NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: Supplemental Inspection Impact Damage, Span 2 Beam 6, PAR

Structure Safety Report

Supplemental Element Inspection

STRUCTURE NUMBER: 100392 SAP STRUCTURE NO: 0110392 FHWA STRUCTURE NO: 000000000210392

DIVISION: 13 COUNTY: BUNCOMBE INSPECTION DATE: 08/28/2024 FREQUENCY: None

FACILITY CARRIED: US19,23BUS MILE POST:

LOCATION: .05 MI.S.JCT.SR1733

FEATURE INTERSECTED: I-26 & US19,23BYP.

LATITUDE: 35° 42' 48.96" LONGITUDE: 82° 33' 43.72"

SUPERSTRUCTURE: REINFORCED CONCRETE FLOOR ON I-BEAMS

SUBSTRUCTURE: E.BTS:RC CAPS/H-PILES;INT.BTS:RC POST&BEAMS

SPANS: 4 SPANS. SEE SPAN PROFILE SHEET FOR SPAN DETAILS

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

GRADES: (Inspector/NBI Coding) DECK 7 / 7 SUPERSTRUCTURE 4 / 4 SUBSTRUCTURE 4 / 4 CULVERT N / N

POSTED SV: Not Posted POSTED TTST: Not Posted

OTHER SIGNS PRESENT: (4) DELINEATORS, (2) LOW CLEARANCE SIGNS

Looking North at Approach Roadway

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

DIRECTION OF INSPECTION: S-N

DIRECTION MATCHES PLANS:

INSPECTED BY	SIGNATURE	ASSISTED BY
MICHAEL CARTER		MEC

IDENTIFICATION

(1) STATE NAME NORTH CAROLINA BRIDGE	100392
(8) STRUCTURE NUMBER (FEDERAL)	0210392
(5) INVENTORY ROUTE (ON/UNDER) ON	126000190
(2) STATE HIGHWAY DEPARTMENT DISTRICT	13
(3) COUNTY CODE (FEDERAL) 21 (4) PLACE CODE	71560
(6) FEATURE INTERSECTED I-26 & US19,23BYP.	
(7) FACILITY CARRIED US19,23BUS	
(9) LOCATION .05 MI.S.JCT.SR1733	
(11) MILEPOINT	0.0
(12) BASE HIGHWAY NETWORK	0
(13) LRS INVENTORY ROUTE & SUBROUTE	
(16) LATITUDE 35° 42' 48.96" (17) LONGITUDE 82° 33' 43.72"	
(98) BORDER BRIDGE STATE CODE PERCENT SHARED	
(99) BORDER BRIDGE STRUCTURE NUMBER	

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN			Steel
TYPE	Stringer/Multi-beam or girder	CODE	302
(44) STRUCTURE TYPE APPROACH			
TYPE		CODE	
(45) NUMBER OF SPANS IN MAIN UNIT			4
(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			1964
(106) YEAR RECONSTRUCTED			0
(42) TYPE OF SERVICE ON -			Overpass Structure
OFF -	Highway	CODE	61
(28) LANES ON STRUCTURE 2	LANES UNDER STRUCTURE		4
(29) AVERAGE DAILY TRAFFIC			7500
(30) YEAR OF ADT 2022	(109) TRUCK ADT PCT		6
(19) BYPASS OR DETOUR LENGTH			2.0

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN			76.0
(49) STRUCTURE LENGTH			279.0
(50) CURB OR SIDEWALK: LEFT 1.6	RIGHT		1.6
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB			40.0
(52) DECK WIDTH OUT TO OUT			45.3
(32) APPROACH ROADWAY WIDTH (W/ SHOULDERS)			40.0
(33) BRIDGE MEDIAN	No median	CODE	0
(34) SKEW 38	(35) STRUCTURE FLARED		0
(10) INVENTORY ROUTE MIN VERT CLEAR			999.9
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR			40.0
(53) MIN VERT CLEAR OVER BRIDGE RDWY			999.9
(54) MIN VERT UNDERCLEAR: REFERENCE	H		14.8
(55) MIN LAT UNDERCLEARANCE RT: REFERENCE	H		8.2
(56) MIN LAT UNDERCLEARANCE LT:			10.5

NAVIGATION DATA

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

SUFFICIENCY RATING	64.20
STATUS =	Structurally Deficient

CLASSIFICATION

		CODE
(112) NBIS BRIDGE SYSTEM		YES
(104) HIGHWAY SYSTEM	Inventory Route not on NHS	0
(26) FUNCTIONAL CLASS	Urban Minor Collector	16
(100) STRAHNET HIGHWAY	Not a STRAHNET Route	0
(101) PARALLEL STRUCTURE	No parallel structure exists	N
(102) DIRECTION OF TRAFFIC	2-way traffic	2
(103) TEMPORARY STRUCTURE		
(110) DESIGNATED NATIONAL NETWORK - on national network for trucks		0
(20) TOLL	On Free Road	3
(21) MAINT -		01
(22) OWNER -		01
(37) HISTORICAL SIGNIFICANCE -		5

CONDITION

	CODE
(58) DECK	7
(59) SUPERSTRUCTURE	4
(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-44	80
(65) INVENTORY RATING METHOD -		1
(66) INVENTORY RATING	HS-27	48
(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	5
(69) UNDERCLEARANCES, VERT & HORIZ	3
(71) WATERWAY ADEQUACY	N
(72) APPROACH ROADWAY ALIGNMENT	8
(36) TRAFFIC SAFETY FEATURES	0010
(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 15,000	YEAR OF FUTURE ADT 2040

INSPECTION

(90) INSPECTION DATE	01/23	(91) FREQUENCY	24
(92) CRITICAL FEATURE INSPECTION		(93) CFI DATE	
A) FRACTURE CRIT DETAIL	A)		
B) UNDERWATER INSP	B)		
C) OTHER SPECIAL INSP	C)		
SCOUR			

Structure Number 100392 County BUNCOMBE Run Date 11/21/2024

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	I 26 W	11000260	14.6	18.0	1	10026	12	2	17000	2015	43.2	H	14.3	9.2	17.6	3		1	☐	☐
3	I 26 E	11000260	15.0	18.0	1	10026	12	2	17000	2015	42.7	H	14.8	8.2	18.5	3		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 75.700 Skew 52.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
2	Concrete and Metal Railing	Other Bridge Railing	152 Feet		
1	Asphalt Wearing Surface	Wearing Surface	2726 Square Feet		
6	Plate Girder	Steel Open Girder/Beam	480 Feet	Legacy Red Lead Primer Systems with Various Topcoats	4962
2	Delineator	Warning Signs	2 Each		
6	Fixed Bearing	Fixed Bearing	6 Each	Legacy Red Lead Primer Systems with Various Topcoats	12
6	Movable Bearing	Movable Bearing	6 Each	Legacy Red Lead Primer Systems with Various Topcoats	12
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3426 Square Feet		

Span Number 2 Span Length 76.660 Skew 52.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
6	Fixed Bearing	Fixed Bearing	6 Each	Legacy Red Lead Primer Systems with Various Topcoats	12
2	Concrete and Metal Railing	Other Bridge Railing	154 Feet		
1	Asphalt Wearing Surface	Wearing Surface	2760 Square Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3469 Square Feet		
6	Plate Girder	Steel Open Girder/Beam	474 Feet	Legacy Red Lead Primer Systems with Various Topcoats	4914
1	Standard Joint	Pourable Joint Seal	58 Feet		
6	Movable Bearing	Movable Bearing	6 Each	Legacy Red Lead Primer Systems with Various Topcoats	12
2	Other warning sign	Other Warning Signs	2 Each		

Span Number 3 Span Length 68.690 Skew 52.000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	2473 Square Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	3109 Square Feet		

Superstructure Build Details

6	Movable Bearing	Movable Bearing	6	Each	Legacy Red Lead Primer Systems with Various Topcoats	12
2	Concrete and Metal Railing	Other Bridge Railing	138	Feet		
6	Fixed Bearing	Fixed Bearing	6	Each	Legacy Red Lead Primer Systems with Various Topcoats	12
1	Standard Joint	Pourable Joint Seal	58	Feet		
6	Plate Girder	Steel Open Girder/Beam	426	Feet	Legacy Red Lead Primer Systems with Various Topcoats	4326

Span Number 4 Span Length 58.420 Skew 52.000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	2104	Square Feet		
6	Fixed Bearing	Fixed Bearing	6	Each	Legacy Red Lead Primer Systems with Various Topcoats	12
2	Concrete and Metal Railing	Other Bridge Railing	118	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2644	Square Feet		
2	Delineator	Warning Signs	2	Each		
6	Movable Bearing	Movable Bearing	6	Each	Legacy Red Lead Primer Systems with Various Topcoats	12
1	Standard Joint	Pourable Joint Seal	58	Feet		
6	Plate Girder	Steel Open Girder/Beam	354	Feet	Legacy Red Lead Primer Systems with Various Topcoats	3630

Structure Element Scoring

Structure Number: 100392

Inspection Date 8/28/2024

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	12,648	12,648	0	0	0
107		Steel Open Girder/Beam	Beam	1,734	7	1,603	49	75
515	107	Steel Protective Coating	Beam	17,832	14,364	18	3,178	272
205		Reinforced Concrete Column	Piles and Columns	12	4	0	8	0
215		Reinforced Concrete Abutment	Abutments	185	184	0	1	0
225		Steel Pile	Piles and Columns	25	25	0	0	0
234		Reinforced Concrete Pier Cap	Caps	292	109	11	98	74
301		Pourable Joint Seal	Expansion Joints	174	169	0	5	0
311		Movable Bearing	Bearing Device	24	0	0	24	0
515	311	Steel Protective Coating	Bearing Device	48	0	0	0	48
313		Fixed Bearing	Bearing Device	24	0	8	16	0
515	313	Steel Protective Coating	Bearing Device	48	0	0	16	32
333		Other Bridge Railing	Bridge Rail	562	562	0	0	0
510		Wearing Surface	Wearing Surfaces	10,063	9,861	2	200	0
602		Warning Signs	Ground Mounted Signs	4	4	0	0	0
603		Other Warning Signs	Ground Mounted Signs	2	2	0	0	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 100392 Inspection Date: 08/28/2024

MMS Code	Element Name	Defect Name	Recommended Quantity
3314	Steel Open Girder/Beam	Corrosion	124 Feet
3314	Steel Open Girder/Beam	Distortion	12 Feet
3348	Reinforced Concrete Column	Efflorescence/Rust Staining	2 Feet
3348	Reinforced Concrete Column	Delamination/Spall	1 Feet
3348	Reinforced Concrete Column	Cracking (RC and Other)	47 Feet
3350	Reinforced Concrete Abutment	Cracking (RC and Other)	1 Feet
3348	Reinforced Concrete Pier Cap	Exposed Rebar	6 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	104 Feet
3348	Reinforced Concrete Pier Cap	Patched Area	5 Feet
3348	Reinforced Concrete Pier Cap	Efflorescence/Rust Staining	33 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	55 Feet
3310	Pourable Joint Seal	Seal Damage	5 Feet
3334	Movable Bearing	Corrosion	24 Each
3334	Fixed Bearing	Corrosion	16 Each
2816	Wearing Surface	Crack (Wearing Surface)	202 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	3564 Square Feet

Element Structure Maintenance Quantities

Structure Number: 100392 Inspection Date 08/28/2024

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Beam	3314	Maintenance Steel Superstructure Components	136	1734	75.000	49.000	1603.000	7.000
Beam	3342	Clean and Paint Steel	3468	17832	272.000	3178.000	18.000	14364.000
Bearing Device	3334	Bridge Bearing	24	24	0.000	24.000	0.000	0.000
Bearing Device	3334	Bridge Bearing	16	24	0.000	16.000	8.000	0.000
Bearing Device	3342	Clean and Paint Steel	48	48	48.000	0.000	0.000	0.000
Bearing Device	3342	Clean and Paint Steel	48	48	32.000	16.000	0.000	0.000
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	0	562	0.000	0.000	0.000	562.000
Deck	3326	Maintenance of Concrete Deck	0	12648	0.000	0.000	0.000	12648.000
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	5	174	0.000	5.000	0.000	169.000
Ground Mounted Signs	3250	Install or Replace Ground Mounted Signs	0	4	0.000	0.000	0.000	4.000
Ground Mounted Signs	3250	Install or Replace Ground Mounted Signs	0	2	0.000	0.000	0.000	2.000
Wearing Surfaces	2816	Asphalt Surface Repair	202	10063	0.000	200.000	2.000	9861.000
Abutments	3350	Maintenance of Concrete Wings and Wall	1	185	0.000	1.000	0.000	184.000
Caps	3348	Maintenance of Concrete Substructure	203	292	74.000	98.000	11.000	109.000
Piles and Columns	3348	Maintenance of Concrete Substructure	50	12	0.000	8.000	0.000	4.000
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	25	0.000	0.000	0.000	25.000

Priority Actions Request

Structure Number 100392

Span2

3314 Beam 6 Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
4	Distortion	12	Span 2 Beam 6: Supplemental Inspection Impact Damage, Span 2 Beam 6 Is Bowed Westward 9 Degrees Out Of Plumb For a Length Of 12 Foot That Begins 11.5 Foot From Bent 1. At The Point of Impact The Weld Connecting The Bottom Flange To The Bottom Stiffener Plate Is Broken For 30 Inches. The Point of Impact (Located 20.5 Foot From Bent 1) Also Has Two Gouges On The Bottom Flange. The First One Is 17 Inches Long X 1 Inch High X 3 Inch Deep. The Second One Is 6 Inch Long X 1/2 Inch High X 2 Inch Deep. (PAR)

? PAR Submitted 1 Routine Maintenance 2 Priority 24 Month 3 Priority 12 Month 4 Assigned Critical Find

Element Condition and Maintenance Data

Structure Number: 100392 Inspection Date: 08/28/2024

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	80	0	73	6	1	Feet
515	Steel Protective Coating	827	667	0	154	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	PRIORITY ACTION REQUEST WEST BOTTOM FLANGE AT ABUTMENT 1 FOR 6 INCHES LONG CORROSION WITH 1/2 INCH AVERAGE SECTION REMAINING (PAR).	4	1	1	Feet
☐ 107	Corrosion	At bent 1 left bottom flange corrosion and section loss down to 5/8 inch remaining 7 inches wide x 6 feet long. Web section loss down to 9/16 inch remaining up 9 inches high x 22 inches long	3	6	6	Feet
☐ 107	Corrosion	SCATTERED FRECKLED RUST FOR FULL LENGTH OF BOTTOM FLANGE.	2	73		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	6	6	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	154	154	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	80	0	75	1	4	Feet
515	Steel Protective Coating	827	667	0	154	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	PRIORITY ACTION REQUEST At bent 1 bottom flange corrosion and section loss down to 7/16 inch remaining full width x 4 feet long. Upper web corrosion and section loss down to 7/16 inch remaining 12 inches long x 7 inches high (PAR)	4	4	4	Feet
☐ 107	Corrosion	At end bent 1 bottom left flange corrosion and section loss down to 11/16 inch remaining 6 inches long x 5 inches wide	3	1	1	Feet
☐ 107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	75		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	6	6	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	154	154	Square Feet

General Comments

Structure Number: 100392 Inspection Date: 08/28/2024

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	80	0	75	2	3	Feet
515	Steel Protective Coating	827	667	0	156	4	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	PRIORITY ACTION REQUEST At bent 1 bottom flange corrosion and section loss down to 3/8 inch remaining full width x 3 feet long. Web down to 7/16 inch remaining full height x 12 inches long (PAR)	4	3	3	Feet
☐ 107	Corrosion	At end bent 1 bottom left flange corrosion and section loss down to 5/8 inch remaining 6 inches long x 3 inches wide	3	1	1	Feet
☐ 107	Corrosion	WEST FACE BOTTOM FLANGE IN FRONT OF BEARING AT PIER 1, CORROSION WITH 1/2 IN AVERAGE SECTION REMAINING FOR 6 IN LONG (PAR).	3	1	1	Feet
☐ 107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	75		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	4	4	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	156	156	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	80	0	76	2	2	Feet
515	Steel Protective Coating	827	667	0	156	4	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	PRIORITY ACTION REQUEST At bent 1 bottom flange corrosion and section loss down to 1/2 inch remaining 13 inches long x full width. Web down to 9/16 inch remaining full height up to 12 inches long (PAR)	4	2	2	Feet
☐ 107	Corrosion	WEST FACE BOTTOM FLANGE IN FRONT OF BEARING AT PIER 1, CORROSION WITH 1/2 IN AVERAGE SECTION DOWN TO 5/16 IN SECTION REMAINING FOR 2 FT LONG (PAR).	3	2	2	Feet
☐ 107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	76		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	4	4	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	156	156	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	80	1	76	0	3	Feet
515	Steel Protective Coating	827	667	0	156	4	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	PRIORITY ACTION REQUEST At bent 1 bottom flange corrosion and section loss down to 9/16 inch remaining full width x 3 feet long. Web down to 9/16 inch remaining full height x up to 12 inches long (PAR)	4	3	3	Feet
☐ 107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	76		Feet
☐ 107	Corrosion	WEST FACE FOR 6 INCHES LONG IN FRONT OF BEARING AT PIER 1 CORROSION WITH 5/8 INCH AVERAGE SECTION REMAINING.	1			Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	4	4	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	156	156	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	80	0	71	9	0	Feet
515	Steel Protective Coating	827	667	6	154	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	Beginning at repair plate on bottom flange corrosion and scale with no measurbale section loss full width x 8 feet long	3	8	8	Feet
☐ 107	Corrosion	WEST FACE FOR 6 INCHES LONG IN FRONT OF BEARING AT PIER 1 CORROSION WITH 5/8 INCHES AVERAGE SECTION REMAINING.	3	1	1	Feet
☐ 107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	70		Feet
☐ 107	Corrosion	RIGHT BOTTOM FLANGE IS DOWN TO 3/8 inch FROM THE ORIGINAL THICKNESS FOR 12 inches LONG X FULL WIDTH STARTING AT THE END AT BENT 1. STEEL PLATE REPAIRS HAVE BEEN MADE IN THIS AREA SEE ADDITIONAL COMMENTS FOR PLATE SIZES.	2	1		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	154	154	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	OLD AREA OF CORROSION WITH SECTION LOSS HAS BEEN PAINTED OVER. FRECKLED RUST IS BLEEDING THROUGH THE NEW COATING.	2	6	6	Square Feet

General Comments

SPAN 1 BEAM 6 STEEL PLATE REPAIRS: (ALL PLATES ARE 0.375 inch THICK)
14 inches LONG X 5 inche WIDE PLATE WELDED TO THE LEFT HALF OF THE BOTTOM FLANGE AT 16 inches FROM THE FAR END.
14 inches LONG X 4 inches HIGH PLATE WELDED TO THE LEFT FACE OF THE WEB AT 16 inches FROM THE FAR END.
16 inches LONG X 5 inches WIDE PLATE WELDED TO THE RIGHT HALF OF THE BOTTOM FLANGE AT THE FAR END.

12 inches LONG X 4 inches HIGH PLATE WELDED TO THE RIGHT FACE OF THE WEB AT 4 inches FROM THE FAR END.
4 inche x 25 inches HIGH PLATE WELDED TO THE RIGHT FACE OF THE WEB AT THE FAR END.

Span 1 Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	2,726	2,686	0	40	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 510	Crack (Wearing Surface)	1/8 INCH TO 1/4 INCH WIDE TRANSVERSE CRACKS AT THE END BENT JOINT.	3	40	40	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	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 inch SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 inch SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Structure Number: 100392 Inspection Date: 08/28/2024

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	2	0	0	2	0	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	313	Corrosion	FRECKLED RUST PRESENT DUE TO LOSS OF PAINT.	2	1		Each
☐	515	Effectiveness (Steel Protective Coatings)	FRECKLED RUST PRESENT DUE TO LOSS OF PAINT.	3	2	2	Square Feet

General Comments

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 inch SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐	515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	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	2	0	0	2	0	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	313	Corrosion	FRECKLED RUST PRESENT DUE TO LOSS OF PAINT.	2	1		Each
☐	515	Effectiveness (Steel Protective Coatings)	FRECKLED RUST PRESENT DUE TO LOSS OF PAINT.	3	2	2	Square Feet

General Comments

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 inch SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	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	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	FRECKLED RUST PRESENT DUE TO LOSS OF PAINT.	2	1		Each
☐ 515	Effectiveness (Steel Protective Coatings)	FRECKLED RUST PRESENT DUE TO LOSS OF PAINT.	3	2	2	Square Feet

General Comments

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 inch SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	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	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	FRECKLED RUST PRESENT DUE TO LOSS OF PAINT.	2	1		Each
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	2	2	Square Feet

General Comments

Structure Number: 100392 Inspection Date: 08/28/2024

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	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	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square 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	79	0	76	3	0	Feet
515	Steel Protective Coating	819	661	0	152	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	LOSS OF PAINT ON BEAM END AT THE INTERIOR BENTS ALLOWING CORROSION WITH 0.0625" - 0.125" PITTING AND SCALE CORROSION TO THE BOTTOM FLANGE AND LOWER 2" OF THE WEB..	3	3	3	Feet
☐ 107	Corrosion	SCATTERED FRECKLED RUST FOR FULL LENGTH OF BOTTOM FLANGE.	2	76		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	6	6	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	152	152	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	79	-1	73	1	6	Feet
515	Steel Protective Coating	819	661	0	152	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	PRIORITY ACTION REQUEST At bent 1 bottom flange corrosion and section loss down to 11/16 inch remaining full width x 6 feet long. Web down to 7/16 inch remaining full height x 2 feet long. Stiffener plate down to 3/8 inch remaining 2 inches high x 3 inches long (PAR)	4	6	6	Feet
☐ 107	Corrosion	EAST FACE BOTTOM FLANGE IN FRONT OF BEARING AT PIER 1, CORROSION WITH 1/2 IN AVERAGE SECTION REMAINING FOR 8 IN LONG (PAR).	3	1	1	Feet
☐ 107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	73		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	6	6	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	152	152	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	79	1	71	1	6	Feet
515	Steel Protective Coating	819	661	0	152	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ 107	Corrosion	PRIORITY ACTION REQUEST At bent 1 bottom flange corrosion and section loss down to 3/4 inch remaining full width x 3 feet long. Web down to 7/16 inch remaining 10 inches high x 10 inches long (PAR)	4	3	3	Feet
☐ 107	Corrosion	PRIORITY ACTION REQUEST At bent 2 bottom left flange corrosion and section loss down to 1/2 inch remaining full width x up to 2.5 feet long. Web stiffener down to 1/2 inch remaining 1 inch high x 3 inches long. Web corrosion and section loss down to 3/8 inch remaining up to 4 inches high x 12 inches long (PAR)	4	3	3	Feet
☐ 107	Corrosion	WEST BOTTOM FLANGE AT PIER 2 FOR 1 FOOT LONG CORROSION WITH 5/8 INCH AVERAGE SECTION REMAINING.	3	1	1	Feet
☐ 107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	71		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	6	6	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	152	152	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	79	0	74	0	5	Feet
515	Steel Protective Coating	819	661	0	152	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	PRIORITY ACTION REQUEST At bent 1 bottom flange corrosion and section loss down to 5/8 inch remaining 16 inches long x full width. Web down to 9/16 inch remaining full height x 12 inches long (PAR)	4	2	2	Feet
☐ 107	Corrosion	PRIORITY ACTION REQUEST At bent 2 top web corrosion and section loss down to 3/8 inch remaining 2 inches x 12 inches. Lower web down to 1/2 inch remaining 2 inches x 33 inches long. Bottom flange down to 5/8 inch remaining 12 inches x full width. Left web stiffener down to 1/4 inch remaining 2 inches x 5 inches (PAR)	4	3	3	Feet
☐ 107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	74		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	6	6	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	152	152	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	79	2	76	1	0	Feet
515	Steel Protective Coating	819	661	0	152	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐	107	Corrosion	At bent 1 bottom flange corrosion and section loss down to 13/16 inch remaining 3 inches long x full width. Lower web section loss down to 9/16 inch remaining 2 inches high x 6 inches long	3	1	1	Feet
☐	107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	76		Feet
☑	107	Corrosion	Supplemental Inspection Impact Damage Span 2 Beam 5 Has Scattered Scrapes On Bottom Flange On The East Side For 2 Foot Located 15 Foot From Bent 1	2			Feet
☐	515	Effectiveness (Steel Protective Coatings)	failed protection	4	6	6	Square Feet
☐	515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	152	152	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	79	2	70	4	3	Feet
515	Steel Protective Coating	819	661	12	0	146	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	107	Corrosion	PRIORITY ACTION REQUEST At bent 2 web corrosion and section loss down to 7/16 inch remaining full height x 1 foot long (PAR)	4	1	1	Feet
☐	107	Corrosion	PRIORITY ACTION REQUEST At bent 2 web above bearing corrosion and section loss down to 7/16 inch remaining full height x 12 inches long then 3/8 inch remaining 4 inches x 2 feet long. Bottom flange section loss down to 5/8 inch remaining full width x 2 feet long . Left stiffener plate down to 1/2 inch remaining 2 inches high x 6 inches (PAR)	4	2	2	Feet
☐	107	Corrosion	RIGHT BOTTOM FLANGE IS DOWN TO 5/8 FROM THE ORIGINAL THICKNESS FOR 4 feet LONG X 3 inches TO 4 inches WIDE STARTING AT THE END AT BENT 1. THE WEB IS DOWN TO 3/8 inch FOR FULL HEIGHT ON THE END X 4 inches LONG AND FOR 12 inches LONG X 4 inches HIGH ALONG THE BASE. STEEL PLATE REPAIRS HAVE BEEN MADE IN THIS AREA. SEE ADDITIONAL COMMENTS FOR PLATE DIMENSIONS.	3	4	4	Feet
☑	107	Distortion	Supplemental Inspection Impact Damage, Span 2 Beam 6 Is Bowed Westward 9 Degrees Out Of Plumb For a Length Of 12 Foot That Begins 11.5 Foot From Bent 1. At The Point of Impact The Weld Connecting The Bottom Flange To The Bottom Stiffener Plate Is Broken For 30 Inches. The Point of Impact (Located 20.5 Foot From Bent 1) Also Has Two Gouges On The Bottom Flange. The First One Is 17 Inches Long X 1 Inch High X 3 Inch Deep. The Second One Is 6 Inch Long X 1/2 Inch High X 2 Inch Deep. (PAR)	3		12	Feet
☐	107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	70		Feet
☑	107	Corrosion	Supplemental Inspection Impact Damage 18 Foot Of Scattered Scrapes On Web On The East Side In The Point of Impact Area	2			Feet
☐	515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	4	146	146	Square Feet
☐	515	Effectiveness (Steel Protective Coatings)	BEAM ENDS AT INTERIOR BENTS HAVE BEEN REPAINTED FRECKLED RUST IS BLEEDING THROUGH THE NEW COATING.	2	12	12	Square Feet

General Comments

SPAN 2 BEAM 6 STEEL PLATE REPAIRS (ALL PLATES ARE 0.375 inches THICK)
44 inches LONG X 5 inches WIDE PLATE WELDED TO THE RIGHT HALF OF THE BOTTOM FLANGE BEGINNING AT THE NEAR END.
4 inches LONG X 25 inches HIGH PLATE WELDED TO THE RIGHT FACE OF THE WEB AT THE NEAR END.
44 inches LONG X 5 inches HIGH PLATE WELDED TO THE RIGHT FACE OF THE WEB AT THE BASE BEGINNING AT 4 inches FROM THE NEAR END.

Span 2 Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	58	53	0	5	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 301	Seal Damage	FALLING JOINT MATERIAL IN BAY 1 AT PIER 1.	3	5	5	Feet

General Comments

JOINT IS NOT VISIBLE DUE TO WEARING SURFACE.

Span 2 Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	2,760	2,720	0	40	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 510	Crack (Wearing Surface)	1/8 TO 1/4 INCH WIDE TRANSVERSE CRACK AT THE INTERIOR BENT JOINT.	3	40	40	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	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 2 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	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	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 inch SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	Failed protection	4	2	2	Square Feet

General Comments

Span 2 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	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	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Structure Number: 100392 Inspection Date: 08/28/2024

Span 2 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	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	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 2 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Structure Number: 100392 Inspection Date: 08/28/2024

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	2	0	0	0	2	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	313	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐	515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 2 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐	515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	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	2	0	0	0	2	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	313	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐	515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 2 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐	515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square 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	71	0	68	3	0	Feet
515	Steel Protective Coating	721	579	0	136	6	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	107	Corrosion	At bent 3 bottom flange corrosion/ scale with no section loss full width x 2 feet long. Web section loss down to 11/16 inch remaining full height x 12 inches long	3	2	2	Feet
☐	107	Corrosion	Upper web at bent 2 corrosion and section loss down to 5/8 inch remaining 3 inches high x 6 inches long	3	1	1	Feet
☐	107	Damage	Concrete end diaphragm at left overhang spall ith exposed rebat 10 inches x 5 inches x 1/2 inch deep	3			Feet
☐	107	Corrosion	SCATTERED FRECKLED RUST FOR FULL LENGTH OF BOTTOM FLANGE.	2	68		Feet
☐	515	Effectiveness (Steel Protective Coatings)	failed protection	4	6	6	Square Feet
☐	515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	136	136	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	71	0	64	0	7	Feet
515	Steel Protective Coating	721	579	0	136	6	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	107	Corrosion	PRIORITY ACTION REQUEST At bent 2 bottom flange corrosion and section loss down to 15/16 inch remaining full width x 7 feet long. Web at end down to 9/16 inch remaining 14 inches high x 12 inches long. Web Stiffener down to 9/16 inch remaining 2 inches high x 5 inches long (PAR)	4	7	7	Feet
☐	107	Corrosion	FULL LENGTH SCATTERED SURFACE CORROSION WITH NO MEASURABLE SECTION LOSS	2	64		Feet

☐	515	Effectiveness (Steel Protective Coatings)	failed protection	4	6	6	Square Feet
☐	515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	136	136	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	71	2	66	3	0	Feet
515	Steel Protective Coating	721	579	0	136	6	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	107	Corrosion	At bent 2 top left web corrosion and section loss down to 5/8 inch remaining 12 inches long x 6 inches high	3	1	1	Feet
☐	107	Corrosion	At bent 3 corrosion with no section loss in bottom flange full width x 2 feet long. Web section loss down to 11/16 inch remaning full height x 7 inches long	3	2	2	Feet
☐	107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	66		Feet
☐	515	Effectiveness (Steel Protective Coatings)	failed protection	4	6	6	Square Feet
☐	515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	136	136	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	71	0	67	0	4	Feet
515	Steel Protective Coating	721	579	0	136	6	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	107	Corrosion	PRIORITY ACTION REQUEST At bent 3 bottom flange at beam end corrosion and section loss down to 15/16 inch remaining full width x 6 inches long. Web secton loss down to 9/16 inch remaining full height x 12 inches long (PAR)	4	1	1	Feet
☐	107	Corrosion	PRIORITY ACTION REQUEST Bottom left flange at bent 2 corrosion and section loss down to 3/4 inch remaining full width x 3 feet long. Web down to 5/8 inch remaining full height x 2 feet long. Web stiffener down to 7/16 inch remaining 2 inches high x 8 inches long (PAR)	4	3	3	Feet
☐	107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	67		Feet
☐	515	Effectiveness (Steel Protective Coatings)	failed protection	4	6	6	Square Feet
☐	515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	136	136	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	71	0	68	0	3	Feet
515	Steel Protective Coating	721	579	0	136	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	PRIORITY ACTION REQUEST At bent 3 bottom flange corrosion and section loss down to 15/16 inch remaining full width x 3 feet long. Upper web section loss down to 9/16 inch remaining 5 inches high x 12 inches long (PAR)	4	3	3	Feet
☐ 107	Damage	Concrete end diaphragm at bent 3 spall with exposed rebar 30 inches long x 5 inches high x 1 inch deep	3			Feet
☐ 107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	68		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	6	6	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	136	136	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	71	0	58	0	13	Feet
515	Steel Protective Coating	721	579	0	130	12	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	PRIORITY ACTION REQUEST At Bent 2 RIGHT BOTTOM FLANGE corrosion and section loss down to 11/16 inch remaining FOR full width x 8 feet long. WEB stiffener IS DOWN TO 11/16 inch FOR 2 inches high x 7 inches long. Web down to 1/2 inch remaining up to 9 inches high x 8 feet long (PAR)	4	8	8	Feet
☐ 107	Corrosion	PRIORITY ACTION REQUEST At bent 3 RIGHT BOTTOM FLANGE IS DOWN TO 1/2 inch remaining full width x 18 inches long. Web down to 9/16 inch remaining up to full height x 5 feet long (PAR).	4	5	5	Feet
☐ 107	Damage	Concrete diaphragm ar right overhang delamination up to 14 inches x 5 inches x 18 inches with cracking up to 1/8 inch wide	3			Feet
☐ 107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	58		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	12	12	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	130	130	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	2,473	2,431	2	40	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 510	Crack (Wearing Surface)	1/8 TO 1/4 INCH WIDE TRANSVERSE CRACK AT BENT 2 JOINT.	3	40	40	Square Feet
☐ 510	Crack (Wearing Surface)	5 feet from bent 2 map cracking up to 1/32 inch wide	2	2	2	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	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 3 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	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	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ 313	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 3 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	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	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 3 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

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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	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 3 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	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	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 3 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	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	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 3 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Structure Number: 100392 Inspection Date: 08/28/2024

Span 4 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	0	56	3	0	Feet
515	Steel Protective Coating	605	487	0	112	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	At bent 3 bottom flange corrosion / scale with no section loss full width x 2 feet long. Web section loss 11/16 inch remaining full height x 3 inches high x 3 feet long	3	3	3	Feet
☐ 107	Corrosion	SCATTERED FRECKLED RUST FOR FULL LENGTH OF BOTTOM FLANGE.	2	56		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	6	6	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	112	112	Square Feet

General Comments

Span 4 Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	0	57	0	2	Feet
515	Steel Protective Coating	605	487	0	114	4	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	PRIORITY ACTION REQUEST At bent 3 bottom flange corrosion and section loss down to 13/16 inch remaining full width x 2 feet long. Web section loss down to 5/8 inch remaining full height x 13 inches long (PAR)	4	2	2	Feet
☐ 107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST	2	57		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	4	4	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	114	114	Square Feet

General Comments

Span 4 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	0	57	2	0	Feet
515	Steel Protective Coating	605	487	0	114	4	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	At bent 3 corrosion with no section loss bottom flange full width x2 feet long. Web section loss down to 11/16 inch remaining full height x 7 inches long	3	2	2	Feet
☐ 107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	57		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	4	4	Square Feet

☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	114	114	Square Feet

General Comments

Span 4 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	0	56	2	1	Feet
515	Steel Protective Coating	605	487	0	114	4	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	PRIORITY ACTION REQUEST At bent 3 bottom flange at beam end corrosion and section loss down to 15/16 inch remaining full width x 2 inches long. Web section loss down to 1/2 inch remaining full height x 10 inches long (PAR)	4	1	1	Feet
☐ 107	Corrosion	LOSS OF PAINT ON BEAM END AT THE INTERIOR BENT ALLOWING CORROSION WITH PITTING AND SCALE CORROSION DOWN TO 1 INCH REMAINING TO THE BOTTOM FLANGE AND DOWN TO 11/16 IN LOWER 2 INCHES OF THE WEB.	3	2	2	Feet
☐ 107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	56		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	4	4	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	114	114	Square Feet

General Comments

Span 4 Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	0	57	2	0	Feet
515	Steel Protective Coating	605	487	0	114	4	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	LOSS OF PAINT ON BEAM END AT THE INTERIOR BENT ALLOWING CORROSION WITH PITTING AND SCALE CORROSION DOWN TO 1 INCH REMAINING TO THE BOTTOM FLANGE AND DOWN TO 11/16 IN LOWER 2 INCHES OF THE WEB.	3	2	2	Feet
☐ 107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	57		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	4	4	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	114	114	Square Feet

General Comments

Span 4 Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	59	0	43	4	12	Feet
515	Steel Protective Coating	605	487	0	110	8	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 107	Corrosion	PRIORITY ACTION REQUEST At bent 3 web corrosion and section loss down to 1/2 inch remaining up to full height x 12 feet long. Bottom flange section loss down to 15/16 inch remaining full width x 12 feet long (PAR)	4	12	12	Feet
☐ 107	Damage	PRIORTIY ACTION REQUEST END DIAPHRAGM EAST FACE AT BENT 3 1 FOOT DIAMETER X 7 INCHES DEEP SPALL WITH EXPOSED REBAR. NO MEASURABLE SECTION LOSS. (PAR)	4			Feet
☐ 107	Corrosion	0.125" PITTING AND SCALE LOSS AT THE NEAR END OF THE BEAM HAS BEEN PAINTED OVER.	3	4	4	Feet
☐ 107	Corrosion	FULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.	2	43		Feet
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	8	8	Square Feet
☐ 515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING FRECKLED RUST.	3	110	110	Square Feet

General Comments

Span 4 Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	2,104	2,024	0	80	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 510	Crack (Wearing Surface)	1/8 TO 1/4 INCH WIDE TRANSVERSE CRACKS AT END BENT 2 JOINT.	3	80	80	Square Feet

General Comments

Span 4 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Structure Number: 100392 Inspection Date: 08/28/2024

Span 4 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	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 4 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 4 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	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	FRECKLED RUST PRESENT DUE TO LOSS OF PAINT.	2	1		Each
☐ 515	Effectiveness (Steel Protective Coatings)	FRECKLED RUST PRESENT DUE TO LOSS OF PAINT.	3	2	2	Square Feet

General Comments

Structure Number: 100392 Inspection Date: 08/28/2024

Span 4 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐	515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 4 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	2	0	0	2	0	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	313	Corrosion	FRECKLED RUST PRESENT DUE TO LOSS OF PAINT.	2	1		Each
☐	515	Effectiveness (Steel Protective Coatings)	FRECKLED RUST PRESENT DUE TO LOSS OF PAINT.	3	2	2	Square Feet

General Comments

Span 4 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

	Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐	311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐	515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Structure Number: 100392 Inspection Date: 08/28/2024

Span 4 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	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	FRECKLED RUST PRESENT DUE TO LOSS OF PAINT.	2	1		Each
☐ 515	Effectiveness (Steel Protective Coatings)	FRECKLED RUST PRESENT DUE TO LOSS OF PAINT.	3	2	2	Square Feet

General Comments

Span 4 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 4 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	2	0	0	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	FRECKLED RUST PRESENT DUE TO LOSS OF PAINT.	2	1		Each
☐ 515	Effectiveness (Steel Protective Coatings)	FRECKLED RUST PRESENT DUE TO LOSS OF PAINT.	3	2	2	Square Feet

General Comments

Span 4 Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	0	1	0	Each
515	Steel Protective Coating	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

☐ 311	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

Span 4 — 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	2	0	0	0	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 313	Corrosion	LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING.	3	1	1	Each
☐ 515	Effectiveness (Steel Protective Coatings)	failed protection	4	2	2	Square Feet

General Comments

End Bent 1 — End 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	75	71	0	4	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 234	Delamination/Spall	PRIORITY ACTION REQUEST North face at bent 3 spall with exposed rebar 3.25 feet long x 1 foot high x 1 inch deep (PAR)	3	4	4	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	59	-5	0	25	39	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 234	Cracking (RC and Other)	PRIORITY ACTION REQUEST NORTH FACE UNDER BAYS 1 THROUGH 3 DELAMINATION / SPALL with exposed rebar UP TO 23 FEET LONG AND CRACKS UP TO 1/4 INCH WIDE WITH RUST STAINING AND HEAVY EFFLORESCENCE FOR FULL HEIGHT THAT EXTEND INTO TOP FOR 6 INCHES WIDE. SPALL located under beam 3 bearing 5 feet long x up to 2 feet high x up to 3 inches deep (PAR)	4	23	23	Feet

Structure Number: 100392 Inspection Date: 08/28/2024

☐ 234	Delamination/Spall	PRIORITY ACTION REQUEST At top SOUTH FACE BAY 3 below beam 3 extending into bay 2 delamination / spall with exposed steel up 10 feet long x up to 12 inches wide on top up to 14 inches high with cracking up to 1/4 inch wide with rust staining and surface effloresence. Unsound concrete under bearings for beam 3 (PAR)	4	10	10	Feet
☐ 234	Delamination/Spall	PRIORITY ACTION REQUEST RIGHT END OF SOUTH FACE HAS MULTIPLE HORIZONTAL CRACKS WITH RUST STAINING AND A 2 FOOT WIDE X 2.5 FEET HIGH X 1 INCH DEEP SPALL WITH EXPOSED REBAR BEGINNING AT THE BASE UNDER BEAM 6. CONCRETE IN THIS AREA IS ALSO DELAMINATED. APPROXIMATELY 90 percent SECTION REMAINS IN EXPOSED REINFORCEMENT (PAR).	4	6	6	Feet
☐ 234	Cracking (RC and Other)	PRIORITY ACTION REQUEST Between columns 2 and 3 North face at bottom face and north corner delamination up to 8 feet log x 1 foot high x 10 inches wide with cracking up to 1/8 inch wide with rust staining (PAR)	3	8	8	Feet
☐ 234	Delamination/Spall	1 FOOT DIAMETER DELAMINATION UNDER PILE BAY 3 NEAR PILE 4. SIMILAR DELAMINATION UNDER BEAM 6 NORTH FACE.	3		1	Feet
☐ 234	Delamination/Spall	1 FOOT LONG X 6 INCH HIGH DELAMINATION SOUTH FACE UNDER BEAM 1.	3	1	1	Feet
☐ 234	Delamination/Spall	3 FT LONG X 6 IN HIGH DELAMINATION AT BOTTOM OF SOUTH FACE UNDER BEAM 2. SIMILAR DELAMINATIONS AT BEAMS 3 AND 4.	3	1	1	Feet
☐ 234	Delamination/Spall	BAY 3 AT PILE 3 SPALL WITH EXPOSED REBAR / delamination MEASURING APPROXIMATELY 8 FEET LONG X UP TO 12 INCHES HIGH X 1 INCH DEEP. NO MEASURABLE SECTION LOSS.	3	2	2	Feet
☐ 234	Delamination/Spall	North face at bottom corner between columns 1 and 2 delamination 6 inches wide x 12 inches high x 4 feet long with cracking up to 1/16 inch wide with surface efflorescence and rust stains	3	4	4	Feet
☐ 234	Delamination/Spall	SOUTH FACE AT BEAM 5, DELAMINATION AT TOP AND BOTTOM FOR 2 FT LONG X 6 IN HIGH.	3	1	1	Feet
☐ 234	Delamination/Spall	SOUTH FACE BAY 2 10 FEET LONG X 1 FOOT HIGH DELAMINATION WITH UP TO 1/4 INCH WIDE CRACKING AND RUST STAINING.	3		10	Feet
☐ 234	Delamination/Spall	SOUTH FACE BAY 4 SPALL/DELAMINATION WITH EXPOSED REBAR MEASURING 3 FEET LONG X 1 FOOT HIGH X 2 INCHES DEEP. APPROXIMATELY 95 PERCENT SECTION REMAINS IN EXPOSED REINFORCEMENT.	3	3	3	Feet
☐ 234	Delamination/Spall	SOUTH FACE BAY 4, 3 FT LONG X 6 IN HIGH DELAMINATION WITH 1/16 IN WIDE CRACKING WITH RUST AND EFFLORESCENCE STAINING.	3	3	3	Feet
☐ 234	Delamination/Spall	SOUTH FACE BAY 5 4 FEET LONG X 1 FOOT HIGH DELAMINATION WITH 1/32 INCH WIDE CRACKING AND RUST STAINING.	3	2	4	Feet
☐ 234	Cracking (RC and Other)	North face left side of column 2 at bottom corner horizontal cracking up to 1/32 inch wide x 4 feet long	2			Feet

General Comments

Structure Number: 100392 Inspection Date: 08/28/2024

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	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 205	Efflorescence/Rust Staining	Southeast face at top vertical cracking up to 1/32 inch wide with surface efflorescence and rust staining 18 inches long.	3	1	2	Each
☐ 205	Cracking (RC and Other)	Northeast corner vertical cracking at top up to 1/32 inch wide x 6 feet high	2			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	Cracking (RC and Other)	UP TO 3 FEET HIGH X 6 INCHES WIDE DELAMINATION AT ALL FOUR CORNERS WITH 1/4 INCH WIDE VERTICAL CRACKS.	3	1	3	Each

General Comments

Bent 1 Pile 3

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 face vertical cracking up to 1/16 inch wide with rust staining extending 2 feet under cap	3	1	2	Each

General Comments

End Bent 1 Abutment

Reinforced Concrete Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	90	89	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 215	Cracking (RC and Other)	1/8 INCH WIDE X 4 INCH LONG DIAGONAL CRACK AT BEAM 5 BEARING.	3	1	1	Feet

General Comments

Structure Number: 100392 Inspection Date: 08/28/2024

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	49	0	0	43	6	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 234	Cracking (RC and Other)	PRIORITY ACTION REQUEST North face at bottom in bay 3 delamination up to 3 feet long x 1 foot high with cracking up to 1/8 inch wide with efflorescence and rust staining (PAR)	4	3	3	Feet
☐ 234	Cracking (RC and Other)	PRIORITY ACTION REQUEST South top face below beam 3 horizontal cracking up to 1/8 inch x 30 inches long with delamination 30 inches x 5 inches x 5 inches (PAR)	4	3	3	Feet
☐ 234	Cracking (RC and Other)	East face at right end at bottom horizontal cracking up to 1/16 inch wide x full width of cap with surface efflorescence.	3	1	1	Feet
☐ 234	Cracking (RC and Other)	North face at bottom corner in bay 1 horizontal cracking up to 1/16 inch wide x 30 inches long	3		3	Feet
☐ 234	Delamination/Spall	BOTTOM PILE BAY 3 2 FEET DIAMETER X 1 INCH DEEP DELAMINATION/SPALL.	3	2	2	Feet
☐ 234	Delamination/Spall	North face at bottom corner delamination / spall with no exposed steel 3 feet long x 7 inches high x 20 inches wide	3	2	3	Feet
☐ 234	Delamination/Spall	SOUTH FACE BAY 1 DELAMINATION AND 1/16 INCH WIDE RANDOM CRACKING WITH RUST AND EFFLORESCENCE STAINING THROUGHOUT FACE FOR UP TO 6 FEET LONG.	3	6	6	Feet
☐ 234	Delamination/Spall	SOUTH FACE BAY 5 AT TOP AND BOTTOM DELAMINATION FOR 6 FEET LONG X UP TO 1 FOOT HIGH.	3	6	6	Feet
☐ 234	Delamination/Spall	SOUTH FACE UNDER BEAM 5 DELAMINATION MEASURING 2 FEET LONG X 1 FOOT HIGH.	3	2	2	Feet
☐ 234	Efflorescence/Rust Staining	North face at bottom below beam 6 horizontal cracking up to 1/32 inch wide x 3 feet long with rust staining	3		3	Feet
☐ 234	Efflorescence/Rust Staining	PRIORITY ACTION REQUEST North face beginning at beam 2 delamination at north top corner and bottom 2 inches wide x up to 2 feet high x 20 feet long. With cracking up to 1/4 inch wide with rust staining. (PAR)	3	20	20	Feet
☐ 234	Efflorescence/Rust Staining	UNDER BAY 4 CAP UNDERSIDE 4 FEET LONG X 1/16 INCH WIDE HORIZONTAL CRACK WITH HEAVY RUST STAINING.	3	4	4	Feet
☐ 234	Cracking (RC and Other)	HAIRLINE RANDOM CRACKING AT ISOLATED LOCATIONS.	2			Feet

General Comments

Bent 2 Pile 1

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 205	Cracking (RC and Other)	VERTICAL CRACKING 1/8 INCH WIDE ON BOTH FACES AT THE NW CORNER FOR 8 FEET LONG.	3	1	8	Each

General Comments

Bent 2 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	Cracking (RC and Other)	VERTICAL CRACKING ON BOTH FACES AT THE SOUTHEAST AND NORTHEAST CORNERS FOR 8 FEET LONG X 1/16 INCH WIDE.	3	1	8	Each

General Comments

Bent 2 Pile 3

Reinforced Concrete Column

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
205	Reinforced Concrete Column	1	-1	0	2	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 205	Cracking (RC and Other)	Northeast corner 3 feet from bottom cap delamination 4 feet high x 5 inches x 2 inches with cracking up to 1/16 inch wide	3		4	Each
☐ 205	Cracking (RC and Other)	Northwest face 4 feet from bottom of cap delamination 3 inches x 2 inches x 1.5 feet high with cracking up to 1/16 inch wide	3		1	Each
☐ 205	Cracking (RC and Other)	Southwest face vertical cracking up to 1/4 inch wide x 12 feet high and delamination	3	1	12	Each
☐ 205	Cracking (RC and Other)	VERTICAL CRACKING AT ALL FOUR CORNERS FOR FULL HEIGHT X 1/8 INCH WIDE WITH RUST STAINING AND DELAMINATION.	3	1	1	Each

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)	VERTICAL CRACKING ON BOTH FACES AT THE NORTHWEST AND NORTHEAST CORNERS FOR 8 FEET LONG X 1/8 INCH WIDE. THERE IS RUST STAINS ALONG THE CRACK AT THE NE CORNER. BOTH AREAS OF DELAMINATED.	3	1	8	Each
☐ 205	Delamination/Spall	TOP AT NORTHEAST CORNER 6 INCH DIAMETER X 1.5 INCH DEEP SPALL.	3		1	Each

General Comments

End 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	60	43	5	12	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 234	Delamination/Spall	EAST FACE BEAM 3 10 INCHES LONG X 6 INCHES HIGH X 1/4 INCH DEEP SPALL.	3	1	1	Feet
☐ 234	Efflorescence/Rust Staining	BAY 4 FACE AND TOP 6 FEET LONG X 1 FOOT HIGH DELAMINATION WITH 1/16 INCH WIDE CRACKING AND RUST STAINING.	3	6	6	Feet
☐ 234	Patched Area	SPALLING AT THE RIGHT END OF THE CAP HAS A FAILED PATCHED.	3	5	5	Feet
☐ 234	Patched Area	BAY 5 FACE 5 FEET LONG X 1 FOOT HIGH SOUND REPAIR AND 10 INCHES LONG GROUT PATCH AT TOP.	2	5		Feet

General Comments

Bent 3 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	49	0	6	14	29	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
☐ 234	Delamination/Spall	PRIOIRYTY ACTION REQUEST NORTH FACE UNDER BAYS 3 THROUGH 5 DELAMINATION AND CRACKING UP TO 1/8 INch WIDE WITH RUST STAINING AND AREAS OF SPALLS WITH EXPOSED REBAR MEASURING UP TO 6 INCHES DIAMETER X 1 INCH DEEP WITH 95 PERCENT SECTION REMAINING. DELAMINATION AND CRACKING EXTENDS INTO TOP OF CAP FOR 1 FOOT LONG. TYPICAL IN SOUTH FACE BAY 3. (PAR)	4	20	20	Feet
☐ 234	Delamination/Spall	PRIORITY ACTION REQUEST South face in bay 3 top corner spall with exposed rebar / delamination. Spall 2 feet long x 8 inches high x 3 inches deep. Delamination 23 inches high x 12 inches wide x 8.5 feet long with cracking up to 1/4 inch wide with rust staining (PAR)	4	9	9	Feet
☐ 234	Cracking (RC and Other)	1/16 INCH WIDE HORIZONTAL CRACKING WITH RUST STAINING BOTTOM OF PILE BAY 2.	3	4	4	Feet
☐ 234	Cracking (RC and Other)	NORTH FACE BAY 1 AT BOTTOM 4 FEET LONG X 1/16 INCH WIDE HORIZONTAL CRACK.	3	4	4	Feet
☐ 234	Cracking (RC and Other)	South face in bay 5 at bottom horizontal cracking up to 1/8 inch wide x 6 feet long with rust staining	3		6	Feet
☐ 234	Exposed Rebar	EAST FACE OF BUILD UP AT BEAM 2 FOUR (4) DELAMINATIONS/SPALLS WITH EXPOSED REBAR MEASURING UP TO 6 INCHES DIAMETER X 1 INCH DEEP. 95 PERCENT SECTION REMAINS IN EXPOSED REINFORCEMENT.	3	5	5	Feet
☐ 234	Exposed Rebar	NORTH FACE UNDER BEAM 1 SPALL/DELAMINATION WITH EXPOSED REBAR MEASURING 1 FOOT DIAMETER X 1.5 INCH DEEP. APPROXIMATELY 95 PERCENT SECTION REMAINS IN EXPOSED REINFORCEMENT.	3	1	1	Feet
☐ 234	Delamination/Spall	North Face at top corner delamination / spall with no exposed steel (10 inches x 6 inches x 1 inch deep). Delamination (5 feet x 8 inches x 1 foot) with cracking up to 1/16 inch wide with surface efflorescence and rust stains	2		5	Feet

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☐ 234	Patched Area	SOUTH FACE BAY 5 SOUND REPAIR AT TOP FOR 6 FEET LONG X 1 FOOT HIGH.	2	6	Feet

General Comments

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	3469
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	79
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	79
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	79
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	79
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	79
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	79
Span 2	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	77
Span 2	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	77
Span 2	Expansion Joint	Standard Joint	Pourable Joint Seal	58
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	2760
Span 2	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Movable Bearing	Movable Bearing	1

General Inspection Notes

Bent 1 Pile 1

END BENT PILES ARE NOT VISIBLE.

Bent 2 Pile 1

END BENT PILES ARE NOT VISIBLE.

Span 1 Deck

AREAS OF EXPOSED REBAR WITH NO MEASURABLE SECTION LOSS SCATTERED ALONG MEDIAN MEASURING UP TO 1.5 FEET WIDE X 6 INCHES LONG X 1/2 INCH DEEP (APPROX. 6 SQUARE FEET)

Span 3 Expansion Joint

JOINT IS NOT VISIBLE DUE TO WEARING SURFACE.

Span 4 Deck

MEDIAN AT ABUTMENT 2 FAILED ASPHALT PATCH FOR 10 FEET LONG WITH SPALL UP TO 1 INCH DEEP.

Span 4 Expansion Joint

JOINT IS NOT VISIBLE DUE TO WEARING SURFACE.

National Bridge and NC Inspection Items

Structure Number: 100392 Inspection Date: 08/28/2024

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	7
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	G	0	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C			
Scour	G, F, P, or C			
Wingwall	G, F, P, or C			
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	N
Priority Maintenance Request Submitted	YES/NO	Y
Inspection Time	Hours	4
Traffic Control Time	Hours	4
Snooper Time	Hours	0
Ladder, Drone, or Camera Pole 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: 100392 Inspection Date: 08/28/2024

Item	NCDOT Deck - Item 58	Grade 7	Maint Code	Qty. 0
Details	GRADE TAKEN FROM 01/18/2023 REPORT			

Item	NCDOT Superstructure - Item 59	Grade 4	Maint Code	Qty. 0
Details	Supplemental Inspection Impact Damage, Span 2 Beam 6, No Change To Grade At This Time			

Item	NCDOT Substructure - Item 60	Grade 4	Maint Code	Qty. 0
Details	GRADE TAKEN FROM 01/18/2023 REPORT			

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

OUT OF PLUMB Span 2 Beam 6: Supplemental Inspection Impact Damage, Span 2 Beam 6 Is Bowed Westward 9 Degrees Out Of Plumb For a Length Of 12 Foot That Begins 11.5 Foot From Bent 1. At The Point of Impact The Weld Connecting The Bottom Flange To The Bottom Stiffener Plate Is Broken For 30 Inches. The Point of Impact (Located 20.5 Foot From Bent 1) Also Has Two Gouges On The Bottom Flange. The First One Is 17 Inches Long X 1 Inch High X 3 Inch Deep. The Second One Is 6 Inch Long X 1/2 Inch High X 2 Inch Deep. (PAR)

Span 2 Beam 6: Supplemental Inspection Impact Damage, Span 2 Beam 6 Is Bowed Westward 9 Degrees Out Of Plumb For a Length Of 12 Foot That Begins 11.5 Foot From Bent 1. At The Point of Impact The Weld Connecting The Bottom Flange To The Bottom Stiffener Plate Is Broken For 30 Inches. The Point of Impact (Located 20.5 Foot From Bent 1) Also Has Two Gouges On The Bottom Flange. The First One Is 17 Inches Long X 1 Inch High X 3 Inch Deep. The Second One Is 6 Inch Long X 1/2 Inch High X 2 Inch Deep. (PAR)

Span 2 Beam 6: Supplemental Inspection Impact Damage, Span 2 Beam 6 Is Bowed Westward 9 Degrees Out Of Plumb For a Length Of 12 Foot That Begins 11.5 Foot From Bent 1. At The Point of Impact The Weld Connecting The Bottom Flange To The Bottom Stiffener Plate Is Broken For 30 Inches. The Point of Impact (Located 20.5 Foot From Bent 1) Also Has Two Gouges On The Bottom Flange. The First One Is 17 Inches Long X 1 Inch High X 3 Inch Deep. The Second One Is 6 Inch Long X 1/2 Inch High X 2 Inch Deep. (PAR)

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GOUGE TWO Span 2 Beam 6: Supplemental Inspection Impact Damage, Span 2 Beam 6 Is Bowed Westward 9 Degrees Out Of Plumb For a Length Of 12 Foot That Begins 11.5 Foot From Bent 1. At The Point of Impact The Weld Connecting The Bottom Flange To The Bottom Stiffener Plate Is Broken For 30 Inches. The Point of Impact (Located 20.5 Foot From Bent 1) Also Has Two Gouges On The Bottom Flange. The First One Is 17 Inches Long X 1 Inch High X 3 Inch Deep. The Second One Is 6 Inch Long X 1/2 Inch High X 2 Inch Deep. (PAR)

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Span 2 Beam 6: Supplemental Inspection Impact Damage 18 Foot Of Scattered Scrapes On Web On The East Side In The Point of Impact Area

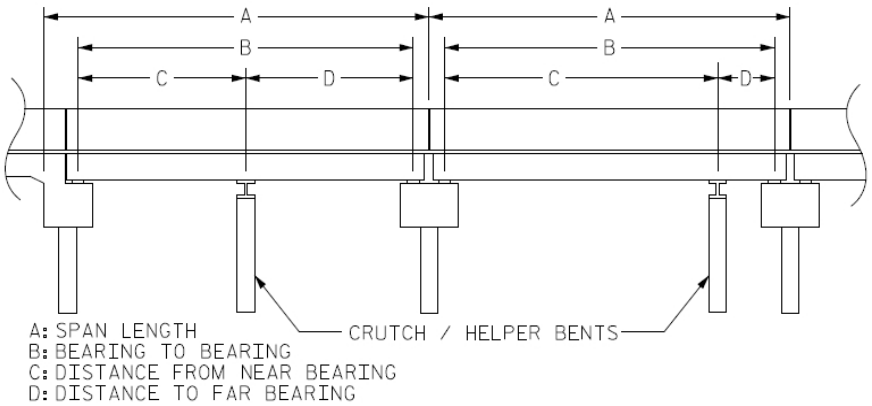
Span 2 Beam 6: Supplemental Inspection Impact Damage 18 Foot Of Scattered Scrapes On Web On The East Side In The Point of Impact Area

Span 2 Beam 5: Supplemental Inspection Impact Damage Span 2 Beam 5 Has Scattered Scrapes On Bottom Flange On The East Side For 2 Foot Located 15 Foot From Bent 1

Structure Data Worksheet

Span Profile

County: BUNCOMBE Structure Number: 100392



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	75.700	74.667			
2	76.660	75.667			
3	68.690	67.667			
4	58.420	57.417			

Structure Number: 100392 Span: 2 Route Name: I 26 W

Looking West

Route Number: 11000260	Route Name: I 26 W			Reference Feature: H
Minimum Vertical Clearance 14.300 feet	Maximum Minimum Vertical Clearance 14.600 feet			
Total Horizontal Clearance 43.200 feet	Lateral Clearances: Left: 17.600 feet Right 9.200 feet			
☑ Base Highway Network	LRS Inventory Route, Sub Route Number 10026			
Milepost: 18.000	Number of Lanes: 2	ADT: 17000	Year of ADT: 2015	Percentage of Trucks: 12
☑ National Highway System	☐ STRAHNET Highway Designator			
Functional Classification 12	Local Principal Arterial - Other	Direction of Traffic: 1	1 - way traffic	

Bridge Inspection Field Sketch

Left Lanes			
Roadway	12.00ft Wide	1 Paved Lanes	South Bound
Right Shoulder	4.00ft Wide	4.00ft Paved	0.00
Left Shoulder	2.00ft Wide	2.00ft Paved	0.00
Right Guardrail	4ft from road		
Left Guardrail			
Median	4.00ft Wide	0.5ft High	
Right Lanes			
Roadway	12.00ft Wide	1 Paved Lanes	North Bound
Left Shoulder	2.00ft Wide	2.00ft Paved	0.00
Right Shoulder	4.00ft Wide	4.00ft Paved	0.00
Left Guardrail			
Right Guardrail			

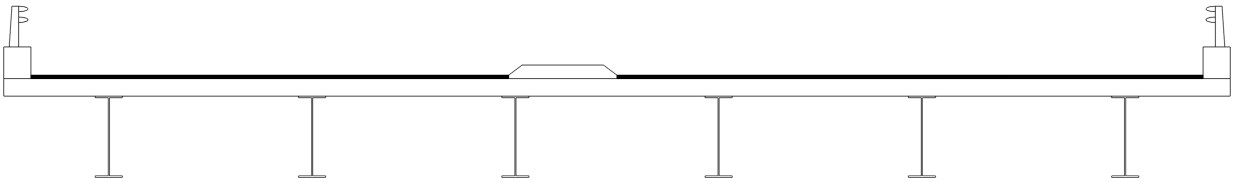
MEASUREMENTS VERIFIED BY SLC 01/18/2023
MEASUREMENTS TAKEN 20' SOUTH OF BRIDGE

Title	Description
APPROACH ROADWAY	APPROACH ROADWAY

Structure No:	Drawn By:	Date:	Filename:
100392	SLC	1/6/2023	S001122000168.wes

Bridge Inspection Field Sketch

Deck Width/Out to Out	45.25ft	Between Rails			43.25ft
Clear Roadway	40.00ft*	Wearing Surface			3.00in*
Median Width	4.00ft	Median Height			0.333ft
Curb Height		Left	7.50in*	Right	7.50in*
Sidewalk Width		Left		Right	
Clear Roadway (Rail to Median)		Left	18.00ft	Right	18.00ft
Guardrail Width		Left	12.00in	Right	12.00in
Top of Rail to Deck/Wearing Surface		Left	3.417ft	Right	3.417ft
Bridge Rail Type		Left	Type 9	Right	Type 9



Measurements for Span #	1	ALL SPANS SIMILAR	
Deck Thickness	7.75in	Left Overhang	3.875ft
Top of Rail to Bottom of Beam (Avg)	7.08ft	Right Overhang	3.875ft

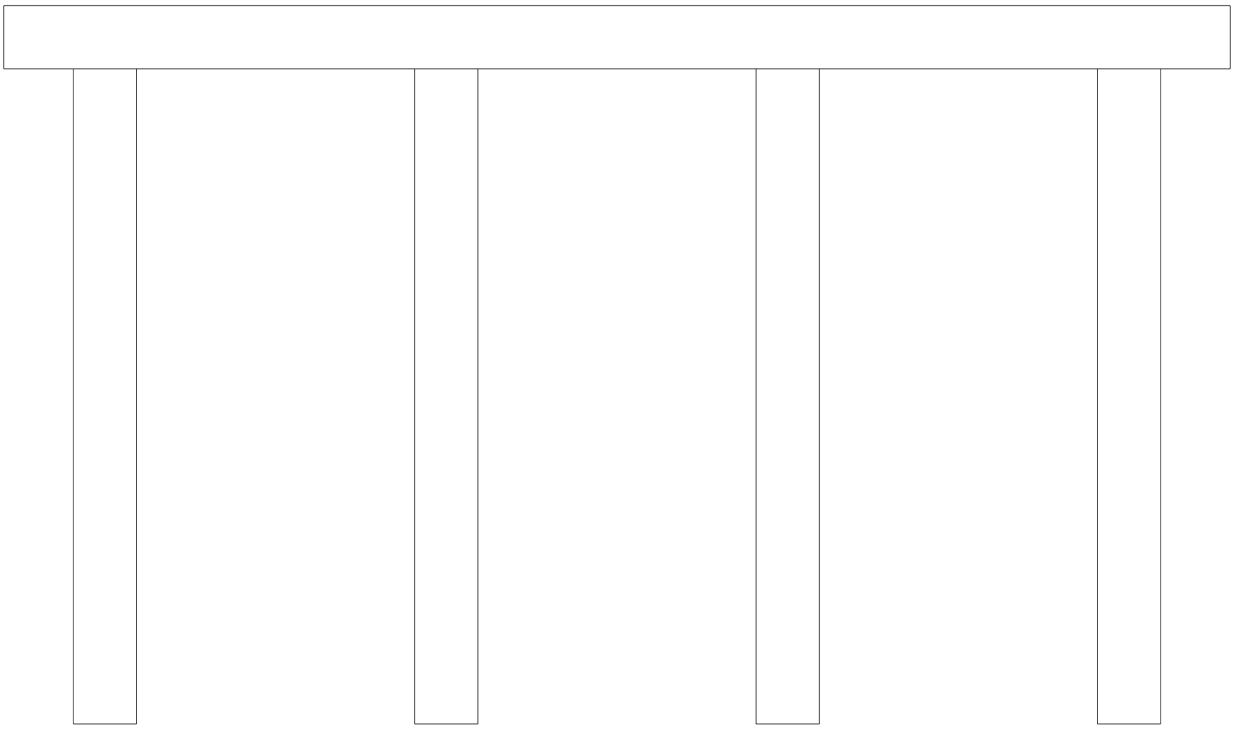
Beam #	Beam Type	Width	Height	Spacing	From
1	Plate Girder	12.00in	35.60in	3.875ft	Left Edge of Deck
2	Plate Girder	12.00in	35.60in	7.50ft	Beam 1
3	Plate Girder	12.00in	35.60in	7.50ft	Beam 2
4	Plate Girder	12.00in	35.60in	7.50ft	Beam 3
5	Plate Girder	12.00in	35.60in	7.50ft	Beam 4
6	Plate Girder	12.00in	35.60in	7.50ft	Beam 5

MEASUREMENTS REVISED BY SLC 01/18/2023
REINFORCED CONCRETE FLOOR ON I-BEAMS
*DENOTES CHANGES WERE MADE
END BENTS RC CAP AND STEEL PILES

Title	Description
TYPICAL SECTION	SUPERSTRUCTURE

Structure No:	Drawn By:	Date:	Filename:
100392	SLC	1/6/2023	S001122000169.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	59.00ft*	33.00in	30.00in	1.833ft	1.833ft

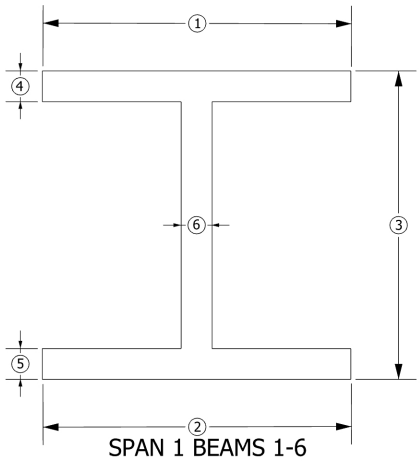
Piles							
#	Name	Type	Spacing	From	Height/Diam.	Width	Length
1	Pile 1	Reinforced Concrete Column	4.25ft*	Left End of Bent	30.00in	33.00in	
2	Pile 2	Reinforced Concrete Column	16.83ft*	Pile 1	30.00in	33.00in	
3	Pile 3	Reinforced Concrete Column	16.83ft*	Pile 2	30.00in	33.00in	
4	Pile 4	Reinforced Concrete Column	16.83ft*	Pile 3	30.00in	33.00in	

MEASUREMENTS REVISED BY SLC 01/18/2023
*DENOTES CHANGES WERE MADE

Title	Description
SUBSTRUCTURE	INTERIOR BENTS

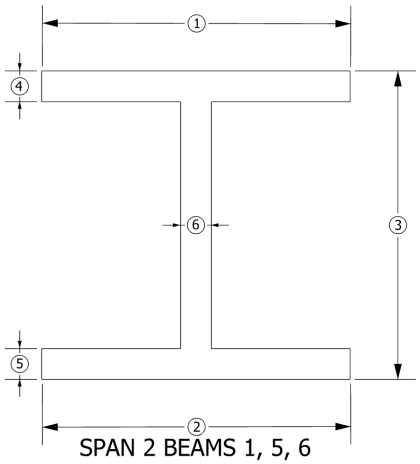
Structure No: 100392	Drawn By: SLC	Date: 1/6/2023	Filename: S001122000170.wes

Bridge Inspection Field Sketch



1	12.00in
2	12.00in
3	35.60in
4	0.79in
5	0.79in
6	0.60in

SPAN 1 BEAMS 1-6



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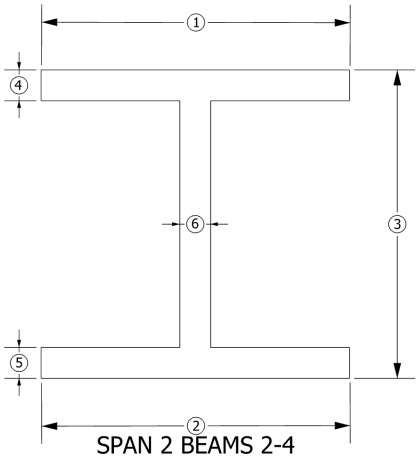
2	12.00in
3	36.00in
4	1.02in
5	1.02in
6	0.650in

SPAN 2 BEAMS 1, 5, 6



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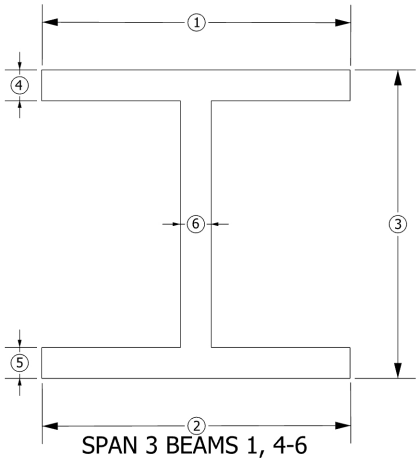
6	0.625in

SPAN 2 BEAMS 2-4



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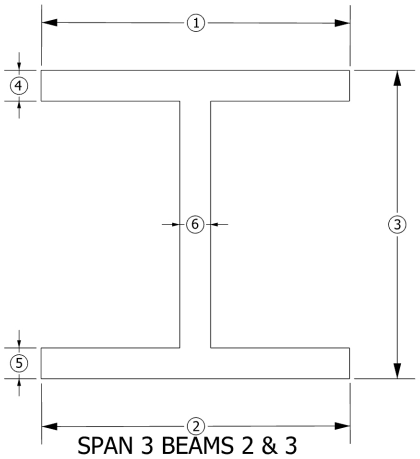
3	35.90in
4	1.26in
5	1.26in
6	0.760in

SPAN 3 BEAMS 1, 4-6



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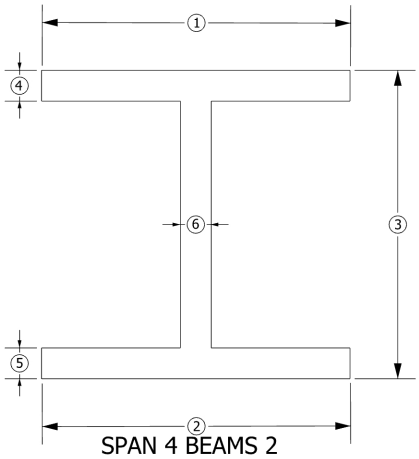
6	0.765in

SPAN 3 BEAMS 2 & 3
SPAN 4 BEAMS 1, 3-5



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3	36.20in
4	1.10in
5	1.10in
6	0.680in

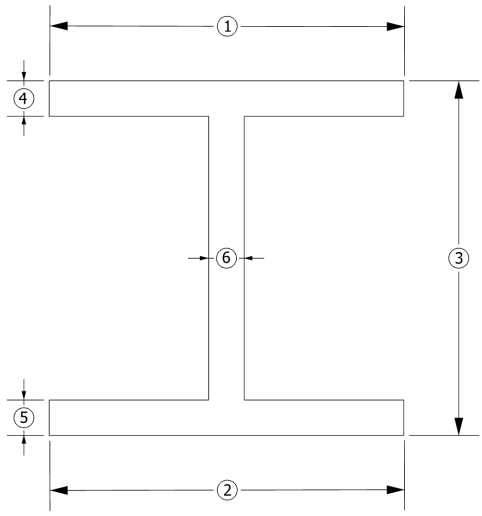
SPAN 4 BEAMS 2

MEASUREMENTS VERIFIED BY SLC 1/18/23

Title BEAM DETAILS	Description BEAM DIMENSIONS

Structure No: 100392	Drawn By: SLC	Date: 1/16/2023	Filename: S001122000171.wes

Bridge Inspection Field Sketch



Span 4: Beam 6	
1	16.47in
2	16.47in
3	35.90in
4	1.26in
5	1.26in
6	0.76in

MEASUREMENTS REVISED BY SLC 01/18/2023

Title	Description
BEAM DETAILS CONTD	BEAM DIMENSIONS CONTD

Structure No:	100392	Drawn By:	SLC	Date:	1/16/2023	Filename:	S001122000172.wes

Looking West

Span 2 Beams

1-26 Right Low Clearnace Sign .12 MILE EAST OF STRUCTURE

1-26 Left Low Clearance Sign .12 MILE EAST OF STRUCTURE

Looking South at Approach Roadway

Looking North at Approach Roadway