 20 FEET FROM BENT 2 AND 20 FEET FROM SOUTHBOUND CURB	3	1	1	Square Feet
☐ **12**	Exposed Rebar	(PAR) 18 INCH WIDE X 6 INCH LONG AREA OF EXPOSED REBAR DUE TO SCARIFICATION INCHES RIGHT NORTH BOUND LANE 6 FEET FROM RIGHT CURB	3	2	2	Square Feet
☐ **12**	Exposed Rebar	(PAR) 20 FEET WIDE X 2 FEET LONG AREA OF EXPOSED REBAR DUE TO SCARIFICATION INCHES RIGHT TWO NORTHBOUND LANES AT MIDSPAN	3	20	20	Square Feet
☐ **12**	Exposed Rebar	(PAR) 30 FEET WIDE X 3 FEET LONG AREA OF EXPOSED REBAR DUE TO SCARIFICATION INCHES RIGHT TWO SOUTHBOUND LANES AT MIDSPAN TOP OF DECK	3	90	90	Square Feet

☐ **12**	Patched Areas	(new repair) at Bent 2 joint, beginning near left rail curb, (south bound lanes) Sound asphalt patching across two lanes, 25' wide x 2' to 4' long. One additional new patch at 40' from left rail curb at Bent 2 joint (4 sq. ft.)	2	60	Square Feet
☐ **12**	Patched Areas	(new repair) Top of deck at Bent 1 joint, North bound right lane, 10' from curb, Sound asphalt patch to previous spall, (6' X 30".)	2	15	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	13,905	13,762	143	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **510**	Delamination/Spall (Wearing Surfaces)	(NORTHBOUND) CHIPPING/SPALLING OF ASPHALT UP TP 3" WIDE X 1" DEEP TYPICAL ALONG BENT 2 JOINT EDGE	2	48	48	Square Feet
☐ **510**	Patched Area/Pothole (Wearing Surface)	(new repair) at Bent 1 joint, North bound right lane, 10' from curb, Sound asphalt patch to previous pothole, (6' X 30".)	2	15		Square Feet
☐ **510**	Patched Area/Pothole (Wearing Surface)	(SOUTHBOUND) (new repair) at Bent 2 joint, beginning near left rail curb, (south bound lanes) Sound asphalt patching across two lanes, 25' wide x 2' to 4' long. One additional new patch at 40' from left rail curb at Bent 2 joint (4 sq. ft.)	2	75		Square Feet
☐ **510**	Patched Area/Pothole (Wearing Surface)	(SOUTHBOUND) at Bent 2 joint (new repair) patches (5sq. ft.) to two previous potholes:	2	5		Square Feet

General Comments

Span 2 — Right Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing	103	99	4	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **333**	Damage	METAL RAIL NEAR 4TH POST FROM BENT 2, IMPACT DAMAGE, WITH 2 INCH BEND EASTWARD, 4 FEET LONG.	2	4		Feet

General Comments

Span 2 — Median Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	103	75	20	8	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **331**	Delamination/Spall	(LEFT SIDE) (6) IMPACT SPALLS WITH EXPOSED REBAR WITH CORROSION NEAR MIDSPAN, (UP TO 12 INCHES X 4 INCHES X 1 INCH DEEP.)	3	6	6	Feet

☐ **331**	Delamination/Spall	(LEFT SIDE) AT BENT 1, IMPACT SPALL WITH EXPOSED REBAR WITH CORROSION, (2 FEET X 3 INCHES X 1 INCH DEEP.)	3	2	2	Feet
☐ **331**	Cracking (RC and Other)	UP TO 0.02 INCHES WIDE CRACKS ACROSS TOP OF BARRIER AND EXTENDING DOWN EACH FACE TO VARYING DEPTHS	2	20		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	103	-36	103	0	36	Feet
515	Steel Protective Coating	1,240	1,045	75	120	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☑ **107**	Connection	Supplemental Inspection Impact Damage, Span 2 Bay 1, Diaphragm at Point of Impact Located 58 Foot From Bent 1 Has Crumpled. The Web of the Diaphragm is Distorted Up to 1 Foot. The Bay at the Point of Impact Around the Diaphragm has a Spacing of 75.5 Inches at the Top Flange and 67 Inches at the Bottom Flange. Only the Protective Coating Has Chipped and Cracked. (PAR)	4	1	1	Feet
☑ **107**	Distortion	Supplemental Inspection Impact Damage, The Bottom of the Beam is bent Northward for the Length of 35 Foot With the Max Distance at the Point of Impact Being 5.5 Inches. The Beam is Out of Plumb By 9 Degrees. The Point of Impact is 3 Foot 3 Inches Long and 2 Inches High and is Located in Span 2, 42 Foot 2 Inches From Bent 2. There are 3 Gouges at the Bottom of the Point of Impact: Left Gouge is 8 Inch X 2 Inch X 1/2 Inch, Center Gouge is 7 Inch X 2 Inch X 1/16 Inch, Right Gouge is 11 Inch X 2 Inch X 1/16 Inch. (PAR)	4	35	35	Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS INCHES WEB, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	FROM BENT 1, CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL HEIGHT ON WEB FOR 1 FEET	2	1		Feet
☐ **107**	Corrosion	TYPICAL THROUGHOUT, FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB, CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	100		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	SUBSTANTIALLY EFFECTIVE FRECKLED RUST	2	75	75	Square Feet

General Comments

Span 2 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	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	103	0	103	0	0	Feet
515	Steel Protective Coating	1,240	1,045	0	75	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION NO MEASURABLE SECTION LOSS INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION NO MEASURABLE SECTION LOSS INCHES WEB AND BOTTOM FLANGE 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	TYPICAL THROUGHOUT, FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	100		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	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	103	0	103	0	0	Feet
515	Steel Protective Coating	1,240	1,045	0	75	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION NO MEASURABLE SECTION LOSS INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG.	2	1		Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION NO MEASURABLE SECTION LOSS INCHES WEB AND BOTTOM FLANGE, 2 FEET LONG.	2	2		Feet
☐ **107**	Corrosion	TYPICAL THROUGHOUT, FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	100		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **313**	Corrosion	CORROSION WITH SECTION LOSS (UP TO 1/16 INCHES DEEP) INCHES PLATES.	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	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	103	0	103	0	0	Feet
515	Steel Protective Coating	1,240	1,045	0	75	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	TYPICAL THROUGHOUT, FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	100		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	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	103	0	103	0	0	Feet
515	Steel Protective Coating	1,240	1,045	0	75	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	TYPICAL THROUGHOUT, FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	100		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING, CORROSION HAS INITIATED	3	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	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	103	0	103	0	0	Feet
515	Steel Protective Coating	1,240	1,045	0	75	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	TYPICAL THROUGHOUT, FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	100		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **313**	Corrosion	CORROSION WITH UP TO 1/16 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1		Each
☐ **515**	Oxide Film Degradation Color/Texture Adherence (Steel Protective Coatings)	PAINT FAILURE ON BEARING	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	103	0	102	1	0	Feet
515	Steel Protective Coating	1,240	1,060	0	75	105	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION IN WEB AND BOTTOM FLANGE, WITH SECTION LOSS IN LOWER WEB (11/16 INCHES REMAINING 2 INCHES X 12 INCHES) SECTION LOSS IN BOTTOM FLANGE (1-3/16 INCHES REMAINING 16-1/2 INCHES X 12 INCHES)	3	1	1	Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION INCHES WEB AND BOTTOM FLANGE, WITH SECTION LOSS IN LOWER WEB (11/16 INCHES REMAINING 2 INCHES HIGH X 9 FEET LONG,) NO MEASURABLE SECTION LOSS IN BOTTOM FLANGE.	2	9		Feet
☐ **107**	Corrosion	TYPICAL; FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB, CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	93		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	105	105	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH SECTION LOSS, 17 INCHES LONG X 1.125 INCHES DEEP X 9.75 INCHES WIDE REMAINING ON BOTTOM PLATE	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

OLD UTILITY CABLE ATTACHED TO BEARING

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 0.06125 INCHES SECTION LOSS AROUND 1/2 INCHES PERIMETER	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	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	103	0	102	1	0	Feet
515	Steel Protective Coating	1,240	1,045	0	175	20	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION INCHES WEB AND BOTTOM FLANGE, SECTION LOSS IN UPPER WEB AT BEAM END (5/8 INCHES REMAINING 6 INCHES X 9 INCHES) NO MEASURABLE SECTION LOSS IN BOTTOM FLANGE	3	1	1	Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION IN WEB AND BOTTOM FLANGE, SECTION LOSS IN LOWER WEB (11/16 INCHES REMAINING 2 INCHES HIGH X 9 FEET LONG,) NO MEASURABLE SECTION LOSS IN BOTTOM FLANGE.	2	9		Feet
☐ **107**	Corrosion	TYPICAL; FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB, CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	93		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	20	20	Square Feet

☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	175	175	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH SECTION LOSS, 17 INCHES LONG X 1.125 INCHES DEEP X 9.75 INCHES WIDE REMAINING ON BOTTOM PLATE	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 0.06125 INCHES SECTION LOSS AROUND 1/2 INCHES PERIMETER	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	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	103	0	103	0	0	Feet
515	Steel Protective Coating	1,240	1,039	0	185	16	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION AND SECTION LOSS IN BOTTOM FLANGE, UNDERSIDE, (1-3/16 INCHES REMAINING 3 INCHES LONG X 16-1/2 INCHES WIDE,) LOWER WEB, (11/16 INCHES REMAINING 2 INCHES X 12".)	2	1		Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	TYPICAL; FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	100		Feet

☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	16	16	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	185	185	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	SECTION LOSS, 17 INCHES LONG X 1.125 INCHES DEEP X 9.75 INCHES WIDE REMAINING ON BOTTOM PLATE	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	3	1	1	Square Feet

General Comments

Span 2 — Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	103	0	103	0	0	Feet
515	Steel Protective Coating	1,240	1,045	0	75	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet

☐ **107**	Corrosion	TYPICAL THROUGHOUT, FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	100		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 2 — Beam 11

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	103	0	103	0	0	Feet
515	Steel Protective Coating	1,240	1,090	0	100	50	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 3 FEET LONG	2	3		Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	TYPICAL THROUGHOUT, FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB	2	98		Feet

☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	50	50	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	100	100	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	3	1	1	Square Feet

General Comments

Span 2 — Beam 12

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	103	0	103	0	0	Feet
515	Steel Protective Coating	1,240	1,040	0	80	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION INCHES WEB AND BOTTOM FLANGE, SECTION LOSS IN BOTTOM FLANGE (1-1/4 INCHES REMAINING 16 INCHES X 3 FEET) NO MEASURABLE SECTION LOSS IN WEB.	2	3		Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	TYPICAL; FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	98		Feet

☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	80	80	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Beam 13

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	103	3	100	0	0	Feet
515	Steel Protective Coating	1,240	1,055	0	170	15	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION AND SECTION LOSS INCHES BOTTOM FLANGE (1-1/2 INCHES REMAINING FULL WIDTH X 36 INCHES LONG,) IN WEB STIFFENER PLATE (3/8 INCHES REMAINING 4 INCHES X 4",) CORROSION NO MEASURABLE SECTION LOSS IN WEB.	2	3		Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION INCHES WEB AND BOTTOM FLANGE, SECTION LOSS INCHES LOWER WEB (13/16 INCHES REMAINING 3 INCHES X 4 FEET) NO MEASURABLE SECTION LOSS INCHES BOTTOM FLANGE	2	4		Feet

☐ **107**	Corrosion	TYPICAL; FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	93		Feet
☐ **107**	Damage	DIAGONAL PATTERN OCCURING IN PAINT/CORROSION ON WEB AT BENT 2 END	2			Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	15	15	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	170	170	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Beam 14

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	103	0	103	0	0	Feet
515	Steel Protective Coating	1,240	1,045	0	75	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet

☐ **107**	Corrosion	TYPICAL; FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	100		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING PLATES	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 2 — Beam 15

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	103	0	103	0	0	Feet
515	Steel Protective Coating	1,240	1,045	0	75	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION IN WEB AND BOTTOM FLANGE, SECTION LOSS IN BOTTOM FLANGE (1-1/4 INCHES REMAINING 16 INCHES X 2 FEET) NO MEASURABLE SECTION LOSS IN WEB.	2	2		Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet

☐ **107**	Corrosion	TYPICAL; FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	99		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING PLATES	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 2 — Beam 16

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	103	0	103	0	0	Feet
515	Steel Protective Coating	1,240	1,045	0	75	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION IN WEB AND BOTTOM FLANGE, SECTION LOSS IN BOTTOM FLANGE (1-1/4 INCHES REMAINING 16-1/2 INCHES X 2 FEET) NO MEASURABLE SECTION LOSS IN WEB.	2	2		Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet

☐ **107**	Corrosion	TYPICAL; FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	99		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING PLATES	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Beam 17

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	103	0	102	1	0	Feet
515	Steel Protective Coating	1,240	1,045	0	75	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION IN WEB AND BOTTOM FLANGE, SECTION LOSS IN BOTTOM FLANGE (1.17 INCHES REMAINING FULL WIDTH X 1 FEET LONG,) NO MEASURABLE SECTION LOSS IN WEB.	3	1	1	Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet

☐ **107**	Corrosion	TYPICAL; FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	100		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING PLATES	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 2 — Beam 18

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	103	0	102	1	0	Feet
515	Steel Protective Coating	1,240	1,045	0	75	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION IN WEB AND BOTTOM FLANGE, SECTION LOSS IN BOTTOM FLANGE (1.11 INCHES REMAINING FULL WIDTH X 1 FEET LONG,) NO MEASURABLE SECTION LOSS IN WEB.	3	1	1	Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet

☐ **107**	Corrosion	TYPICAL; FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	100		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING PLATES	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 2 — Beam 19

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	103	0	102	1	0	Feet
515	Steel Protective Coating	1,240	1,045	0	75	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION IN WEB AND BOTTOM FLANGE, SECTION LOSS IN BOTTOM FLANGE (1-1/16 INCHES REMAINING FULL WIDTH X 12 FEET) NO MEASURABLE SECTION LOSS IN WEB.	3	1	1	Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet

☐ **107**	Corrosion	TYPICAL; FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	100		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING PLATES	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Beam 20

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	103	0	102	1	0	Feet
515	Steel Protective Coating	1,240	1,045	0	75	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION AND SECTION LOSS IN BOTTOM FLANGE IN FRONT OF BEARING, (1-1/16 INCHES REMAINING FULL WIDTH X 4 INCHES LONG,) WEB CORROSION NO SECTION LOSS	3	1	1	Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet

☐ **107**	Corrosion	NEAR BENT 1, CORROSION NO MEASURABLE SECTION LOSS IN LOWER WEB	2	1		Feet
☐ **107**	Corrosion	TYPICAL; FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	99		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION, WITH REMAINING SECTION: BOTTOM PLATE 17 INCHES LONG X 7-7/8 INCHES WIDE X 1-1/4 INCHES DEEP, TOP PLATE 17 INCHES LONG X 5-7/8 INCHES WIDE X 1-1/8 INCHES DEEP	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 — Beam 21

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	103	1	101	0	1	Feet
515	Steel Protective Coating	1,240	1,045	0	75	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **107**	Corrosion	(PAR) AT BENT 1, CORROSION AND SECTION LOSS IN BOTTOM FLANGE (7/8 INCHES REMAINING FULL WIDTH X 3 INCHES)	4	1	1	Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	TYPICAL; FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	99		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH REMAINING SECTION: BOTTOM PLATE 17 INCHES LONG X 7-7/8 INCHES WIDE X 1-1/4 INCHES DEEP, TOP PLATE 17 INCHES LONG X 5-7/8 INCHES WIDE X 1-1/8 INCHES DEEP	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 Beam 22

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	103	0	101	2	0	Feet
515	Steel Protective Coating	1,240	1,070	0	120	50	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION IN WEB AND BOTTOM FLANGE, SECTION LOSS IN BOTTOM FLANGE (1-3/16 INCHES REMAINING FULL WIDTH X 2 FEET LONG,) NO MEASURABLE SECTION LOSS IN WEB	3	2	2	Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB	2	99		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	50	50	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 2 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING PLATES	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 2 Beam 23

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	103	0	103	0	0	Feet
515	Steel Protective Coating	1,240	1,045	0	75	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	TYPICAL; FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	99		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING PLATES	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 2 Beam 24

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	103	0	103	0	0	Feet
515	Steel Protective Coating	1,240	1,045	0	75	120	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 1, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	TYPICAL; FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	99		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet

General Comments

Span 2 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH UP TO 1/8 INCHES SECTION LOSS ON BEARING PLATES	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 2 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 3 — Bent 2 Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	138	105	0	33	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **301**	Seal Damage	(NORTHBOUND) BENT 2 JOINT IS PARTIALLY PULLED OUT INTERMITTENT THROUGHOUT	3	8	8	Feet
☐ **301**	Seal Damage	SOUTHBOUND LANES SEAL PARTIALLY PULLED UP, 25 FEET WITH HARD PACKED DEBRIS.	3	25	25	Feet

General Comments

Span 3 — End Bent 2 Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	133	88	0	35	10	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **301**	Seal Damage	(NORTHBOUND) JOINT OVER END BENT 2 HAS DEBRIS IMPACTION WITH UP TO 10 FEET OF JOINT MATERIAL MISSING	4	10	10	Feet
☐ **301**	Seal Damage	(NORTHBOUND) END BENT 2 JOINT PARTIALLY PULLED OUT INTERMITTENT THROUGHOUT	3	10	10	Feet
☐ **301**	Seal Damage	SOUTHBOUND LANES SEAL PARTIALLY PULLED UP, 25 FEET WITH HARD PACKED DEBRIS.	3	25	25	Feet

General Comments

LEAKAGE EVIDENT ON CAP BELOW JOINT

Span 3 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	6,462	6,454	0	8	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **12**	Exposed Rebar	(PAR) 4 FEET WIDE X 18 INCH LONG LONG AREA OF EXPOSED REBAR DUE TO SCARIFICATION INCHES RIGHT SOUTHBOUND LANES AT MIDSPAN TOP OF DECK	3	8	8	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	6,189	6,121	56	12	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **510**	Patched Area/Pothole (Wearing Surface)	at Bent 2 joint, south bound lane, near median barrier, two partial depth potholes (3' x 2' x 1")	3	12	12	Square Feet

☐ **510**	Delamination/Spall (Wearing Surfaces)	(NORTHBOUND) CHIPPING/SPALLING OF ASPHALT UP TP 2" WIDE X 1" DEEP INTERMITTENT ALONG END BENT 2 JOINT EDGE	2	20	20	Square Feet
☐ **510**	Delamination/Spall (Wearing Surfaces)	(NORTHBOUND) CHIPPING/SPALLING OF ASPHALT UP TP 4" WIDE X 1" DEEP INTERMITTENT ALONG BENT 2 JOINT EDGE	2	15	15	Square Feet
☐ **510**	Patched Area/Pothole (Wearing Surface)	(new repair) at Bent 2 joint, beginning 16ft from left rail curb, (south bound lanes) Sound asphalt patching 15' wide x 18" long.	2	20		Square Feet
☐ **510**	Patched Area/Pothole (Wearing Surface)	at Bent 2 joint, north bound lane, 25' from right curb, sound patch 1 sq. ft., (new repair,)	2	1		Square Feet

General Comments

Span 3 — Median Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	49	39	8	2	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **331**	Delamination/Spall	(LEFT SIDE) 9 INCHES LONG X 3 INCHES WIDE X 0.50 INCHES DEEP SPALL WITH EXPOSED REBAR WITH CORROSION, 8 FEET FROM BENT 2	3	1	1	Feet
☐ **331**	Delamination/Spall	(RIGHT SIDE) 1 FEET LONG X 3 INCHES WIDE X 0.50 INCHES DEEP SPALL WITH EXPOSED REBAR WITH CORROSION, MIDSPAN	3	1	1	Feet
☐ **331**	Cracking (RC and Other)	UP TO 0.02 INCHES WIDE CRACKS ACROSS TOP OF BARRIER AND EXTENDING DOWN EACH FACE TO VARYING DEPTHS	2	8		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	49	0	49	0	0	Feet
515	Steel Protective Coating	465	375	0	35	55	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	AT END BENT 2; CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON END 2 INCHES OF WEB	2	1		Feet
☐ **107**	Corrosion	TYPICAL THROUGHOUT, FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	47		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	55	55	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	35	35	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	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	49	0	49	0	0	Feet
515	Steel Protective Coating	465	335	0	120	10	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	48		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	10	10	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	FRECKLED RUST ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	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	49	0	49	0	0	Feet
515	Steel Protective Coating	465	340	0	120	5	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	48		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	5	5	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	LOSS OF BEARING AREA (11 INCHES X UP TO 4INCHES) DUE TO SPALL IN CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	FRECKLED RUST ON BEARING	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	SUBSTANTIALLY EFFECTIVE FRECKLED RUST	2	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	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	49	0	49	0	0	Feet
515	Steel Protective Coating	465	337	0	120	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	48		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	8	8	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	FRECKLED RUST ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FRECKLED RUST	2	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BEARING PLATE	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	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	49	0	49	0	0	Feet
515	Steel Protective Coating	465	338	0	120	7	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	AT END BENT 2; CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BOTTOM FLANGE AND 2 INCHES FROM EDGE ON WEB FULL HEIGHT	2	1		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	47		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	7	7	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	FRECKLED RUST ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FRECKLED RUST	2	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	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	49	0	49	0	0	Feet
515	Steel Protective Coating	465	337	0	120	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	48		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	8	8	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	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	49	0	49	0	0	Feet
515	Steel Protective Coating	465	337	0	120	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	48		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	8	8	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	CORROSION HAS INITIATED	3	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	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	49	0	49	0	0	Feet
515	Steel Protective Coating	465	333	0	120	12	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 1 FEET LONG	2	2		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	47		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	12	12	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	LOSS OF BEARING AREA (11 INCHES X UP TO 3 INCHES) DUE TO SPALL IN CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	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	49	0	49	0	0	Feet
515	Steel Protective Coating	465	340	0	120	5	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	48		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	5	5	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	FRECKLED RUST ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FRECKLED RUST	2	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Beam 10

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	49	0	49	0	0	Feet
515	Steel Protective Coating	465	337	0	120	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	48		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	8	8	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Beam 11

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	49	0	49	0	0	Feet
515	Steel Protective Coating	465	427	0	30	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION IN WEB AND BOTTOM FLANGE, SECTION LOSS IN LOWER WEB (7/16 INCHES REMAINING 2 INCHES X 12 INCHES) NO MEASURABLE SECTION LOSS IN BOTTOM FLANGE 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE	2	47		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	8	4	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	30	30	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	LOSS OF BEARING AREA (11 INCHES X UP TO 2 INCHES) DUE TO SPALL IN CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Beam 12

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	49	0	49	0	0	Feet
515	Steel Protective Coating	465	340	0	120	5	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	48		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	5	5	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	FRECKLED RUST ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FRECKLED RUST	2	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Beam 13

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	49	0	49	0	0	Feet
515	Steel Protective Coating	465	330	0	120	15	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	AT END BENT 2; CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BOTTOM FLANGE AND FULL HEIGHT ON WEB AT BEAM EDGE	2	1		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	47		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	15	15	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Beam 14

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	49	0	49	0	0	Feet
515	Steel Protective Coating	465	330	0	120	15	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	AT END BENT 2; CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS ON BOTTOM FLANGE AND FULL HEIGHT ON WEB AT BEAM EDGE	2	1		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	47		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	15	15	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Beam 15

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	49	0	49	0	0	Feet
515	Steel Protective Coating	465	325	0	120	20	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 4 FEET LONG	2	4		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	45		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	20	20	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	LOSS OF BEARING AREA (11 INCHES X UP TO 3 INCHES) AND 1/2 INCHES DOWNWARD ROTATION OF MASONRY PLATE, DUE TO SPALL INCHES CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Beam 16

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	49	0	49	0	0	Feet
515	Steel Protective Coating	465	337	0	120	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	48		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	8	8	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	CORROSION HAS INITIATED	3	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Beam 17

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	49	0	49	0	0	Feet
515	Steel Protective Coating	465	340	0	120	5	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	48		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	5	5	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	1	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	FRECKLED RUST ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	SUBSTANTIALLY EFFECTIVE FRECKLED RUST	2	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Beam 18

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	49	0	49	0	0	Feet
515	Steel Protective Coating	465	337	0	120	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	48		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	8	8	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Beam 19

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	49	0	49	0	0	Feet
515	Steel Protective Coating	465	311	22	120	12	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	47		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	12	12	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	75 PERCENT OF FINISH COAT PEELING ON WEB AND BOTTOM FLANGE OF BEAM 19 INCHES SPAN 3 FOR 10 FEET AT END BENT 2	2	22	22	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Beam 20

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	49	0	49	0	0	Feet
515	Steel Protective Coating	465	315	22	120	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	48		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	8	8	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	75 PERCENT OF FINISH COAT PEELING ON WEB AND BOTTOM FLANGE OF BEAM 20 INCHES SPAN 3 FOR 10 FEET AT END BENT 2	2	22	22	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.0625 INCHES SECTION LOSS ON BEARING	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Beam 21

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	49	0	49	0	0	Feet
515	Steel Protective Coating	465	303	30	120	12	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, IN WEB AND BOTTOM FLANGE, 2 FEET LONG	2	2		Feet
☐ **107**	Corrosion	TYPICAL, FRECKLED RUST INTERMITTENT THROUGHOUT TOP FLANGE, WEB, AND BOTTOM FLANGE	2	47		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	12	12	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	120	120	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	75 PERCENT OF FINISH COAT PEELING ON WEB OF BEAM 21 INCHES SPAN 3 FOR 10 FEET AT END BENT 2	2	30	30	Square Feet

General Comments

Span 3 — Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	0	1	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Loss of Bearing Area	LOSS OF BEARING AREA (11 INCHES X UP TO 2 INCHES) DUE TO SPALL IN CAP BENEATH, (SEE PAR FOR CAP.)	4	1	1	Each
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3			Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square Feet

General Comments

Span 3 — Beam 22

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	49	0	49	0	0	Feet
515	Steel Protective Coating	465	363	22	75	5	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **107**	Corrosion	AT BENT 2, CORROSION, NO MEASURABLE SECTION LOSS, INCHES WEB AND BOTTOM FLANGE, 1 FEET LONG	2	1		Feet
☐ **107**	Corrosion	TYPICAL THROUGHOUT, FRECKLED RUST INTERMITTENT FULL WIDTH ON TOP FLANGE AND BOTTOM 2 INCHES OF WEB AND CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS FULL WIDTH ON BOTTOM FLANGE	2	48		Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILED NO PROTECTION	4	5	5	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	75	75	Square Feet
☐ **515**	Effectiveness (Steel Protective Coatings)	75 PERCENT OF FINISH COAT PEELING ON WEB OF BEAM 22 INCHES SPAN 3 FOR 10 FEET AT END BENT 2	2	22	22	Square Feet

General Comments

Span 3 Near Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	1	0	0	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION HAS INITIATED WITH NO MEASUREABLE SECTION LOSS	2	1		Each
☐ **515**	Effectiveness (Steel Protective Coatings)	FAILING CORROSION INITIATED	3	1	1	Square Feet

General Comments

Span 3 Far Bearing

Fixed Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	1	0	0	0	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **313**	Corrosion	CORROSION WITH 0.125 INCHES SECTION LOSS ON BEARING	3	1	1	Each
☐ **515**	Effectiveness (Steel Protective Coatings)	PAINT FAILURE ON BEARING	4	1	1	Square 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	142	66	10	11	55	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 11 BEARING, SPALL 34 INCHES LONG X 6 INCHES HIGH X 6 INCHES WIDE, BEARING LOSS (11 INCHES X 3 INCHES) AND ROTATED DOWN 1/2 INCHES DUE TO LACK OF SUPPORT	4	3	3	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 12 BEARING, SPALL 42 INCHES LONG X 6 INCHES HIGH X 5 INCHES WIDE, AFFECTS BEARING AREA, BEARING LOSS (11 INCHES X 2 INCHES)	4	4	4	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 13 BEARING, SPALL 30 INCHES LONG X 6 INCHES HIGH X 5 INCHES WIDE, BEARING LOSS (11 INCHES X 3 INCHES) AND ROTATED DOWN 1/2 INCHES DUE TO LACK OF SUPPORT	4	3	3	Feet

☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 14 BEARING, SPALL 32 INCHES LONG X 6 INCHES HIGH X 5 INCHES WIDE, AFFECTS BEARING AREA, BEARING LOSS (11 INCHES X 2 INCHES), MASONRY PLATE ROTATED DOWN 1/2 INCHES.	4	3	3	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 15, SPALL 30 INCHES LONG X 6 INCHES HIGH X 6 INCHES WIDE, BEARING LOSS (11 INCHES X 2 INCHES) MASONRY PLATE ROTATED DOWN 1/2 INCHES	4	3	3	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 16, SPALL 36 INCHES LONG X 6 INCHES HIGH X 6 INCHES WIDE, BEARING LOSS (11 INCHES X 4 INCHES) CAUSING ROTATION DOWN 1/2 INCHES	4	3	3	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 17, SPALL 48 INCHES LONG X 6 INCHES HIGH X 6 INCHES WIDE, BEARING LOSS (11 INCHES X UP TO 4 INCHES) CAUSING ROTATION DOWN 1/2 INCHES	4	4	4	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 18, SPALL 30 INCHES LONG X 6 INCHES HIGH X 6 INCHES WIDE, BEARING LOSS (11 INCHES X UP TO 3 INCHES) CAUSING ROTATION 1/2 INCHES DOWN	4	3	3	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 19, SPALL 32 INCHES LONG X 6 INCHES HIGH X 6 INCHES WIDE, UNDERMINING BEARING (11 INCHES X UP TO 4 INCHES) CAUSING ROTATION DOWN 1 INCHES.	4	3	3	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 2 BEARING, SPALL 20 INCHES LONG X 6 INCHES HIGH X 5 INCHES WIDE, AFFECTS BEARING AREA, BEARING LOSS (11 INCHES X 2 INCHES)	4	2	2	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 20, SPALL 40 INCHES LONG X 6 INCHES HIGH X 6 INCHES WIDE, UNDERMINING BEARING (11 INCHES X UP TO 4 INCHES), CAUSING ROTATION DOWN 3/4 INCHES	4	4	4	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 21, SPALL 26 INCHES LONG X 6 INCHES HIGH X 6 INCHES WIDE, UNDERMINING BEARING (11 INCHES X UP TO 3 INCHES) CAUSING ROTATION DOWN 3/4 INCHES	4	3	3	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 22, SPALL 18 INCHES LONG X 6 INCHES HIGH X 6 INCHES WIDE, UNDERMINING BEARING (11 INCHES X UP TO 2 INCHES) CAUSING ROTATION DOWN 1/2 INCHES	4	2	2	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 23, SPALL 36 INCHES LONG X 6 INCHES HIGH X 6 INCHES WIDE, UNDERMINING BEARING (11 INCHES X UP TO 4 INCHES) CAUSING ROTATION DOWN 1/2 INCHES	4	3	3	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 24, SPALL 48 INCHES LONG X 6 INCHES HIGH X 6 INCHES WIDE, UNDERMINING BEARING (11 INCHES X UP TO 3 INCHES) CAUSING ROTATION DOWN 3/4 INCHES	4	4	4	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 4 BEARING, SPALL WITH EXPOSED STEEL (WITH CORROSION NO SECTION LOSS) 36 INCHES LONG X 6 INCHES HIGH X 6 INCHES WIDE, AFFECTS BEARING AREA, BEARING LOSS (11 INCHES X 3 INCHES)	4	3	3	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 5 BEARING, SPALL 18 INCHES LONG X 7 INCHES HIGH X 5 INCHES WIDE, AFFECTS BEARING AREA, BEARING LOSS (3 INCHES X 1 INCHES)	4	2	2	Feet

☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 1 BEAM 9 BEARING, SPALL 36 INCHES LONG X 7 INCHES HIGH X 4 INCHES WIDE, AFFECTS BEARING AREA, BEARING LOSS (11 INCHES X 1 INCHES)	4	3	3	Feet
☐ **234**	Delamination/Spall	NORTH FACE, ABOVE COLUMN 1, SPALL WITH EXPOSED STEEL, CORROSION NO MEASUREABLE SECTION LOSS, (12 INCHES DIAMETER X 1-1/2 INCHES DEEP.)	3	1	1	Feet
☐ **234**	Delamination/Spall	NORTH FACE, TOP OF CAP, ABOVE COLUMN 5 EXTENDING INTO BAY 13, SPALL WITH EXPOSED STEEL, CORROSION NO MEASUREABLE SECTION LOSS, (24 INCHES X 4 INCHES TO 8 INCHES HIGH X UP TO 2 INCHES DEEP)	3	2	2	Feet
☐ **234**	Delamination/Spall	SPALL ON FAR FACE UNDER BEAM 21, 7 INCHES DIAMETER X 1 INCHES DEEP WITH EXPOSED REBAR WITH CORROSION	3	1	1	Feet
☐ **234**	Patched Area	BOTTOM OF CAP BETWEEN COLUMNS 4 AND 5, PATCHED AREA THAT IS UNSOUND OR SHOWING DISTRESS , 4 FEET LONG X 1 FEET WIDE, RUST STAINS SHOWING THROUGH	3	4	4	Feet
☐ **234**	Patched Area	UNDERSIDE OF CAP UNDER BEAM 9, PATCHED AREA THAT IS UNSOUND OR SHOWING DISTRESS 3 FEET LONG X 2 FEET WIDE WITH EXPOSED REBAR WITH CORROSION	3	3	6	Feet
☐ **234**	Cracking (RC and Other)	0.05 INCHES VERTICAL CRACK INCHES SOUTH FACE OF BENT 1 CAP IN BAY 14	2	1		Feet
☐ **234**	Cracking (RC and Other)	2 CRACKS UP TO 0.04 INCHES DOWN NORTH FACE AND EXTENDING TO BOTTOM OF CAP UNDER BEAM 16	2	2		Feet
☐ **234**	Delamination/Spall	(2) DELAMINATED AREAS EACH 9 INCHES DIAMETER ON NEAR FACE IN BAY 1 AND UNDER BEAM 2	2		2	Feet
☐ **234**	Delamination/Spall	(4) SPALLS UP TO 6 INCHES LONG X 2 INCHES WIDE X 0.25 INCHES ON BOTTOM OF CAP BETWEEN COLUMNS 2 AND 3	2	4	4	Feet
☐ **234**	Delamination/Spall	LEFT END FACE OF CAP, 6 INCHES DIAMETER X 0.5 INCHES DEEP SPALL	2	1	1	Feet
☐ **234**	Delamination/Spall	NEAR FACE OVER COLUMN 5, 6 INCHES DIAMETER X 0.25 INCHES DEEP SPALL WITH EXPOSED REBAR WITH CORROSION	2	1	1	Feet
☐ **234**	Delamination/Spall	NEAR FACE UNDER BEAM 5, 2 FEET HIGH X 9 INCHES WIDE DELAMINATED WITH A 5 INCHES HIGH X 2 INCHES WIDE X 0.5 INCHES DEEP SPALL WITH EXPOSED REBAR WITH ACTIVE SECTION LOSS	2	1	2	Feet

General Comments

Bent 1 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**	Cracking (RC and Other)	2 FEET LONG 0.05 INCHES VERTICAL CRACK AT FAR FACE RIGHT CORNER	2	1		Each

General Comments

Bent 1 Pile 2

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	16 INCHES X 11 INCHES AREA OF DELAMINATION/ SPALL INCHES EAST FACE AT SIDEWALK	3	1	2	Each
☐ **205**	Delamination/Spall	TOP LEFT FACE, DELAMINATION (2 FEET X 10")	2		2	Each

General Comments

Bent 1 Pile 4

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	DELAMINATED AREA TOP LEFT OF COLUMN, 2 FEET HIGH X 1.5 FEET WIDE	2	1	2	Each

General Comments

Bent 1 Pile 5

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**	Cracking (RC and Other)	BEGINNING NEAR CAP, NORTHEAST CORNER AND NORTHWEST CORNER, TWO VERTICAL CRACKS (1/16 INCHES TO 1/8 INCHES WIDE X UP TO 5 FEET LONG	3	1	5	Each

General Comments

Bent 1 Pile 6

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**	Cracking (RC and Other)	2 FEET LONG VERTICAL CRACK 0.05 INCHES AT NORTH FACE LEFT CORNER	2			Each
☐ **205**	Delamination/Spall	AT SIDEWALK, SOUTH FACE, TWO SPALLS NO EXPOSED STEEL (6 INCHES X 1 INCHES X 1/2 INCHES)	2	1	2	Each

General Comments

Bent 1 Pile 7

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	(2) DELAMINATED AREAS, 2.5 FEET WIDE X 1 FEET HIGH BOTTOM RIGHT AND 2 FEET HIGH X 10 INCHES WIDE AT NEAR FACE BOTTOM	2	1	5	Each
☐ **205**	Delamination/Spall	FAR FACE LEFT TOP CORNER, 3 INCHES DIAMETER X 1 INCHES DEEP SPALL	2		1	Each

General Comments

Bent 1 Pile 9

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**	Cracking (RC and Other)	2 FEET LONG VERTICAL CRACK 0.03 INCHES TOP LEFT CORNER	2	1		Each

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	156	82	0	74	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **215**	Cracking (RC and Other)	(BAYS 1, 2, 3, 9, 10, 15, 17, 18, AND 21 THROUGH 24) UP TO 1/16 INCHES HORIZONTAL CRACK THROUGHOUT TOP OF BACKWALL FULL WIDTH IN BAYS	3	60	120	Feet
☐ **215**	Delamination/Spall	BAY 16 ADJACENT TO BEAM 17, SPALL, NO EXPOSED STEEL, (24 INCHES X 6 INCHES X 1 INCH DEEP.)	3	1	2	Feet
☐ **215**	Delamination/Spall	MOST BAYS HAVE SPALL/ DELAMINATION NO EXPOSED STEEL, (UP TO 24 INCHES X 6 INCHES X 2 INCHES DEEP.)	3	13	13	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	161	125	24	12	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ **234**	Cracking (RC and Other)	BAY 20, HORIZONTAL CRACK (1/16 INCHES WIDE X 4 FEET LONG,) AND AREA OF SPALLS, NO EXPOSED STEEL, BELOW CRACK (3 FEET X 2 FEET X 1 INCH DEEP.)	3	4	8	Feet
☐ **234**	Delamination/Spall	NUMEROUS SHALLOW SPALLS UP TO 18 INCH DIAMETER X 1/4 INCH DEEP AND HORIZONTAL CRACK UP TO 0.05 INCHES WIDE ON FACE OF CAP IN BAYS 22 AND 23.	3	8	8	Feet
☐ **234**	Cracking (RC and Other)	INTERMITTENT VERTICAL CRACKS UP TO 0.02 INCHES DOWN FACE THROUGHOUT	2	20		Feet
☐ **234**	Delamination/Spall	2 FEET LONG X 1 FEET HIGH DELAMINATED AREA IN BAY 15 ON FACE AT STEP	2	2	2	Feet
☐ **234**	Delamination/Spall	2 FEET LONG X 2 FEET HIGH SURFACE DELAMINATED AREA UNDER BEAM 23	2	2	4	Feet

General Comments

Bent 2 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	131	106	12	2	11	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 3 BEAM 11, SPALL 30 INCHES LONG X 4 INCHES HIGH X 3 INCHES WIDE, AFFECTS BEARING AREA	4	3	3	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 3 BEAM 15, SPALL 20 INCHES LONG X 3 INCHES HIGH X 3 INCHES WIDE, BEARING LOSS (11 INCHES X 3 INCHES), MASONRY PLATE ROTATED DOWN 1/2 INCHES	4	2	2	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 3 BEAM 21, SPALL 20 INCHES LONG X 3 INCHES HIGH X 3 INCHES WIDE, BEARING LOSS (10 INCHES X 2 INCHES)	4	2	2	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 3 BEAM 3, SPALL 24 INCHES LONG X 3 INCHES HIGH X 3 INCHES WIDE, AFFECTS BEARING AREA	4	2	2	Feet
☐ **234**	Delamination/Spall	(PAR) TOP OF CAP, BEHIND/UNDER SPAN 3 BEAM 8, SPALL 18 INCHES LONG X 3 INCHES HIGH X 3 INCHES WIDE, AFFECTS BEARING AREA	4	2	2	Feet
☐ **234**	Delamination/Spall	1.5 FEET HIGH X 10 INCHES WIDE X 0.75 INCHES DEEP SPALL WITH EXPOSED REBAR WITH CORROSION ON NEAR FACE UNDER BAY 22, AND 6 INCHES DIAMETER X 0.5 INCHES SPALL WITH EXPOSED REBAR WITH CORROSION ON NEAR FACE UNDER BEAM 23.	3	2	2	Feet
☐ **234**	Cracking (RC and Other)	0.0125 INCHES VERTICAL CRACK ON NEAR FACE 6 INCHES LEFT OF BEAM 14, FULL HEIGHT OF CAP	2	1		Feet
☐ **234**	Cracking (RC and Other)	0.02 INCHES VERTICAL CRACK STARTING ON NEAR FACE UNDER BAY 3 AND EXTENDING UNDER CAP 1 FEET	2	1		Feet
☐ **234**	Cracking (RC and Other)	BETWEEN COLUMNS 1 AND 2, 2 FEET LONG VERTICAL CRACK UP TO 0.02 INCHES ON FACE EXTENDING TO BOTTOM OF CAP	2	1		Feet
☐ **234**	Delamination/Spall	8 INCHES X 8 INCHES DELAMINATED AREA ON RIGHT END	2		1	Feet
☐ **234**	Delamination/Spall	DELAMINATED AREA UNDER CAP BETWEEN COLUMNS 6 AND 7, 1 FEET LONG X 2 FEET WIDE.	2	1	2	Feet

☐ **234**	Delamination/Spall	MULTIPLE SPALL LOCATIONS ON FAR FACE THROUGHOUT, RANGING FROM 3 INCHES TO 6 INCHES DIAMETER X 0.25 INCHES DEEP.	2	6	6	Feet
☐ **234**	Delamination/Spall	RIGHT END OF CAP: (2) SPALLS, BOTH 3 INCHES DEEP X 0.25 INCHES DEEP WITH EXPOSED REBAR WITH CORROSION	2	2	2	Feet

General Comments

Bent 2 Pile 4

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**	Cracking (RC and Other)	3.5 FEET LONG X 0.0625 INCHES VERTICAL CRACK INCHES NEAR FACE RIGHT CORNER COLUMN 4 AT BENT 2	3		4	Each
☐ **205**	Delamination/Spall	9 INCHES HIGH X 4 INCHES WIDE X 1 INCHES DEEP SPALL WITH ADJACENT (1/64 INCHES WIDE) MAP CRACKING ON NEAR FACE LEFEET CORNER	3	1	1	Each
☐ **205**	Exposed Rebar	3 INCHES DIAMETER X 0.25 INCHES SPALL WITH EXPOSED REBAR TOP RIGHT CORNER	2		1	Each

General Comments

Bent 2 Pile 5

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**	Cracking (RC and Other)	SOUTHWEST CORNER, VERTICAL CRACK, 7 FEET LONG X 0.0625 INCHES WIDE WITH SPALL, NO EXPOSED STEEL AND DELAMINATION (2 FEET X 8 INCHES X 1 INCHES)	3	1	7	Each

General Comments

Bent 2 Pile 6

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**	Cracking (RC and Other)	VERTICAL CRACKING 1/32 INCHES X FULL HEIGHT	3		10	Each
☐ **205**	Delamination/Spall	SOUTHEAST CORNER, SPALL NO EXPOSED STEEL, (8 INCHES DIAMETER X 2-1/2 INCHES DEEP,) DELAMINATION BELOW SPALL (UP TO 18 INCHES WIDE X 4 FEET HIGH.)	3	1	4	Each

General Comments

Bent 2 Pile 8

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**	Cracking (RC and Other)	NORTHWEST CORNER AT CAP, VERTICAL CRACKING (1/16 INCHES WIDE) WITH DELAMINATION (3 FEET X 9 INCHES X 4 INCHES)	3	1	3	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	135	75	60	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **215**	Cracking (RC and Other)	(BAYS 1, AND 5 THROUGH 8) HORIZONTAL CRACKS 1/32 INCH WIDE ALONG BACKWALL	2	30		Feet
☐ **215**	Cracking (RC and Other)	INTERMITTENT HORIZONTAL CRACKS ALONG WALL UP TO 0.02 INCHES WIDE THROUGHOUT	2	30		Feet

General Comments

Bent 2 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	139	113	25	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ **234**	Delamination/Spall	BAY 13, 1 FEET LONG X 2 FEET HIGH X 1/4 INCHES DEEP SPALL, NO EXPOSED STEEL	3	1	2	Feet
☐ **234**	Cracking (RC and Other)	VERTICAL CRACKS (1/64 INCH WIDE) INTERMITTENT THROUGHOUT	2	25		Feet

General Comments

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	15347
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	103
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	103
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	103
Span 2	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	103
Span 2	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	103
Span 2	Median Rail	Concrete Railing	Reinforced Concrete Bridge Railing	103
Span 2	Bent 1 Expansion Joint	Standard Joint	Pourable Joint Seal	150
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	13905
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 590330 **Inspection Date:** 04/17/2024

National Bridge Inventory Items

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

Note:

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		**0**	**3376**
Drainage System	G, F, P, or C	**G**	**0**	**3332**
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C		**0**	**3352**
Scour	G, F, P, or C			
Wingwall	G, F, P, or C		**0**	**3350**
Field Scour Evaluation		**N**		
Drift	G, F, P, or C		**0**	**3366**
Fender System	G, F, P, or C			
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	**G**		
Superstructure Paint Code		**A**		

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	**Y**
Priority Maintenance Request Submitted	YES/NO	**Y**
Inspection Time	Hours	**10**
Traffic Control Time	Hours	**6**
Snooper Time	Hours	**0**
Ladder Used	YES/NO	**N**
Bucket Truck Used	YES/NO	**Y**
Boat Used	YES/NO	**N**
Other Equipment Used	YES/NO	**Y**
Portion of Structure in > 3' of water	YES/NO	**N**

National Bridge and NC SMU Inspection Item Details

Structure Number: 590330 **Inspection Date:** 04/17/2024

Item	NCDOT Deck - Item 58	**Grade**	6	**Maint Code**		**Qty.**	0
Details	Grade Taken From 07/06/2022 Report						

Item	NCDOT Superstructure - Item 59	**Grade**	4	**Maint Code**		**Qty.**	0
Details	Grade Reduced to a 4 Due to Supplemental Inspection Impact Damage to Beam 1 and Diaphragm Only.						

Item	NCDOT Substructure - Item 60	**Grade**	4	**Maint Code**		**Qty.**	0
Details	Grade Taken From 07/06/2022 Report						

Item	Sign Notice Issued	**Grade**	Y	**Maint Code**		**Qty.**	0
Details	New Low Clearance Needed in One Direction (East Bound) Due to the increase in the North Carolina Legal Load						

Item	Priority Maintenance Issued	**Grade**	Y	**Maint Code**		**Qty.**	0
Details	Diaphragm Beam 1 Low Clearance Sign						

Item	Other Equipment Used	**Grade**	Y	**Maint Code**		**Qty.**	0
Details	Ultrasonic Machine, Climbing Vest						

Span 2 Beam 1: Supplemental Inspection Impact Damage, The Bottom of the Beam is bent Northward for the Length of 35 Foot With the Max Distance at the Point of Impact Being 5.5 Inches. The Beam is Out of Plumb By 9 Degrees. The Point of Impact is 3 Foot 3 Inches Long and 2 Inches High and is Located in Span 2, 42 Foot 2 Inches From Bent 2. There are 3 Gouges at the Bottom of the Point of Impact: Left Gouge is 8 Inch X 2 Inch X 1/2 Inch, Center Gouge is 7 Inch X 2 Inch X 1/16 Inch, Right Gouge is 11 Inch X 2 Inch X 1/16 Inch. (PAR)

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Span 2 Beam 1: Supplemental Inspection Impact Damage, Span 2 Bay 1, Diaphragm at Point of Impact Located 58 Foot From Bent 1 Has Crumpled. The Web of the Diaphragm is Distorted Up to 1 Foot. The Bay at the Point of Impact Around the Diaphragm has a Spacing of 75.5 Inches at the Top Flange and 67 Inches at the Bottom Flange. Only the Protective Coating Has Chipped and Cracked. (PAR)

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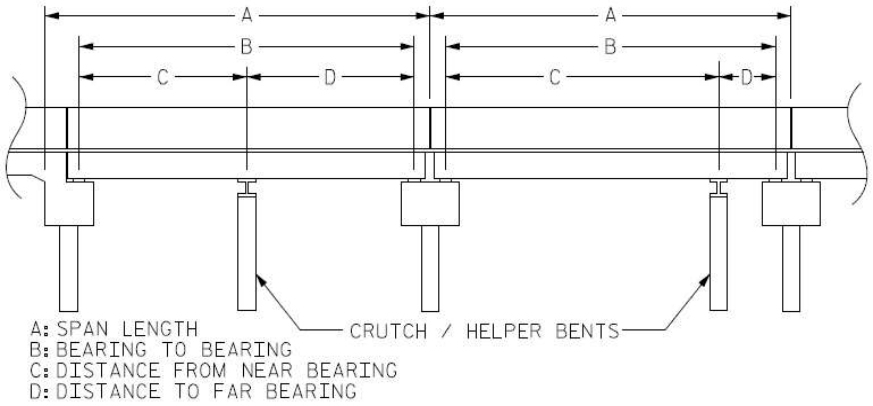
Structure Data Worksheet

Span Profile

County: **MECKLENBURG**

Structure Number: **590330**



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	38.000	36.208			
2	103.000	101.896			
3	49.000	47.203			

Structure Number: 590330 Span: 2 Route Name: US29N,NC49E

Looking West

Route Number: 21000290	**Route Name:** US29N,NC49E			**Reference Feature:** H
Minimum Vertical Clearance 14.600 feet	**Maximum Minimum Vertical Clearance** 14.900 feet			
Total Horizontal Clearance 89.500 feet	**Lateral Clearances: Left:** 6.300 feet **Right** 14.200 feet			
☑ **Base Highway Network**	**LRS Inventory Route, Sub Route Number** 20029			
Milepost: 0.000	**Number of Lanes:** 3	**ADT:** 8500	**Year of ADT:** 2014	**Percentage of Trucks:** 12
☑ **National Highway System**		☐ **STRAHNET Highway Designator**		
Functional Classification 14 Local Other Principal Arterial		**Direction of Traffic:** 1 1 - way traffic		

Bridge Inspection Field Sketch

Left Lanes			
Roadway	48ft Wide	4 Paved Lanes	South Bound
Right Shoulder	3ft Wide	3ft Paved	
Left Shoulder	5ft Wide	5ft Paved	
Right Guardrail	3ft from road		
Left Guardrail			
Median	2ft Wide	2.75ft High	
Right Lanes			
Roadway	58ft Wide	5 Paved Lanes	North Bound
Left Shoulder	5ft Wide	5ft Paved	
Right Shoulder	3ft Wide	3ft Paved	
Left Guardrail			
Right Guardrail	3ft from road		

MEASUREMENTS TAKEN 65FT NORTH OF BRIDGE, LOOKING NORTH

* DENOTES A CHANGE TO MEASUREMENT

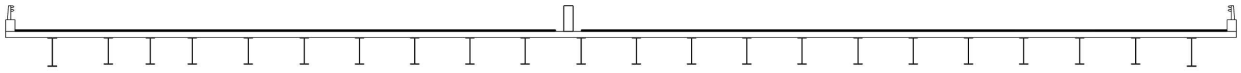
Title	Description
APPROACH ROADWAY	DATA WORKSHEET

Structure No:	Drawn By:	Date:	Filename:
590330	ED	6/29/2022	S000762000056.wes

Bridge Inspection Field Sketch

Deck Width/Out to Out	131.874ft	Between Rails			129.65ft
Clear Roadway	126.34ft	Wearing Surface			*
Median Width	2.75ft	Median Height			2.75ft
Curb Height		Left	7in	Right	7in
Sidewalk Width		Left		Right	
Clear Roadway (Rail to Median)		Left	59ft	Right	67.34ft
Guardrail Width		Left	12in	Right	12in
Top of Rail to Deck/Wearing Surface		Left	2.741ft	Right	2.741ft
Bridge Rail Type		Left	Type 10	Right	

* 1.5 INCH THICK OVERLAY IN THE LEFT TWO NORTHBOUND LANES, 0 INCH OVERLAY IN ALL OTHER LANES (TEMPORARILY REMOVED).



Measurements for Span #	3		
Deck Thickness	8in	Left Overhang	5ft
Top of Rail to Bottom of Beam (Avg)	6.511ft	Right Overhang	4.79ft

Beam #	Beam Type	Width	Height	Spacing	From
1	Plate Girder	11.95in	37.13in	5ft	Left Edge of Deck
2	Plate Girder	11.48in	34.34in	6ft	Beam 1
3	Plate Girder	11.48in	34.34in	4.5ft	Beam 2
4	Plate Girder	11.48in	34.34in	4.5ft	Beam 3
5	Plate Girder	11.48in	34.34in	6ft	Beam 4
6	Plate Girder	11.48in	34.34in	6ft	Beam 5
7	Plate Girder	11.48in	34.34in	5.917ft	Beam 6
8	Plate Girder	11.48in	34.34in	5.917ft	Beam 7
9	Plate Girder	11.48in	34.34in	5.917ft	Beam 8
10	Plate Girder	11.48in	34.34in	5.917ft	Beam 9
11	Plate Girder	11.48in	34.34in	6ft	Beam 10
12	Plate Girder	11.48in	34.34in	5.917ft	Beam 11
13	Plate Girder	11.48in	34.34in	5.917ft	Beam 12
14	Plate Girder	11.48in	34.34in	5.917ft	Beam 13
15	Plate Girder	11.48in	34.34in	5.917ft	Beam 14
16	Plate Girder	11.48in	34.34in	6ft	Beam 15
17	Plate Girder	11.48in	34.34in	5.917ft	Beam 16
18	Plate Girder	11.48in	34.34in	5.917ft	Beam 17
19	Plate Girder	11.48in	34.34in	5.917ft	Beam 18
20	Plate Girder	11.48in	34.34in	6ft	Beam 19
21	Plate Girder	11.48in	34.34in	6ft	Beam 20
22	Plate Girder	11.95in	37.13in	6ft	Beam 21

NOTE: STRUCTURE IS FLARED. MEASUREMENTS TAKEN AT END BENT 2
SEE SPAN INFO SKETCH FOR MORE INFORMATION
SPAN 1 - 25 BEAMS; SPAN 2 - 24 BEAMS; SPAN 3 - 22 BEAMS

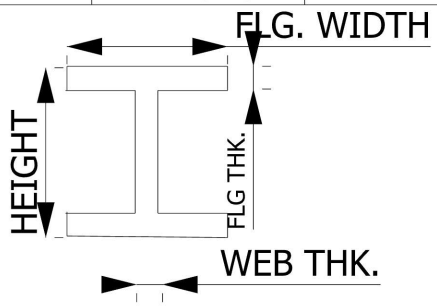
END BENTS; RC CAP, PPC PILES

Title	Description
TYPICAL SECTION SKETCH	DATA WORKSHEET

Structure No: 590330	Drawn By: ED	Date: 6/29/2022	Filename: S000762000057.wes

Bridge Inspection Field Sketch

SIZE	LOCATION	HEIGHT	WEB THK.	FLG. WIDTH	FLG. THK.
W36 X 135	S1 & S3 (EXT)	35.55"	0.6"	12"	0.79"
W30 X 99	S1 (INT)	29.65"	0.52"	10.5"	0.67"
W36 X 300	S2 (EXT)	36.75"	0.95"	16.67"	1.68"
W36 X 280	S2 (13)	36.50"	0.89"	16.6"	1.57"
W 36 X 245	S2 (TYP)	36.08"	0.8"	16.5"	1.35"
W33 X 118	S3 (INT)	32.86"	0.55"	11.5"	0.75"

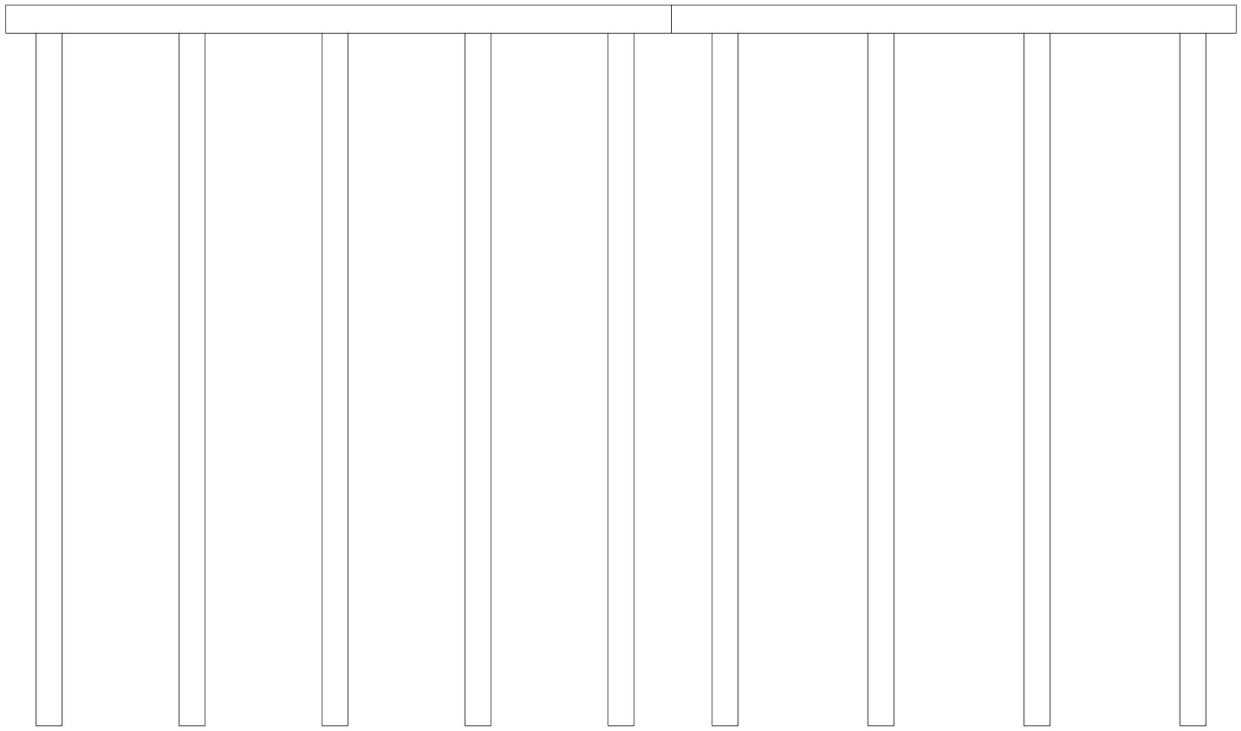


	END BENT 2	END BENT 1
OUT TO OUT	131.877'	153.627'
NB BETWEEN RAILS	69.07'	68.61'
SB BETWEEN RAILS	60.08'	82.10'
NB CLEAR RDWY.	67.34'	67.61'
SB CLEAR RDWY.	59.00'	79.39'

Title	Description
SPAN INFO	DATA WORKSHEET

Structure No: 590330	Drawn By: ED	Date: 6/29/2022	Filename: S000762000058.wes

Bridge Inspection Field Sketch



Caps							
#	Name	Type	Length	Width	Height	Left Beam to End of Cap	Right Beam to End of Cap
1	Cap 1	Reinforced Concrete Pier Cap	142ft	36in	39in	1.5ft	1.5ft

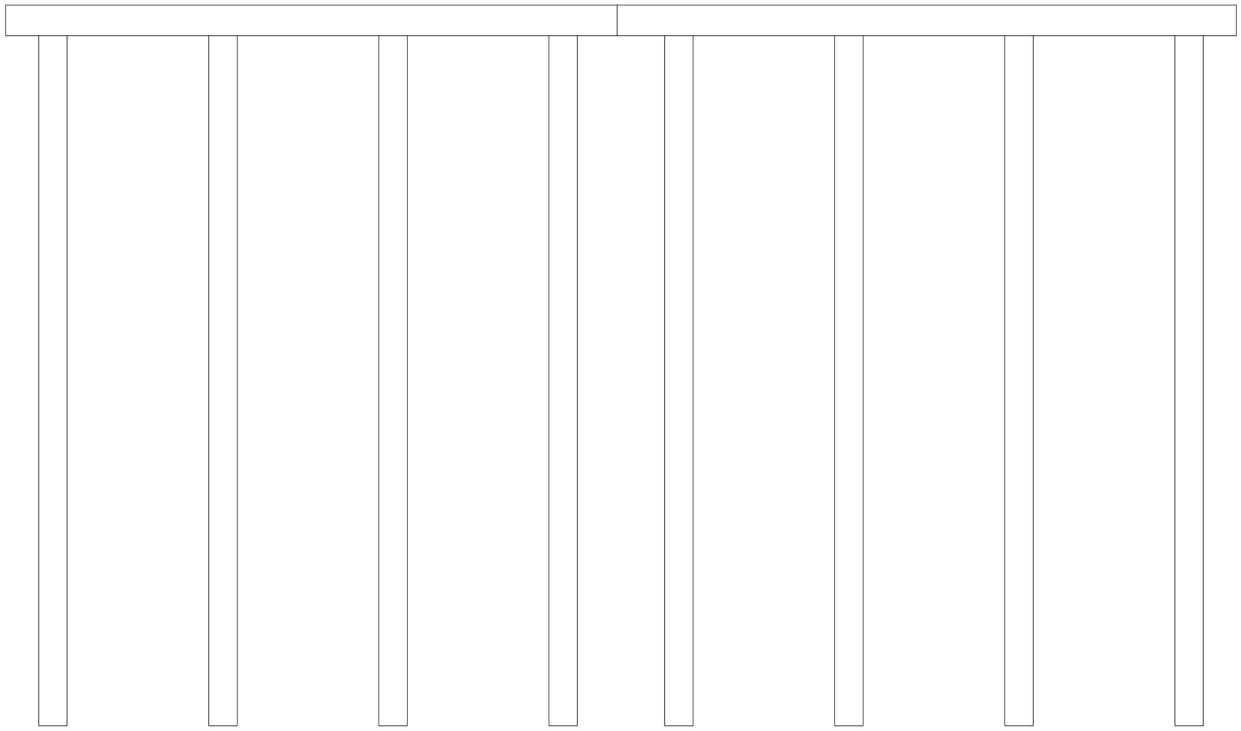
Piles							
#	Name	Type	Spacing	From	Height/Diam.	Width	Length
1	Pile 1	Reinforced Concrete Column	5ft	Left End of Bent	36in		23.5ft
2	Pile 2	Reinforced Concrete Column	16.5ft	Pile 1	36in		23ft
3	Pile 3	Reinforced Concrete Column	16.5ft	Pile 2	36in		22.5ft
4	Pile 4	Reinforced Concrete Column	16.5ft	Pile 3	36in		22ft
5	Pile 5	Reinforced Concrete Column	16.5ft	Pile 4	36in		21.5ft
6	Pile 6	Reinforced Concrete Column	12ft	Pile 5	36in		17ft
7	Pile 7	Reinforced Concrete Column	18ft	Pile 6	36in		16ft
8	Pile 8	Reinforced Concrete Column	18ft	Pile 7	36in		15ft
9	Pile 9	Reinforced Concrete Column	18ft	Pile 8	36in		14ft

NOTE: COLUMN HEIGHT CHANGES FORM 20.75FT AT COLUMN 1 TO 10.75FT AT COLUMN 9

Title	Description
BENT 1 SKETCH	DATA WORKSHEET

Structure No: 590330	Drawn By: ED	Date: 6/29/2022	Filename: S000762000059.wes

Bridge Inspection Field Sketch



Caps							
#	Name	Type	Length	Width	Height	Left Beam to End of Cap	Right Beam to End of Cap
1	Cap 1	Reinforced Concrete Pier Cap	130.25ft	30in	39in	1.6ft	1.708ft

Piles							
#	Name	Type	Spacing	From	Height/Diam.	Width	Length
1	Pile 1	Reinforced Concrete Column	5ft	Left End of Bent	36in		24.5ft
2	Pile 2	Reinforced Concrete Column	18ft	Pile 1	36in		23.75ft
3	Pile 3	Reinforced Concrete Column	18ft	Pile 2	36in		23ft
4	Pile 4	Reinforced Concrete Column	18ft	Pile 3	36in		22.5ft
5	Pile 5	Reinforced Concrete Column	12.25ft	Pile 4	36in		21ft
6	Pile 6	Reinforced Concrete Column	18ft	Pile 5	36in		20ft
7	Pile 7	Reinforced Concrete Column	18ft	Pile 6	36in		19ft
8	Pile 8	Reinforced Concrete Column	18ft	Pile 7	36in		18.67ft

NOTE: COLUMN HEIGHT CHANGES FROM 33.5FT AT COLUMN 1 TO 13FT AT COLUMN 8

Title	Description
BENT 2 SKETCH	DATA WORKSHEET

Structure No: 590330	Drawn By: ED	Date: 6/29/2022	Filename: S000762000060.wes

Looking West