NC DEPARTMENT OF TRANSPORTATION ATTENTION: Supplemental Inspection Impact Damage, Span 2 Beam 6. PAR **DIVISION OF HIGHWAYS** STRUCTURE MANAGEMENT UNIT Structure Safety Report Supplemental Element Inspection SAP STRUCTURE NO: 0110392 STRUCTURE NUMBER: 100392 FHWA STRUCTURE NO: 00000000210392 INSPECTION DATE: 08/28/2024 DIVISION: 13 COUNTY: BUNCOMBE 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 SHORI | | | AN OF ACTION |
|--------------------------------|-----------------|---------------|------------------|--------------|
| GRADES: (Inspector/NBI Coding) | DECK 7/7 SUPER | STRUCTURE 4/4 | SUBSTRUCTURE 4/4 | CULVERT N/N |
| POSTED SV: Not Posted | | POSTED TT: | ST: Not Posted | |

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

MICHAEL CARTER



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

11/21/2024

| (1) STATE NAME NORTH CAROLINA BRIDGE | | 100392 | SUFFICIENCY RATING | - | 64. |
|--|------------|---------------|---|--|---------------|
| (8) STRUCTURE NUMBER (FEDERAL) | (| 0210392 | STATUS = | Structu | rally Deficie |
| (5) INVENTORY ROUTE (ON/UNDER) ON | 12 | 6000190 | | CLASSIFICATION | |
| (2) STATE HIGHWAY DEPARTMENT DISTRICT (3) COUNTY CODE (FEDERAL) 21 (4) PLACE CODE | | 13 71560 | (112) NBIS BRIDGE SYSTEM | | YI |
| (6) FEATURE INTERSECTED I-26 & US19,23BYP. | | 71300 | (104) HIGHWAY SYSTEM | Inventory Route not on N | HS |
| (7) FACILITY CARRIED US19,23BUS | | | (26) FUNCTIONAL CLASS | Urban Minor Collec | tor |
| (9) LOCATION .05 MI.S.JCT.SR1733 | | | (100) STRAHNET HIGHWAY | Not a STRAHNET Rou | ute |
| (11) MILEPOINT | | 0.0 | (101) PARALLEL STRUCTURE | No parallel structure exis | sts |
| | | 0 | (102) DIRECTION OF TRAFFIC | 2-way traf | fic |
| (13) LRS INVENTORY ROUTE & SUBROUTE (16) LATITUDE 35° 42' 48.96" (17) LONGITUDE | 82° 33 | 3' 43.72" | (103) TEMPORARY STRUCTUR | RE | |
| (98) BORDER BRIDGE STATE CODE PERCENT S | | | (110) DESIGNATED NATIONAL | NETWORK - on national network for true | ks |
| (99) BORDER BRIDGE STRUCTURE NUMBER | | | (20) TOLL | On Free Ro | ad |
| | | | (21) MAINT - | | |
| 43) STRUCTURE TYPE AND MATERIAL | | Steel | (22) OWNER - | | |
| TYPE Stringer/Multi-beam or gird | er CODE | 302 | (37) HISTORICAL SIGNIFICANO | CF - | |
| (44) STRUCTURE TYPE APPROACH | | | | | CODE |
| TYPE | CODE | | (58) DECK | CONDITION | CODE |
| (45) NUMBER OF SPANS IN MAIN UNIT | | 4 | (59) SUPERSTRUCTURE | | |
| 46) NUMBER OF SPANS IN APPROACH | | 4 | (60) SUBSTRUCTURE | | |
| (107) DECK STRUCTURE TYPE | CODE | 1 | (61) CHANNEL & CHANNEL PR | OTECTION | |
| (108)WEARING SURFACE/PROTECTIVE SYSTEM | CODE | | | | |
| | CODE | 6 | (62) CULVERTS | | 000 |
| (A) TYPE OF WEARING SURFACE (B) TYPE OF MEMBRANE | CODE | 0 | (31) DESIGN LOAD | RATING AND POSTING H 20 + M | |
| (C) TYPE OF DECK PROTECTION | CODE | 0 | (63) OPERATING RATING MET | | |
| | CODE | 0 | | HOD - LOAD FAC | |
| | | 1001 | (64) OPERATING RATING - | | -44 |
| | | 1964 | (65) INVENTORY RATING MET | | 27 |
| (106) YEAR RECONSTRUCTED | | 0 | (66) INVENTORY RATING | HS | |
| (42) TYPE OF SERVICE ON - | Overpass S | | (70) BRIDGE POSTING | No Posting Requir | ed |
| OFF - Highway | | 61 | (41) STRUCTURE OPEN, POST | | |
| (28) LANES ON STRUCTURE 2 LANES UNDER STR | UCTURE | 4 | DESCRIPTION | Open, no restrictio | 'n |
| | | 7500 | | APPRAISAL | CODE |
| (30) YEAR OF ADT 2022 (109) TRUCK ADT P | СТ | 6 | (67) STRUCTURAL EVALUATIO | DN | |
| | | 2.0 | (68) DECK GEOMETRY | | |
| | | =0.0 | (69) UNDERCLEARANCES, VE | RT & HORIZ | |
| (48) LENGTH OF MAXIMUM SPAN (49) STRUCTURE LENGTH | | 76.0 279.0 | (71) WATERWAY ADEQUACY | | |
| (50) CURB OR SIDEWALK: LEFT 1.6 RIGHT | | 1.6 | (72) APPROACH ROADWAY AL | IGNMENT | |
| (51) BRIDGE ROADWAY WIDTH, CURB TO CURB | | 40.0 | (36) TRAFFIC SAFETY FEATUR | RES | 00 |
| (52) DECK WIDTH OUT TO OUT | | 45.3 | (113) SCOUR CRITICAL BRIDG | ES | |
| (32) APPROACH ROADWAY WIDTH (W/ SHOULDERS) | | 40.0 | PROP | OSED IMPROVEMENTS | |
| (33) BRIDGE MEDIAN No mediar (34) SKEW 38 (35) STRUCTURE FLARED | 1 CODE | 0 0 | (75) TYPE OF WORK | (| CODE |
| (10) INVENTORY ROUTE MIN VERT CLEAR | | 999.9 | (76) LENGTH OF STRUCTURE | IMPROVEMENT | |
| 47) INVENTORY ROUTE TOTAL HORIZ CLEAR | | 40.0 | (94) BRIDGE IMPROVEMENT C | COST | |
| (53) MIN VERT CLEAR OVER BRIDGE RDWY | | 999.9 | (95) ROADWAY IMPROVEMEN | T COST | |
| (54) MIN VERT UNDERCLEAR: REFERENCE H | | 14.8 | (96) TOTAL PROJECT COST | | |
| | Н | 8.2 | (97) YEAR OF IMPROVEMENT | COST ESTIMATE | |
| (56) MIN LAT UNDERCLEARANCE LT: | | 10.5 | (114) FUTURE ADT | 15,000 YEAR OF FUTURE ADT | 20 |
| NAVIGATION DATA MAVIGATION DATA MAVIGATION CONTROL - | CODE | N | (90) INSPECTION DATE | INSPECTION 01/23 (91) FREQUEN | CY |
| | CODE | 11 | (90) INSPECTION DATE (92) CRITICAL FEATURE INSPE | | |
| | CODE | 0.0 | A) FRACTURE CRIT DET | | 2, |
| | | 0.0 | | | |
| (116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR | | 0.0 | B) UNDERWATER INSP | В) | |
| (40) NAVIGATION HORIZONTAL CLEARANCE | | 0.0 | C) OTHER SPECIAL INSP | C) | |

| | | | ertical | | | | | | | affic | e | | | See N | lote Be | low | | | E | |
|-------------|------------------|-----------------|------------------------------------|-----------|--------------|---------------------|---------------------------|-----------------|-----------------------|--------------------------|--------------------------|-------------------|------------------------------------|---------------------------------|--------------------------------|-----|------------------|----------------------|-------------------------|------------------------|
| Span Number | Facility Carried | Inventory Route | Maximum Minimum Verti Clearance | Milepoint | Base Highway | LRS Inventory Route | Functional Classification | Number of Lanes | Average Daily Traffic | Year of Average Daily Tr | Total Horizontal Clearan | Reference Feature | Minimum Vertical Underclearance | Rigth Lateral Underclearance | Left Lateral Underclearance | | STRAHNET Highway | Direction of Traffic | National Highway System | National Truck Network |
| | 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 | Н | 14.3 | 9.2 | 17.6 | 3 | | 1 | | |
| 3 | 1 26 E | 11000260 | 15.0 | 18.0 | 1 | 10026 | 12 | 2 | 17000 | 2015 | 42.7 | Н | 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

Skew 52.000

Span Length 75.700

Span Number 1

| 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 Nu | mber <u>2</u> Sp | an Length <u>76.660</u> | | Sk | ew 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 Nu | ımber <u>3</u> Sp | an Length <u>68.690</u> | | Sk | ew 52.000 | |

| Number of Items | | 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 <u>4</u> Sp | an Length <u>58.420</u> | I | | Skew 52.000 | 1 |

| Number of Items | Tune of Component | Element Name | | Quantity | Drotactive System Applied | Quantity (Sq Ft) |
|--------------------|----------------------------|--------------------------|--------|-------------|---|---------------------|
| or items | Type of Component | Element Name | | Quantity | Protective System Applied | (0911) |
| 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 | , | | , | 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 | 2 Steel Protective Coating Effectiveness (Steel Protective Coatings) 3564 S | | | | |

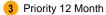
Element Structure Maintenance Quantities

| | | | | 1 | 1 | | | |
|----------------------|-------------|---|-------------------|-------------------|--------------------|------------------|------------------|---------------|
| 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 | 14364.00 |
| 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 | 12648.00 |
| 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 Num | ber 100392 | | |
|-------------------|-------------|--------------|---|
| Span2 | | | |
| 3314 | Beam 6 | Plate Girder | |
| Priority Level | Defect Type | Quantity | Defect Description |
| | 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) |







Element Condition and Maintenance Data

| Structure Number: 100392 | | | | | In | spection | 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 O | pen Girder/Beam | 80 | 0 | 73 | 6 | 1 | Feet |
| 515 Steel Pr | rotective Coating | 827 | 667 | 0 | 154 | 6 | Square Feet |
| Element Number Defect Type | Defect Descriptio | 'n | | CS | CS Qty | Maint Qty | |
| 107 Corrosion | PRIORITY ACTION REQUEST WEST AT ABUTMENT 1 FOR 6 INCHES LON WITH 1/2 INCH AVERAGE SECTION F | | ON | 4 | 1 | | 1 Feet |
| 107 Corrosion | At bent 1 left bottom flange corrosion ar | nd section loss | 5 | 3 | 6 | | 6 Feet |

| | | WITH 1/2 INCH AVERAGE SECTION REMAINING (PAR). | | | | |
|-----|--|---|---|-----|-----|-------------|
| 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 | | | | | |

General Comments

| Spa | an 1 | | | Beam 2 | | | | | | |
|-----------------|--------------------------------|-----------|--|---|--------------|-----------------|------------|------------|--------------|-------------|
| Plat | te Girder | | | | | | | | | |
| | ment mber | | Element Name | | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| 107 | | Steel Op | en Girder/Beam | | 80 | 0 | 75 | 1 | 4 F | Feet |
| 515 | | Steel Pro | tective Coating | | 827 | 667 | 0 | 154 | 6 5 | Square Feet |
| Elemer Numbe | Defect | Туре | | Defect Description | | | CS | CS Qty | Maint Qty | |
| 107 | Corrosion | | corrosion and section width x 4 feet long. | REQUEST At bent 1 I on loss down to 7/16 in Upper web corrosion a emaining 12 inches lon | ch remainir | ng full Ioss | 4 | 4 | 4 | Feet |
| 107 | Corrosion | | | n left flange corrosion remaining 6 inches lon | | | 3 | 1 | 1 | Feet |
| 107 | Corrosion | | | ATTERED FRECKLED | | | 2 | 75 | | Feet |
| 515 | Effectiveness Protective Co | | failed protection | | | | 4 | 6 | 6 | Square Feet |
| 515 | Effectiveness Protective Co | | LOSS OF PAINT AI | LOWING FRECKLED | RUST. | | 3 | 154 | 154 | Square Feet |
| | Conoral Com | monto | | | | | | | | |

Beam 3

Plate Girder

Span 1

| | ement mber Steel | Element Name Open Girder/Beam | Total Qty 80 | CS1 Qty 0 | CS2 Qty 75 | CS3 Qty 2 | CS4 Qty 3 F | Feet |
|-----------------|--|---|--------------------|-----------------|------------------|-----------------|-------------------|-------------|
| - | | | | - | - | | • | |
| 515 | Steel | Protective Coating | 827 | 667 | 0 | 156 | 4 8 | Square Feet |
| Elemei Numbe | Defect Type | Defect Descrip | otion | | CS | CS Qty | Maint Qty | |
|] 107 | Corrosion | PRIORITY ACTION REQUEST At b corrosion and section loss down to 3 width x 3 feet long. Web down to 7/1 height x 12 inches long (PAR) | 3/8 inch remaining | j full | 4 | 3 | 3 | Feet |
|] 107 | Corrosion | At end bent 1 bottom left flange corr down to 5/8 inch remaining 6 inches | | | 3 | 1 | 1 | Feet |
|] 107 | Corrosion | WEST FACE BOTTOM FLANGE IN AT PIER 1, CORROSION WITH 1/2 SECTION REMAINING FOR 6 IN LO | IN AVERAGE | RING | 3 | 1 | 1 | Feet |
|] 107 | Corrosion | FULL LENGTH SCATTERED FREC ESPECIALLY ALONG THE BOTTO | | | 2 | 75 | | Feet |
|] 515 | Effectiveness (Stee Protective Coatings | | | | 4 | 4 | 4 | Square Feet |
| 515 | Effectiveness (Stee Protective Coatings | | KLED RUST. | | 3 | 156 | 156 | Square Feet |

Span 1

Beam 4

| | | |
|------|----------|--|
| | <u> </u> | |

| Element Number 107 Steel C | | Element Name pen Girder/Beam | Total Qty 80 | CS1 Qty 0 | CS2 Qty 76 | CS3 Qty 2 | CS4 Qty 2 | Feet |
|----------------------------------|--|---|--------------------|-----------------|------------------|-----------------|-----------------|-------------|
| 515 | Steel P | rotective Coating | 827 | 667 | 0 | 156 | 4 \$ | Square Feet |
| Element Number | Dofact Type | Defect Description | า | | CS | CS Qty | Maint Qty | |
| _ 107 | Corrosion | PRIORITY ACTION REQUEST At bent corrosion and section loss down to 1/2 ir inches long x full width. Web down to 9/ ² full height up to 12 inches long (PAR) | nch remainin | g 13 | 4 | 2 | 2 | Peet |
|] 107 | Corrosion | WEST FACE BOTTOM FLANGE IN FR AT PIER 1, CORROSION WITH 1/2 IN / SECTION DOWN TO 5/16 IN SECTION 2 FT LONG (PAR). | AVERAGE | - | 3 | 2 | 2 | ? Feet |
| 107 | Corrosion | FULL LENGTH SCATTERED FRECKLE ESPECIALLY ALONG THE BOTTOM F | | | 2 | 76 | | Feet |
| 515 | Effectiveness (Steel Protective Coatings) | failed protection | | | 4 | 4 | 4 | Square Feet |
| 515 | Effectiveness (Steel Protective Coatings) | LOSS OF PAINT ALLOWING FRECKLE | D RUST. | | 3 | 156 | 156 | Square Feet |

Beam 5

| Pla | te Girder | | | | | | | |
|----------------|--|--|-----------------|------------|------------|------------|--------------|-------------|
| | ement mber | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| 107 | Steel Op | ben Girder/Beam | 80 | 1 | 76 | 0 | 3 F | eet |
| 515 | Steel Pr | otective Coating | 827 | 667 | 0 | 156 | 4 S | quare Feet |
| Eleme Numbe | Defect Type | Defect Descripti | on | | CS | CS Qty | Maint Qty | |
| 107 | Corrosion | PRIORITY ACTION REQUEST At ber corrosion and section loss down to 9/1 width x 3 feet long. Web down to 9/16 height x up to 12 inches long (PAR) | 6 inch remainir | ng full | 4 | 3 | 3 | Feet |
| 107 | Corrosion | FULL LENGTH SCATTERED FRECK ESPECIALLY ALONG THE BOTTOM | | | 2 | 76 | | Feet |
| 107 | Corrosion | WEST FACE FOR 6 INCHES LONG II BEARING AT PIER 1 CORROSION W 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 FRECK | LED RUST. | | 3 | 156 | 156 | Square Feet |
| | General Comments | | | | | | | |

| Spa | an 1 | Beam 6 | | | | | | |
|-----------------|--|--|---|-----------------|------------------|-----------------|----------------------|--|
| Plat | te Girder | | | | | | | |
| | ment mber Steel Op | Element Name ben Girder/Beam | Total Qty 80 | CS1 Qty 0 | CS2 Qty 71 | CS3 Qty 9 | CS4 Qty 0 Feet | |
| 515 | Steel Pr | otective Coating | 827 | 667 | 6 | 154 | 0 Square Feet | |
| Elemer Numbe | Defect Tune | Defect Descrip | otion | | CS | CS Qty | Maint Qty | |
| 107 | Corrosion | Beginning at repair plate on bottom f scale with no measurbale section los long | | | 3 | 8 | 8 Feet | |
| 107 | Corrosion | WEST FACE FOR 6 INCHES LONG BEARING AT PIER 1 CORROSION AVERAGE SECTION REMAINING. | | S | 3 | 1 | 1 Feet | |
| 107 | Corrosion | FULL LENGTH SCATTERED FREC ESPECIALLY ALONG THE BOTTO | | | 2 | 70 | Feet | |
| 107 | Corrosion | RIGHT BOTTOM FLANGE IS DOWI THE ORIGINAL THICKNESS FOR 1 FULL WIDTH STARTING AT THE E PLATE REPAIRS HAVE BEEN MAD ADDITIONAL COMMENTS FOR PL | 2 inches LONG 2 ND AT BENT 1. 3 DE IN THIS AREA | X STEEL | 2 | 1 | Feet | |
| 515 | Effectiveness (Steel Protective Coatings) | LOSS OF PAINT ALLOWING FREC | KLED RUST. | | 3 | 154 | 154 Square Feet | |
| 515 | Effectiveness (Steel Protective Coatings) | OLD AREA OF CORROSION WITH BEEN PAINTED OVER. FRECKLED 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.

| | 4 inche x | 25 inches | HIGH PLATE WELD | DED TO THE RIGHT FA | ACE OF THE | = WEB AT | THEFA | R END. | | |
|-----------------|--------------------------------|-----------|---------------------------------------|---|-------------------|-----------------|-----------------|-----------------|--------------|---------------|
| Spa | an 1 | | | Wearing Surface | | | | | | |
| Asp | halt Wearin | ng Surfa | ace | | | | | | | |
| Nur | ment mber | Mooring | Element Name | | Total Qty | CS1 Qty | CS2 Qty 0 | CS3 Qty | CS4 Qty | |
| 510 | | Wearing | Sunace | | 2,726 | 2,686 | 0 | 40 | 0 | Square Feet |
| Elemer Numbe | | Туре | | Defect Description | | | CS | CS Qty | Maint Qty | |
| 510 | Crack (Weari Surface) | - | 1/8 INCH TO 1/4 IN THE END BENT JC | ICH WIDE TRANSVEF DINT. | RSE CRACH | KS AT | 3 | 40 | | 0 Square Feet |
| | General Com | ments | | | | | | | | |
| Spa | an 1 | | | Near Bearing | | | | | | |
| Fixe | ed Bearing | | | | | | | | | |
| | ment mber | Fixed Be | Element Name | | Total Qty 1 | CS1 Qty 0 | CS2 Qty 0 | CS3 Qty 1 | CS4 Qty | Each |
| 515 | | | tective Coating | | 2 | 0 | 0 | 0 | - | Square Feet |
| | | | | | 2 | 0 | 0 | 0 | | oquare r cer |
| Elemer Numbe | Dofoot | Туре | | Defect Description | | | CS | CS Qty | Maint Qty | |
| 313 | Corrosion | | | LLOWING FLAKING S H UP TO 1/8 inch SEC E BEARING. | | 3 | 3 | 1 | | 1 Each |
| 515 | Effectiveness Protective Co | atings) | failed protection | | | | 4 | 2 | : | 2 Square Feet |
| | General Com | ments | | | | | | | | |
| Spa | an 1 | | | Far Bearing | | | | | | |
| Мо | vable Beari | ng | | | | | | | | |
| | ment mber | Movable | Element Name | | Total Qty 1 | CS1 Qty 0 | CS2 Qty 0 | CS3 Qty 1 | CS4 Qty | Each |
| | | | 0 | | 2 | - | | | | |
| 515 | | Sieel Pro | tective Coating | | Z | 0 | 0 | 0 | | Square Feet |
| Elemer Numbe | | Туре | | Defect Description | | | CS | CS Qty | Maint Qty | |
| 311 | Corrosion | | | LLOWING FLAKING S H UP TO 1/8 inch SEC E BEARING. | | 3 | 3 | 1 | - | 1 Each |
| 515 | Effectiveness Protective Co | ` | failed protection | | | | 4 | 2 | : | 2 Square Feet |
| | General Com | ments | | | | | | | | |

Near Bearing

Fixed Bearing

Span 1

| Element NumberTotal Element NameCS1 QtyCS2 QtyCS3 QtyCS4 Qty< | |
|---|---------------|
| | |
| 515 Steel Protective Coating 2 0 0 2 0 | Each |
| | Square Feet |
| Element Maint Number Defect Type Defect Description CS CS Qty Qty | t |
| 313 Corrosion FRECKLED RUST PRESENT DUE TO LOSS OF PAINT. 2 1 | Each |
| 515 Effectiveness (Steel FRECKLED RUST PRESENT DUE TO LOSS OF PAINT. 3 2 Protective Coatings) | 2 Square Feet |

| Spa | an 1 | Far Bearing | | | | | | |
|-----------------|--|---|--------------|------------|------------|------------|--------------|---------------|
| Моу | vable Bearing | | | | | | | |
| | ment mber | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| 311 | Movable | Bearing | 1 | 0 | 0 | 1 | 0 | Each |
| 515 | Steel Pro | otective Coating | 2 | 0 | 0 | 0 | 2 | Square Feet |
| Elemer Numbe | Dofact Type | Defect Descrip | otion | | CS | CS Qty | Maint Qty | |
| 311 | Corrosion | LOSS OF PAINT ALLOWING FLAKI CORROSION WITH UP TO 1/8 inch OVER THE ENTIRE BEARING. | | | 3 | 1 | | 1 Each |
| 515 | Effectiveness (Steel Protective Coatings) | failed protection | | | 4 | 2 | | 2 Square Feet |
| | General Comments | | | | | | | |

| Spa | an 1 | | | Near Bearing | | | | | | |
|-----------------|--------------|---------------------------------|------------------|--------------------|--------------|------------|------------|------------|--------------|---------------|
| Fixe | ed Bea | aring | | | | | | | | |
| | ment mber | | Element Name | | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| 313 | | Fixed Be | aring | | 1 | 0 | 1 | 0 | 0 | Each |
| 515 | | Steel Pro | otective Coating | | 2 | 0 | 0 | 2 | 0 | Square Feet |
| Elemer Numbe | | Defect Type | | Defect Description | | | CS | CS Qty | Maint Qty | |
| 313 | Corros | sion | FRECKLED RUST | PRESENT DUE TO LO | DSS OF PA | INT. | 2 | 1 | | Each |
| 515 | | veness (Steel tive Coatings) | FRECKLED RUST | PRESENT DUE TO LO | DSS OF PA | INT. | 3 | 2 | 2 | 2 Square Feet |
| | Genera | I Comments | | | | | | | | |

| Span 1 | | Far Bearing | | | | | | |
|-------------------|--------------------------|--------------------|--------------|------------|------------|------------|--------------|-------------|
| Movable | e 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 | |

| Structure | Number: <u>100392</u> | | | Inspec | ction Date: <u>08/28/2024</u> |
|-----------|--|--|---|--------|-------------------------------|
| 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 | | | | |

| Spar | า 1 | Near Beari | ng | | | | |
|-------------------|--|--------------------------|-------------------|------------|------------|------------|---------------|
| Fixed | d Bearing | | | | | | |
| Elem Num | | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
| 313 | Fixed Be | earing | 1 | 0 | 1 | 0 | 0 Each |
| 515 | Steel Pr | otective Coating | 2 | 0 | 0 | 2 | 0 Square Feet |
| Element Number | Dofact Type | Defect Dese | cription | | CS | CS Qty | Maint Qty |
| 313 | Corrosion | FRECKLED RUST PRESENT DU | JE TO LOSS OF PAI | NT. | 2 | 1 | Each |
| | Effectiveness (Steel Protective Coatings) | FRECKLED RUST PRESENT DU | JE TO LOSS OF PAI | NT. | 3 | 2 | 2 Square Feet |
| 6 | Commonts | | | | | | |

General Comments

| Span 1 | | Far Bearin | g | | | | | |
|--------------------------|---------------------------------------|--|-------------------|-----------------|-----------------|-----------------|----------------------|--------|
| Movable Be | earing | | | | | | | |
| Element Number 311 | Elerr Movable Bearing | ent Name | Total Qty 1 | CS1 Qty 0 | CS2 Qty 0 | CS3 Qty 1 | CS4 Qty 0 Each | |
| 515 | Steel Protective Co | pating | 2 | 0 | 0 | 0 | 2 Square F | eet |
| Element Number De | fect Type | Defect Des | cription | | CS | CS Qty | Maint Qty | |
| 311 Corrosio | CORRC | F PAINT ALLOWING FL SION WITH UP TO 1/8 i HE ENTIRE BEARING. | | | 3 | 1 | 1 Each | |
| | ness (Steel failed pr ve Coatings) | otection | | | 4 | 2 | 2 Squar | e Feet |
| General (| Comments | | | | | | | |
| Span 1 | | Near Bear | ing | | | | | |
| Fixed Beari | ing | | | | | | | |
| Element Number 313 | Elerr Fixed Bearing | ent Name | Total Qty 1 | CS1 Qty 0 | CS2 Qty 1 | CS3 Qty 0 | CS4 Qty 0 Each | |
| 515 | Steel Protective Co | pating | 2 | 0 | 0 | 2 | 0 Square F | eet |
| Element | fect Type | Defect Des | cription | | CS | CS Otv | Maint | |

Each

2 Square Feet

| Fixe | ed Bearing | | | | | | |
|-----------------|--|------------------------|------------------|------------|------------|------------|--------------|
| | ment nber | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
| 313 | Fixed Be | earing | 1 | 0 | 1 | 0 | 0 |
| 515 | Steel Pr | otective Coating | 2 | 0 | 0 | 2 | 0 |
| Elemen Numbe | Defect Type | Defect D | Description | | CS | CS Qty | Maint Qty |
| 313 | Corrosion | FRECKLED RUST PRESENT | DUE TO LOSS OF P | AINT. | 2 | 1 | |
| 515 | Effectiveness (Steel Protective Coatings) | LOSS OF PAINT ALLOWING | FRECKLED RUST. | | 3 | 2 | 2 |
| | General Comments | | | | | | |

| tructure Number: <u>100392</u> | | | | | In | spection | Date: 08/28/2024 |
|--|---|--------------|------------|------------|------------|--------------|------------------|
| Span 1 | Far Bearing | | | | | | |
| Movable Bearing | | | | | | | |
| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| | e Bearing | 1 | 0 | 0 | 1 | | Each |
| 515 Steel Pr | rotective Coating | 2 | 0 | 0 | 0 | 2 | Square Feet |
| Element Number Defect Type | Defect Descrip | otion | | CS | CS Qty | Maint Qty | |
|] 311 Corrosion | LOSS OF PAINT ALLOWING FLAK CORROSION WITH UP TO 1/8 INC OVER THE ENTIRE BEARING. | | | 3 | 1 | | 1 Each |
| 515 Effectiveness (Steel Protective Coatings) General Comments | failed protection | | | 4 | 2 | | 2 Square Feet |
| General Comments | | | | | | | |
| Span 1 | Near Bearing |) | | | | | |
| Fixed Bearing | | | | | | | |
| Element | | Total | CS1 | CS2 | CS3 | CS4 | |
| Number 313 Fixed Be | Element Name earing | Qty 1 | Qty 0 | Qty 0 | Qty 1 | Qty 0 | Each |
| 515 Steel Pr | rotective Coating | 2 | 0 | 0 | 0 | 2 | Square Feet |
| Element Number Defect Type | Defect Descrip | ation | | CS | CS Qty | Maint | |
| Number Defect Type] 313 Corrosion | LOSS OF PAINT ALLOWING FLAK CORROSION WITH UP TO 1/8 INC | ING SURFACE | | 3 | 1 | Qty | 1 Each |
| | OVER THE ENTIRE BEARING. | | | | | | |
| 515 Effectiveness (Steel Protective Coatings) | failed protection | | | 4 | 2 | | 2 Square Feet |
| General Comments | | | | | | | |
| Span 1 | Far Bearing | | | | | | |
| Movable Bearing | | | | | | | |
| Element | | Total | CS1 | CS2 | CS3 | CS4 | |
| Number 311 Movable | Element Name e Bearing | Qty 1 | Qty 0 | Qty 0 | Qty 1 | Qty 0 | Each |
| | rotective Coating | 2 | 0 | 0 | 0 | | Square Feet |
| Element Number Defect Type | Defect Descrip | otion | | CS | CS Qty | Maint | |
| □ 311 Corrosion | LOSS OF PAINT ALLOWING FLAK | ING SURFACE | | 3 | 1 | Qty | 1 Each |
| | CORROSION WITH UP TO 1/8 INC OVER THE ENTIRE BEARING. | | | | | | |

Span 2

| | ment mber | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|-----------------|--|---|--------------------------------|------------|------------|------------|--------------|-------------|
| 107 | Steel Op | ben Girder/Beam | 79 | 0 | 76 | 3 | 0 F | Feet |
| 515 | Steel Pro | otective Coating | 819 | 661 | 0 | 152 | 6 5 | Square Feet |
| Elemer Numbe | Dofact Type | Defect Description | on | | CS | CS Qty | Maint Qty | |
| 107 | Corrosion | LOSS OF PAINT ON BEAM END AT T BENTS ALLOWING CORROSION WI PITTING AND SCALE CORROSION T FLANGE AND LOWER 2" OF THE WE | TH 0.0625" - 0. O THE BOTT(| 125" | 3 | 3 | 3 | Feet |
| 107 | Corrosion | SCATTERED FRECKLED RUST FOR BOTTOM FLANGE. | FULL LENGT | H OF | 2 | 76 | | Feet |
| 515 | Effectiveness (Steel Protective Coatings) | failed protection | | | 4 | 6 | 6 | Square Feet |
| 515 | Effectiveness (Steel Protective Coatings) | LOSS OF PAINT ALLOWING FRECKI | ED RUST. | | 3 | 152 | 152 | Square Feet |
| | General Comments | | | | | | | |

| Spa | an 2 | Beam 2 | 2 | | | | | |
|----------------|--|--|--|-------------|----|------------|--------------|-------------|
| Pla | te Girder | | | | | | | |
| | ement mber | Element Name | Total Qty | | | CS3 Qty | CS4 Qty | |
| 107 | Steel Op | en Girder/Beam | 79 | -1 | 73 | 1 | 6 F | eet |
| 515 | Steel Pr | ptective Coating | 819 | 661 | 0 | 152 | 6 5 | Square Feet |
| Eleme Numbe | Defect Tune | Defect | Description | | CS | CS Qty | Maint Qty | |
| 107 | Corrosion | PRIORITY ACTION REQUE corrosion and section loss do width x 6 feet long. Web dow height x 2 feet long. Stiffenen remaining 2 inches high x 3 i | own to 11/16 inch rem in to 7/16 inch remain plate down to 3/8 inc | aining full | 4 | 6 | 6 | Feet |
| 107 | Corrosion | EAST FACE BOTTOM FLAN AT PIER 1, CORROSION W SECTION REMAINING FOR | ITH 1/2 IN AVERAGE | | 3 | 1 | 1 | Feet |
| 107 | Corrosion | FULL LENGTH SCATTERE | | | 2 | 73 | | Feet |
| 515 | Effectiveness (Steel Protective Coatings) | failed protection | | | 4 | 6 | 6 | Square Feet |
| 515 | Effectiveness (Steel Protective Coatings) | LOSS OF PAINT ALLOWING | G FRECKLED RUST. | | 3 | 152 | 152 | Square Feet |
| | General Comments | | | | | | | |

| Span 2 Plate Gi | irder | Beam 3 | | | | | | |
|--------------------------|--------------------------|--------------------|--------------------|-----------------|------------------|-----------------|----------------------|----|
| Element Number 107 | | ne | Total Qty 79 | CS1 Qty 1 | CS2 Qty 71 | CS3 Qty 1 | CS4 Qty 6 Feet | |
| 515 | Steel Protective Coating | | 819 | 661 | 0 | 152 | 6 Square Fee | et |
| Element Number | Defect Type | Defect Description | | | CS | CS Qty | Maint Qty | |

| Structure | Number: <u>100392</u> | | | Inspe | ection D | ate: <u>08/28/2024</u> |
|-----------|--|---|---|-------|----------|------------------------|
| 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 |
| <u> </u> | 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 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 16 inches long x full width. Web down to 9/16 inch remaining 16 inches long x full width. Web down to 9/16 inch remaining 2 inches x 12 inches 12 inches x 12 inches 12 inches x 12 inches | | | | | | | | | |
|---|-------|------------------|---|-----------------------|-----|----|--------|------|-------------|
| Element Number Element Name Total Qty CS1 Qty CS2 Qty CS3 Qty CS4 Qty CS4 Qty <thc< td=""><td>Spar</td><td>า 2</td><td>Beam 4</td><td></td><td></td><td></td><td></td><td></td><td></td></thc<> | Spar | า 2 | Beam 4 | | | | | | |
| NumberElement NameQtyQtyQtyQtyQtyQty107Steel Open Girder/Beam7907405Feet515Steel Protective Coating81966101526Square FeetElement NumberDefect TypeDefect DescriptionCSCS QtyMaint Qty107CorrosionPRIORITY 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 16 inches long x full width. Web down to 9/16 inch remaining422Feet107CorrosionPRIORITY 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 2 inches x 33 inches long. Bottom flange down to 5/8 inch remaining 12 inches x 511 with. Left web stiffener down to 1/4 inch remaining 2 inches x 5 inches (PAR)433Feet107CorrosionFULL LENGTH SCATTERED FRECKLED RUST Protective Coatings274Feet515Effectiveness (Steel Protective Coatingsfailed protection466Square Feet515Effectiveness (Steel Protective CoatingsLOSS OF PAINT ALLOWING FRECKLED RUST.3152152Square Feet | Plate | e Girder | | | | | | | |
| 515Steel Protective Coating81966101526Square FeetElement NumberDefect TypeDefect DescriptionCSCS QtyMaint Qty107CorrosionPRIORITY 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 16 inches long x full width. Web down to 9/16 inch remaining 16 inches long x full width. Ukeb down to 9/16 inch remaining 2 inches Lower web down to 1/2 inch remaining 2 inches x 12 inches Lower web down to 1/2 inch remaining 2 inches x 12 inches x full width. Left web stiffener down to 1/4 inch remaining 2 inches x 5 inches (PAR)433Feet107CorrosionFULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.274Feet515Effectiveness (Steel Protective Coatings)failed protection466Square Feet515Effectiveness (Steel Protective Coatings)LOSS OF PAINT ALLOWING FRECKLED RUST.3152152Square Feet | | | Element Name | | | | | | |
| 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 9/16 inch remaining full height x 12 inches long (PAR) 4 3 3 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 | 107 | Steel Op | en Girder/Beam | 79 | 0 | 74 | 0 | 5 F | eet |
| NumberDefect TypeDefect DescriptionCSCS QLyQty107CorrosionPRIORITY 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)422Feet107CorrosionPRIORITY 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 3/8 inch remaining 2 inches x 33 inches long. Bottom flange down to 5/8 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)3Feet107CorrosionFULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.274Feet515Effectiveness (Steel Protective Coatings)failed protection466Square Feet515Effectiveness (Steel Protective Coatings)LOSS OF PAINT ALLOWING FRECKLED RUST.3152152Square Feet | 515 | Steel Pro | otective Coating | 819 | 661 | 0 | 152 | 6 S | quare Feet |
| 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)107CorrosionPRIORITY 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 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)433Feet107CorrosionFULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.274Feet515Effectiveness (Steel Protective Coatings)failed protection466Square Feet515Effectiveness (Steel Protective Coatings)LOSS OF PAINT ALLOWING FRECKLED RUST.3152152Square Feet | | Defect Turne | Defect Des | scription | | CS | CS Qty | | |
| 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)107CorrosionFULL LENGTH SCATTERED FRECKLED RUST ESPECIALLY ALONG THE BOTTOM FLANGE.274Feet515Effectiveness (Steel Protective Coatings)failed protection466Square Feet515Effectiveness (Steel Protective Coatings)LOSS OF PAINT ALLOWING FRECKLED RUST.3152152Square Feet | 107 | Corrosion | corrosion and section loss down to 5/8 inch remaining 16 inches long x full width. Web down to 9/16 inch remaining | | | | 2 | 2 | Feet |
| S15 Effectiveness (Steel Protective Coatings) failed protection 4 6 6 Square Feet S15 Effectiveness (Steel Protective Coatings) LOSS OF PAINT ALLOWING FRECKLED RUST. 3 152 152 Square Feet | 107 | Corrosion | and section loss down to 3/8 incl inches. Lower web down to 1/2 in 33 inches long. Bottom flange do 12 inches x full width. Left web s | x 12 les x ning | 4 | 3 | 3 | Feet | |
| Protective Coatings) State Free Coatings 515 Effectiveness (Steel Protective Coatings) LOSS OF PAINT ALLOWING FRECKLED RUST. 3 152 152 Square Feet | 107 | Corrosion | | | | 2 | 74 | | Feet |
| Protective Coatings) | | | failed protection | | | 4 | 6 | 6 | Square Feet |
| General Comments | | | LOSS OF PAINT ALLOWING FF | RECKLED RUST. | | 3 | 152 | 152 | Square Feet |
| | Ċ | General Comments | | | | | | | |

| Span 2 Plate Gir | der | Beam 5 | | | | | | |
|--------------------------|--------------------------------------|--------------------|--------------------|-----------------|------------------|-----------------|-----------------|-------------|
| Element Number 107 | Element Na Steel Open Girder/Beam | me | Total Qty 79 | CS1 Qty 2 | CS2 Qty 76 | CS3 Qty 1 | CS4 Qty 0 | |
| 515 | Steel Protective Coating | | 819 | 661 | 0 | 152 | 6 | Square Feet |
| Element Number | Defect Type | Defect Description | | | CS | CS Qty | Maint Qty | |

| Structure | Number: <u>100392</u> | | | Inspe | ection D | ate: <u>08/28/2024</u> |
|-----------|--|--|---|-------|----------|------------------------|
| 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 |
| | Conorol Commonto | | | | | |

| Spa | n 2 | | Beam 6 | | | | | | |
|-----------------|-----------------------------------|---|--|---|--|------------------|-----------------|-------------------|-------------|
| Plat | e Girder | | | | | | | | |
| | nent nber S | Element Name Steel Open Girder/Beam | | Total Qty 79 | CS1 Qty 2 | CS2 Qty 70 | CS3 Qty 4 | CS4 Qty 3 F | eet |
| 515 | S | Steel Protective Coating | | 819 | 661 | 12 | 0 | 146 S | quare Feet |
| Elemen Numbe | Dofoot T | уре | Defect Description | | | CS | CS Qty | Maint Qty | |
| 107 | Corrosion | | REQUEST At bent 2 wn to 7/16 inch remair | | | 4 | 1 | 1 | Feet |
| 107 | Corrosion | bearing corrosion au remaining full heigh remaining 4 inches down to 5/8 inch rer | REQUEST At bent 2 nd section loss down t t x 12 inches long ther x 2 feet long. Bottom f naining full width x 2 f to 1/2 inch remaining | to 7/16 inch n 3/8 inch Flange sectior eet long . Lef | ft | 4 | 2 | 2 | Feet |
| 107 | Corrosion | ORIGINAL THICKN inches WIDE STAR WEB IS DOWN TO END X 4 inches LO inches HIGH ALON HAVE BEEN MADE | LANGE IS DOWN TO ESS FOR 4 feet LON TING AT THE END A 3/8 inch FOR FULL H NG AND FOR 12 inch G THE BASE. STEEL IN THIS AREA. SEE PLATE DIMENSIONS | G X 3 inches T BENT 1. T IEIGHT ON 1 ies LONG X PLATE REF ADDITIONA | TO 4 HE THE 4 PAIRS | 3 | 4 | 4 | Feet |
| √ 107 | Distortion | Is Bowed Westward Of 12 Foot That Beg Point of Impact The To The Bottom Stiff Point of Impact (Loc Two Gouges On Th Inches Long X 1 Inc | ction Impact Damage J 9 Degrees Out Of Plu gins 11.5 Foot From B Weld Connecting The ener Plate Is Broken F cated 20.5 Foot From J e Bottom Flange. The th High X 3 Inch Deep I Inch High X 2 Inch D | umb For a Le ent 1. At The Bottom Flar For 30 Inches Bent 1) Also First One Is . The Second | ength e nge s. The Has 17 | 3 | | 12 | Feet |
| 107 | Corrosion | | ATTERED FRECKLED | | | 2 | 70 | | Feet |
| V 107 | Corrosion | Supplemental Inspe | ection Impact Damage On Web On The East | 18 Foot Of | Point | 2 | | | Feet |
| 515 | Effectiveness (Protective Coa | | LOWING FRECKLE | O RUST. | | 4 | 146 | 146 | Square Feet |
| 515 | Effectiveness (Protective Coa | Steel BEAM ENDS AT IN | TERIOR BENTS HAV KLED RUST IS BLEE G. | | UGH | 2 | 12 | 12 | Square Feet |

| ucture i | | | | | | | | | | |
|--|---|--|--|--|---|---|--|--|--|------------------------------------|
| | General Com | iments | | | | | | | | |
| | | | STEEL PLATE REPAI | | | | | | | |
| | | | X 5 inches WIDE PLAT | TE WELDED TO THE | RIGHT HALI | F OF THE E | BOTTON | 1 FLANGE | BEGINNING | AT |
| | | AR END. | 25 inches HIGH PLAT | | RIGHT FACE | | | | | |
| | | | X 5 inches HIGH PLAT | | | | | | | AT |
| | | | HE NEAR END. | | | | | | | |
| Spa | in 2 | | | Expansion Joint | t | | | | | |
| | | | | | • | | | | | |
| Star | ndard Join | t | | | | | | | | |
| Eler | ment | | | | Total | CS1 | CS2 | CS3 | CS4 | |
| | nber | | Element Name | | Qty | Qty | Qty | Qty | Qty | |
| 301 | | Pourabl | e Joint Seal | | 58 | 53 | 0 | 5 | 0 Fee | t |
| Elemen | .+ | | | | | | | | Maint | |
| Numbe | Dofoot | Туре | | Defect Description | 1 | | CS | CS Qty | Qty | |
| 301 | Seal Damag | le | FALLING JOINT M | ATERIAL IN BAY 1 A | T PIER 1. | | 3 | 5 | 5 F | eet |
| | | | | | | | | | | |
| | General Corr | nments | | | | | | | | |
| | JOINT IS | S NOT VI | SIBLE DUE TO WEAR | RING SURFACE. | | | | | | |
| Spa | n 2 | | | Wearing Surface | ` | | | | | |
| Spa | u 1 Z | | | Wearing Surrace | - | | | | | |
| Asp | halt Weari | ng Surf | face | | | | | | | |
| Flor | ment | | | | Total | CS1 | CS2 | CS3 | CS4 | |
| | nber | | Element Name | | Qty | Qty | Qty | Qty | Qty | |
| 510 | | Wearing | g Surface | | 2,760 | 2,720 | 0 | 40 | - | are Feet |
| | | | | | | | | | Mairt | |
| | | | | | | | ~~ | CS Qty | Maint | |
| Elemen Numbe | | Туре | | Defect Description | 1 | | CS | OU QUY | CJTV | |
| Elemen Numbe] 510 | | | 1/8 TO 1/4 INCH W | Defect Description | | THE | 3 | 40 | Qty 40 S | quare Feet |
| Numbe | er Defect | | 1/8 TO 1/4 INCH W INTERIOR BENT J | /IDE TRANSVERSE (| | THE | | - | | quare Feet |
| Numbe] 510 | r Defect Crack (Wear | ring | | /IDE TRANSVERSE (| | ΓHE | | - | | quare Feet |
| Numbe] 510 | r Defect Crack (Wear Surface) | ring | | /IDE TRANSVERSE (| | ΓHE | | - | | quare Feet |
| Numbe] 510 | r Defect Crack (Wear Surface) General Com | ring | INTERIOR BENT J | /IDE TRANSVERSE (OINT. | | THE | | - | | quare Feet |
| Numbe] 510 Spa | r Defect Crack (Wear Surface) General Corr | nments | INTERIOR BENT J | /IDE TRANSVERSE (| | ΓHE | | - | | quare Feet |
| Numbe] 510 Spa | r Defect Crack (Wear Surface) General Com | nments | INTERIOR BENT J | /IDE TRANSVERSE (OINT. | | THE | | - | | quare Feet |
| Numbe]510 Spa Fixe | r Defect Crack (Wear Surface) General Corr | nments | INTERIOR BENT J | /IDE TRANSVERSE (OINT. | | THE | | - | | quare Feet |
| Numbe 510 Spa Fixe Eler | r Defect Crack (Wear Surface) General Com In 2 ed Bearing | nments | INTERIOR BENT J | /IDE TRANSVERSE (OINT. | CRACK AT 1 | | 3 | 40 | 40 S | quare Feet |
| Numbe 510 Spa Fixe Eler | r Defect Crack (Wear Surface) General Com an 2 ed Bearing ment | nments | INTERIOR BENT J | /IDE TRANSVERSE (OINT. | CRACK AT 1 | CS1 | 3 CS2 | 40 CS3 | 40 S CS4 | <u>.</u> |
| Numbe]510 Spa Fix e Eler Num | r Defect Crack (Wear Surface) General Com an 2 ed Bearing ment | ring mments Fixed B | INTERIOR BENT J | /IDE TRANSVERSE (OINT. | CRACK AT 1 | CS1 Qty | 3 CS2 Qty | 40 CS3 | 40 S CS4 Qty 0 Eac | |
| Numbe 510 Spa Fixe Eler Nun 313 515 | r Defect Crack (Wear Surface) General Com an 2 ed Bearing ment mber | ring mments Fixed B | INTERIOR BENT J Element Name earing | /IDE TRANSVERSE (OINT. | Total Qty 1 | CS1 Qty 0 | 3 CS2 Qty 0 | 40 CS3 Qty 1 | CS4 Qty 0 Eac 2 Squ | <u>.</u> |
| Numbe 510 Spa Fixe Eler Nun 313 515 Elemen | r Defect Crack (Wear Surface) General Com an 2 ed Bearing ment mber | Fixed Bo Steel Pr | INTERIOR BENT J Element Name earing | /IDE TRANSVERSE (OINT. | Total Qty 1 2 | CS1 Qty 0 | 3 CS2 Qty 0 0 | 40 CS3 Qty 1 0 | 40 S CS4 Qty 0 Eac 2 Squ Maint | |
| Numbe 510 Spa Fixe Eler Nun 313 515 Elemen Numbe | r Defect Crack (Wear Surface) General Com an 2 ed Bearing ment mber | Fixed Bo Steel Pr | Element Name earing rotective Coating | IDE TRANSVERSE OOINT. | Total Qty 1 2 | CS1 Qty 0 | 3 CS2 Qty 0 0 CS | 40 CSS Qty 1 0 CS Qty | 40 S CS4 Qty 0 Eac 2 Squ Maint Qty | h are Feet |
| Numbe 510 Spa Fixe Eler Nun 313 515 Elemen | r Defect Crack (Wear Surface) General Com an 2 ed Bearing ment mber | Fixed Bo Steel Pr | Element Name earing rotective Coating | IDE TRANSVERSE OOINT. | Total Qty 1 2 SURFACE | CS1 Qty 0 0 | 3 CS2 Qty 0 0 | 40 CS3 Qty 1 0 | 40 S CS4 Qty 0 Eac 2 Squ Maint | h are Feet |
| Numbe 510 Spa Fixe Eler Nun 313 515 Elemen Numbe | r Defect Crack (Wear Surface) General Com an 2 ed Bearing ment mber | Fixed Bo Steel Pr | Element Name earing rotective Coating | IDE TRANSVERSE ON OINT. Near Bearing Defect Description LLOWING FLAKING H UP TO 1/8 INCH SE | Total Qty 1 2 SURFACE | CS1 Qty 0 0 | 3 CS2 Qty 0 0 CS | 40 CSS Qty 1 0 CS Qty | 40 S CS4 Qty 0 Eac 2 Squ Maint Qty | h are Feet |
| Numbe 510 Spa Fixe Eler Num 313 515 Elemen Numbe 313 | r Defect Crack (Wear Surface) General Com an 2 ed Bearing ment mber | Fixed B Steel Pr Type | Element Name earing rotective Coating LOSS OF PAINT A CORROSION WITH OVER THE ENTIRI | IDE TRANSVERSE ON OINT. Near Bearing Defect Description LLOWING FLAKING H UP TO 1/8 INCH SE | Total Qty 1 2 SURFACE | CS1 Qty 0 0 | 3 CS2 Qty 0 0 CS 3 | 40 CS3 Qty 1 0 CS Qty 1 | 40 S CS4 Qty 0 Eac 2 Squ Maint Qty 1 E | h are Feet ach |
| Numbe 510 Spa Fixe Eler Nun 313 515 Elemen Numbe | r Defect Crack (Wear Surface) General Com an 2 ed Bearing ment mber t Defect Corrosion Effectivenes | Fixed Bo Steel Pr Type s (Steel | Element Name earing rotective Coating | IDE TRANSVERSE ON OINT. Near Bearing Defect Description LLOWING FLAKING H UP TO 1/8 INCH SE | Total Qty 1 2 SURFACE | CS1 Qty 0 0 | 3 CS2 Qty 0 0 CS | 40 CSS Qty 1 0 CS Qty | 40 S CS4 Qty 0 Eac 2 Squ Maint Qty 1 E | h are Feet |
| Spa Fixe Eler Nun 313 515 Elemen Numbe 313 | r Defect Crack (Wear Surface) General Com an 2 ed Bearing ment mber t Defect Corrosion Effectivenes Protective C | Fixed B Steel Pr Type s (Steel oatings) | Element Name earing rotective Coating LOSS OF PAINT A CORROSION WITH OVER THE ENTIRI | IDE TRANSVERSE ON OINT. Near Bearing Defect Description LLOWING FLAKING H UP TO 1/8 INCH SE | Total Qty 1 2 SURFACE | CS1 Qty 0 0 | 3 CS2 Qty 0 0 CS 3 | 40 CS3 Qty 1 0 CS Qty 1 | 40 S CS4 Qty 0 Eac 2 Squ Maint Qty 1 E | h are Feet ach |
| Spa Fixe Eler Nun 313 515 Elemen Numbe 313 | r Defect Crack (Wear Surface) General Com an 2 ed Bearing ment mber t Defect Corrosion Effectivenes | Fixed B Steel Pr Type s (Steel oatings) | Element Name earing rotective Coating LOSS OF PAINT A CORROSION WITH OVER THE ENTIRI | IDE TRANSVERSE ON OINT. Near Bearing Defect Description LLOWING FLAKING H UP TO 1/8 INCH SE | Total Qty 1 2 SURFACE | CS1 Qty 0 0 | 3 CS2 Qty 0 0 CS 3 | 40 CS3 Qty 1 0 CS Qty 1 | 40 S CS4 Qty 0 Eac 2 Squ Maint Qty 1 E | h are Feet ach |
| Numbe 510 Spa Fixe Eler Num 515 Elemen Numbe 313 515 | r Defect Crack (Wear Surface) General Com an 2 ed Bearing ment mber t Defect Corrosion Effectivenes Protective C | Fixed B Steel Pr Type s (Steel oatings) | Element Name earing rotective Coating LOSS OF PAINT A CORROSION WITH OVER THE ENTIRI | IDE TRANSVERSE ON OINT. Near Bearing Defect Description LLOWING FLAKING H UP TO 1/8 INCH SE | Total Qty 1 2 SURFACE | CS1 Qty 0 0 | 3 CS2 Qty 0 0 CS 3 | 40 CS3 Qty 1 0 CS Qty 1 | 40 S CS4 Qty 0 Eac 2 Squ Maint Qty 1 E | h are Feet ach |
| Numbe 510 Spa Fixe Eler Num 515 Elemen Numbe 313 515 | r Defect Crack (Wear Surface) General Corr an 2 ed Bearing ment nber nt Corrosion Effectivenes Protective C General Corr | Fixed B Steel Pr Type s (Steel oatings) | Element Name earing rotective Coating LOSS OF PAINT A CORROSION WITH OVER THE ENTIRI failed protection | IDE TRANSVERSE ON OINT. Near Bearing Defect Description LLOWING FLAKING H UP TO 1/8 INCH SE | Total Qty 1 2 SURFACE | CS1 Qty 0 0 | 3 CS2 Qty 0 0 CS 3 | 40 CS3 Qty 1 0 CS Qty 1 | 40 S CS4 Qty 0 Eac 2 Squ Maint Qty 1 E | h are Feet ach |
| Numbe 510 Spa Fixe Eler Num 515 Elemen Numbe 313 515 Spa | r Defect Crack (Wear Surface) General Com an 2 ed Bearing ment mber tr Defect Corrosion Effectivenes Protective C General Com | Fixed Be Steel Pr Type s (Steel oatings) | Element Name earing rotective Coating LOSS OF PAINT A CORROSION WITH OVER THE ENTIRI failed protection | IDE TRANSVERSE ON OINT. Near Bearing Defect Description LLOWING FLAKING H UP TO 1/8 INCH SE E BEARING. | Total Qty 1 2 SURFACE | CS1 Qty 0 0 | 3 CS2 Qty 0 0 CS 3 | 40 CS3 Qty 1 0 CS Qty 1 | 40 S CS4 Qty 0 Eac 2 Squ Maint Qty 1 E | h are Feet ach |
| Numbe 510 Spa Fixe Eler Num 515 Elemen Numbe 313 515 Spa | r Defect Crack (Wear Surface) General Corr an 2 ed Bearing ment nber nt Corrosion Effectivenes Protective C General Corr | Fixed Be Steel Pr Type s (Steel oatings) | Element Name earing rotective Coating LOSS OF PAINT A CORROSION WITH OVER THE ENTIRI failed protection | IDE TRANSVERSE ON OINT. Near Bearing Defect Description LLOWING FLAKING H UP TO 1/8 INCH SE E BEARING. | Total Qty 1 2 SURFACE | CS1 Qty 0 0 | 3 CS2 Qty 0 0 CS 3 | 40 CS3 Qty 1 0 CS Qty 1 | 40 S CS4 Qty 0 Eac 2 Squ Maint Qty 1 E | h are Feet ach |
| Numbe 510 Spa Fixe Eler Num 515 Elemen Numbe 313 515 Spa Mov | r Defect Crack (Wear Surface) General Com an 2 ed Bearing ment mber tr Defect Corrosion Effectivenes Protective C General Com | Fixed Be Steel Pr Type s (Steel oatings) | Element Name earing rotective Coating LOSS OF PAINT A CORROSION WITH OVER THE ENTIRI failed protection | IDE TRANSVERSE ON OINT. Near Bearing Defect Description LLOWING FLAKING H UP TO 1/8 INCH SE E BEARING. | Total Qty 1 2 SURFACE ECTION LOS | CS1 Qty 0 0 | 3 CS2 Qty 0 0 CS 3 | 40 CS3 Qty 1 0 CS Qty 1 | 40 S CS4 Qty 0 Eac 2 Squ Maint Qty 1 E 2 S | h are Feet ach |
| Numbe 510 Spa Fixe Eler Num 515 Elemen Numbe 313 515 Spa Mov Eler Num | r Defect Crack (Wear Surface) General Corr an 2 ed Bearing ment mber t Defect Corrosion Effectivenes Protective C General Corr an 2 vable Bear | Fixed Be Steel Pr Type s (Steel oatings) ments | Element Name earing rotective Coating LOSS OF PAINT A CORROSION WITH OVER THE ENTIRI failed protection | IDE TRANSVERSE ON OINT. Near Bearing Defect Description LLOWING FLAKING H UP TO 1/8 INCH SE E BEARING. | Total Qty 1 2 SURFACE ECTION LOS | CS1 Qty 0 0 5S | 3 CS2 Qty 0 0 CS 3 4 CS2 Qty | 40 CS3 Qty 1 0 CS Qty 1 2 2 CS3 Qty | 40 S CS4 Qty 0 Eac 2 Squ Maint Qty 1 E 2 S | h are Feet ach quare Feet |
| Numbe 510 Spa Fixe Eler Num 515 Elemen Numbe 313 515 Spa Mov Eler | r Defect Crack (Wear Surface) General Corr an 2 ed Bearing ment mber t Defect Corrosion Effectivenes Protective C General Corr an 2 vable Bear ment | Fixed Be Steel Pr Type s (Steel oatings) ments | Element Name earing rotective Coating LOSS OF PAINT A CORROSION WITH OVER THE ENTIRI failed protection | IDE TRANSVERSE ON OINT. Near Bearing Defect Description LLOWING FLAKING H UP TO 1/8 INCH SE E BEARING. | Total Qty 1 2 SURFACE ECTION LOS | CS1 Qty 0 0 5S CS1 | 3 CS2 Qty 0 0 CS 3 4 | 40 CS3 Qty 1 0 CS Qty 1 2 2 CS3 | 40 S CS4 Qty 0 Eac 2 Squ Maint Qty 1 E 2 S | h are Feet ach quare Feet |
| Numbe 510 Spa Fixe Eler Num 515 Elemen Numbe 313 515 Spa Mov Eler Num | r Defect Crack (Wear Surface) General Corr an 2 ed Bearing ment mber t Defect Corrosion Effectivenes Protective C General Corr an 2 vable Bear ment | ring ments Fixed Ba Steel Pr Type s (Steel oatings) ments ing Movable | Element Name earing rotective Coating LOSS OF PAINT A CORROSION WITH OVER THE ENTIRI failed protection | IDE TRANSVERSE ON OINT. Near Bearing Defect Description LLOWING FLAKING H UP TO 1/8 INCH SE E BEARING. | Total Qty 1 2 SURFACE ECTION LOS | CS1 Qty 0 0 5S | 3 CS2 Qty 0 0 CS 3 4 CS2 Qty | 40 CS3 Qty 1 0 CS Qty 1 2 2 CS3 Qty | 40 S CS4 Qty 0 Eac 2 Squ Maint Qty 1 E 2 S 2 S 2 S | h are Feet ach quare Feet |
| Numbe 510 Spa Fixe Eler Num 313 515 Elemen Numbe 313 515 Spa Mov Eler Num 311 515 | r Defect Crack (Wear Surface) General Corr an 2 ed Bearing ment nber nt Corrosion Effectivenes Protective C General Corr an 2 /able Beari ment nber | ring ments Fixed Ba Steel Pr Type s (Steel oatings) ments ing Movable | Element Name earing rotective Coating LOSS OF PAINT A CORROSION WITH OVER THE ENTIRI failed protection | IDE TRANSVERSE ON OINT. Near Bearing Defect Description LLOWING FLAKING H UP TO 1/8 INCH SE E BEARING. | Total Qty 1 2 SURFACE ECTION LOS | CS1 Qty 0 0 SS CS1 Qty 0 | 3 CS2 Qty 0 0 CS 3 4 CS2 Qty 0 | 40 CS3 Qty 1 0 CS Qty 1 2 CS 3 Qty 1 | 40 S CS4 Qty 0 Eac 2 Squ Maint Qty 1 E 2 S 2 S 40 2 Squ 0 Eac 2 Squ | h are Feet ach quare Feet |
| Numbe 510 Spa Fixe Eler Num 313 515 Elemen Numbe 313 515 Spa Mov Eler Num 311 | r Defect Crack (Wear Surface) General Corr an 2 ed Bearing ment mber t Defect Corrosion Effectivenes Protective C General Corr an 2 /able Beart ment mber | ring ments Fixed Ba Steel Pr Type s (Steel oatings) ments ing Movable Steel Pr | Element Name earing rotective Coating LOSS OF PAINT A CORROSION WITH OVER THE ENTIRI failed protection | IDE TRANSVERSE ON OINT. Near Bearing Defect Description LLOWING FLAKING H UP TO 1/8 INCH SE E BEARING. | Total Qty 1 2 SURFACE ECTION LOS | CS1 Qty 0 0 SS CS1 Qty 0 | 3 CS2 Qty 0 0 CS 3 4 CS2 Qty 0 | 40 CS3 Qty 1 0 CS Qty 1 2 CS 3 Qty 1 | 40 S CS4 Qty 0 Eac 2 Squ Maint Qty 1 E 2 S 2 S 2 S | h are Feet ach quare Feet |

| ucture Numbe | r: <u>100392</u> | | | | | In | spection | Date: 08/28/2024 |
|---------------------|-----------------------------------|---|--------------|------------|------------|------------|--------------|------------------|
|] 311 Corros | sion | LOSS OF PAINT ALLOWING FLA CORROSION WITH UP TO 1/8 IN OVER THE ENTIRE BEARING. | | | 3 | 1 | | 1 Each |
| | iveness (Steel ctive Coatings) | failed protection | | | 4 | 2 | | 2 Square Feet |
| Genera | al Comments | | | | | | | |
| | | | | | | | | |
| Span 2 | | Near Beari | ng | | | | | |
| Fixed Bea | aring | | | | | | | |
| Element Number | | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| 313 | Fixed Be | aring | 1 | 0 | 0 | 1 | 0 | Each |
| 515 | Steel Pro | tective Coating | 2 | 0 | 0 | 0 | 2 | Square Feet |
| Element Number I | Defect Type | Defect Desc | ription | | CS | CS Qty | Maint Qty | |
|] 313 Corros | sion | LOSS OF PAINT ALLOWING FLA CORROSION WITH UP TO 1/8 in OVER THE ENTIRE BEARING. | | | 3 | 1 | | 1 Each |
| | iveness (Steel | Failed protection | | | 4 | 2 | | 2 Square Feet |

| Spa | n 2 | Far Bearing | | | | | |
|-------------------------------|--|--|-------------------|-----------------|-----------------|-----------------|-------------------------|
| Mov | able Bearing | | | | | | |
| Elen Num 311 | nent nber Movable | Element Name Bearing | Total Qty 1 | CS1 Qty 0 | CS2 Qty 0 | CS3 Qty 1 | CS4 Qty 0 Each |
| 515 | Steel Pro | ptective Coating | 2 | 0 | 0 | 0 | 2 Square Feet |
| Elemen [:] Number | - Defect Type | Defect Description | I | | CS | CS Qty | Maint Qty |
| 311 | Composion | | | | | | |
| | Corrosion | LOSS OF PAINT ALLOWING FLAKING CORROSION WITH UP TO 1/8 INCH SE OVER THE ENTIRE BEARING. | | 8 | 3 | 1 | 1 Each |
| 515 | Effectiveness (Steel Protective Coatings) General Comments | CORROSION WITH UP TO 1/8 INCH SE | | 6 | 3 | 1 | 1 Each 2 Square Feet |

| Spa | an 2 | Near Bearing | | | | | | |
|--------|--|--|--------------|------------|------------|------------|--------------|-------------|
| Fix | ed Bearing | | | | | | | |
| | ement mber | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| 313 | Fixed Be | earing | 1 | 0 | 0 | 1 | 0 1 | Each |
| 515 | Steel Pr | otective Coating | 2 | 0 | 0 | 0 | 2 \$ | Square Feet |
| Elemer | Defect Type | Defect Descripti | on | | CS | CS Qty | Maint Qty | |
| 313 | Corrosion | LOSS OF PAINT ALLOWING FLAKIN CORROSION WITH UP TO 1/8 INCH 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 Total CS1 CS2 CS3 CS4 Qty Element Name Number Qty Qty Qty Qty 311 Movable Bearing 0 Each 0 0 1 1 515 Steel Protective Coating 2 0 0 0 2 Square Feet Element Maint CS CS Qty Defect Type **Defect Description** Qty Number LOSS OF PAINT ALLOWING FLAKING SURFACE 3 1 1 Each 311 Corrosion CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING. Effectiveness (Steel 2 2 Square Feet 515 failed protection 4 Protective Coatings) **General Comments** Span 2 Near Bearing **Fixed Bearing** Element Total CS1 CS2 CS3 CS4 Element Name Number Qty Qty Qty Qty Qty 313 **Fixed Bearing** 0 0 1 0 Each 1 2 515 Steel Protective Coating 0 0 0 2 Square Feet Element Maint **Defect Description** CS CS Qty Defect Type Number Qty 313 Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE 3 1 1 Each CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING. 515 Effectiveness (Steel failed protection 4 2 2 Square Feet Protective Coatings) General Comments Span 2 Far Bearing Movable Bearing CS1 CS2 CS4 Element Total CS3 Number Element Name Qty Qty Qty Qty Qty 311 Movable Bearing 0 0 0 Each 1 1 2 0 0 0 515 Steel Protective Coating 2 Square Feet Element Maint Defect Type **Defect Description** CS CS Qty Number Qty LOSS OF PAINT ALLOWING FLAKING SURFACE 3 311 Corrosion 1 1 Each CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING. 515 Effectiveness (Steel failed protection 4 2 2 Square Feet Protective Coatings) **General Comments**

| Number: <u>100392</u> | | | | | In | spection Date: <u>08/</u> | 28/2024 |
|----------------------------|---|--|---|---|---|--|--|
| in 2 | Near Bear | ing | | | | | |
| ed Bearing | | | | | | | |
| nent nber | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| Fixed | Bearing | 1 | 0 | 0 | 1 | 0 Each | |
| Steel | Protective Coating | 2 | 0 | 0 | 0 | 2 Square F | eet |
| t - Defect Type | Defect Des | cription | | CS | CS Qtv | Maint | |
| Corrosion | LOSS OF PAINT ALLOWING FL | AKING SURFACE | 6 | 3 | 1 | 1 Each | |
| | | | | 4 | 2 | 2 Squar | e Feet |
| n 2 | Far Bearir | ng | | | | | |
| able Bearing | | | | | | | |
| nent | | Total | CS1 | CS2 | CS3 | CS4 | |
| | | Qty 1 | Qty 0 | Qty 0 | Qty 1 | Qty 0 Each | |
| | - | 2 | 0 | 0 | 0 | 2 Square F | eet |
| t Defect Type | Defect Des | cription | | <u></u> | CS Otv | Maint | |
| r Defect Type Corrosion | LOSS OF PAINT ALLOWING FL | AKING SURFACE | 6 | 3 | 1 | Qty 1 Each | |
| | | | | 4 | 2 | 2 Squar | e Feet |
| General Comments | | | | | | | |
| n 0 | Near Pear | ing | | | | | |
| | Ineal Deal | ing | | | | | |
| - | | Total | 004 | 000 | 000 | 004 | |
| nber | Element Name | Qty | Qty | Qty | Qty | Qty | |
| | 0 | 1 | 0 | 0 | 1 | 0 Each | |
| Steel | Protective Coating | 2 | 0 | 0 | 0 | 2 Square F | eet |
| t r Defect Type | Defect Des | cription | | CS | CS Qty | Maint Qty | |
| Corrosion | LOSS OF PAINT ALLOWING FL CORROSION WITH UP TO 1/8 OVER THE ENTIRE BEARING. | AKING SURFACE | 3 | 3 | 1 | 1 Each | |
| | | | | | | | |
| | n 2 ed Bearing nent hber Fixed Steel t T Defect Type Corrosion Effectiveness (Steel Protective Coatings) General Comments n 2 rable Bearing nent hber Moval Steel t Defect Type Corrosion Effectiveness (Steel Protective Coatings) General Comments f Corrosion Effectiveness (Steel Protective Coatings) General Comments f a Bearing nent hber Fixed Steel | n 2 Near Bear d Bearing nent her Element Name Fixed Bearing Steel Protective Coating t Defect Type Defect Des Corrosion LOSS OF PAINT ALLOWING FL CORROSION WITH UP TO 1/8 I OVER THE ENTIRE BEARING. Effectiveness (Steel failed protection Protective Coatings) General Comments n 2 Far Bearing nent her Element Name Movable Bearing Steel Protective Coating t Defect Type Defect Des Corrosion LOSS OF PAINT ALLOWING FL CORROSION WITH UP TO 1/8 I OVER THE ENTIRE BEARING. Effectiveness (Steel failed protection Protective Coatings) General Comments n 2 Far Bearing Steel Protective Coating t Defect Type Defect Des Corrosion LOSS OF PAINT ALLOWING FL CORROSION WITH UP TO 1/8 I OVER THE ENTIRE BEARING. Effectiveness (Steel failed protection Protective Coatings) General Comments n 2 Near Bear d Bearing Steel Protective Coating t Defect Type Defect Des Corrosion LOSS OF PAINT ALLOWING FL CORROSION WITH UP TO 1/8 I OVER THE ENTIRE BEARING. | n 2 Near Bearing nent ber Element Name Total Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING. Effectiveness (Steel failed protection Protective Coating 1 Steel Protective Coating 2 t Defect Type Defect Description Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING. Effectiveness (Steel failed protection Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING. Effectiveness (Steel failed protection Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING. Effectiveness (Steel failed protection Protective Coatings) General Comments n 2 Near Bearing 1 Steel Protective Coating 2 t Defect Type Defect Description Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING. Effectiveness (Steel failed protection Protective Coatings) General Comments n 2 Near Bearing 1 Steel Protective Coating 2 t Defect Type Defect Description Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING. | n 2 Near Bearing nent Element Name Total Qty CS1 Qty her Element Name Total Qty CS1 Qty Fixed Bearing 1 0 Steel Protective Coating 2 0 t Defect Type Defect Description Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING. Effectiveness (Steel Protective Coatings) failed protection General Comments Total Novable Bearing CS1 Qty n 2 Far Bearing 1 0 steel Protective Coatings) Steel Protective Coating 2 0 t Defect Description CSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING. Steel Protective Coating 2 0 t Defect Type Defect Description CST CST Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS CST General Comments failed protection Total CST no Steel Protective Coatings 2 0 general Comments | n 2 Near Bearing d Bearing nent her Element Name City City City Fixed Bearing 1 0 0 Steel Protective Coating 2 0 0 t Defect Type Defect Description CS Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING. Effectiveness (Steel Protective Coatings) f alled protection 4 Protective Coatings) f Defect Type Defect Description CS and Corrosion COSS OF PAINT ALLOWING FLAKING SURFACE failed protection 4 Protective Coatings) f Defect Type Defect Description CS f Defect Type Defect Description CS f Defect Type Defect Description CS Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING. f Defect Type Defect Description CS Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING. Effectiveness (Steel Protective Coatings) f Defect Type Defect Description CS Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS OVER THE ENTIRE BEARING. Effectiveness (Steel failed protection 4 Protective Coatings) General Comments n 2 Near Bearing 1 0 0 Steel Protective Coating 2 0 f Defect Type Defect Description CS Gorrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS General Comments n 2 Near Bearing 1 0 0 Steel Protective Coating 2 0 f Defect Type Defect Description CS Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS Corrosion LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS CORROSION WITH UP TO 1/8 INCH SECTION LOSS | n 2 Near Bearing and Bearing nent ther Element Name Fixed Bearing 1 0 0 0 1 Steel Protective Coating 2 0 0 0 1 Defect Type CORROSION WITH UP TO 1/3 INCH SECTION LOSS CORROSION WITH UP TO 1/3 INCH SECTION LOSS 0 0 1 Defect Type Element Name Movable Bearing 1 0 0 1 Corrosion 1 Defect Type Element Name 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 | n 2 Near Bearing nent her Element Name Total CS1 CS2 CS3 CS4 Cty Discrete Correction C |

| Span 2 | Far Bearing | | | | | |
|----------------------------------|--|-------------------|-----------------|-----------------|-----------------|----------------------|
| Movable Bear | ing | | | | | |
| Element Number 311 | Element Name Movable Bearing | Total Qty 1 | CS1 Qty 0 | CS2 Qty 0 | CS3 Qty 1 | CS4 Qty 0 Each |
| 515 | Steel Protective Coating | 2 | 0 | 0 | 0 | 2 Square Feet |
| Element Number Defec | t Type Defect Descripti | on | | CS | CS Qty | Maint Qty |
| 311 Corrosion | LOSS OF PAINT ALLOWING FLAKIN CORROSION WITH UP TO 1/8 INCH OVER THE ENTIRE BEARING. | | S | 3 | 1 | 1 Each |
| 515 Effectivenes Protective C | | | | 4 | 2 | 2 Square Feet |
| General Cor | nments | | | | | |
| 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 Defec | t Type Defect Descripti | on | | CS | CS Qty | Maint Qty |
| 107 Corrosion | At bent 3 bottom flange corrosion/ sca loss full width x 2 feet long. Web section inch remaining full height x 12 inches l | on loss down to | | 3 | 2 | 2 Feet |
| 107 Corrosion | Upper web at bent 2 corrosion and sec inch remaining 3 inches high x 6 inche | | to 5/8 | 3 | 1 | 1 Feet |
| 107 Damage | Concrete end diaphragm at left overha | | osed | 3 | | Feet |

| - | | inch remaining 3 inches high x 6 inches long | | | |
|-------|--|--|---|-----|-----------------|
|] 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 107 515 | Element Name Steel Open Girder/Beam Steel Protective Coating | Total Qty 71 721 | CS1 Qty 0 579 | CS2 Qty 64 0 | CS3 Qty 0 136 | CS4 Qty 7 Feet 6 Square Feet |
| Element Number Defect | Type Defect Description | n | | CS | CS Qty | Maint Qty |
| 107 Corrosion | PRIORITY ACTION REQUEST At bent corrosion and section loss down to 15/1 full width x 7 feet long. Web at end dowr remaining 14 inches high x 12 inches lo down to 9/16 inch remaining 2 inches hi (PAR) | 6 inch remain n to 9/16 inch ng. Web Stiffe | ing ener | 4 | 7 | 7 Feet |
| 107 Corrosion | FULL LENGTH SCATTERED SURFACT WITH NO MEASURABLE SECTION LC | | N | 2 | 64 | Feet |

| Structure | Structure Number: 100392 Inspection I | | | | | | |
|-----------|--|---------------------------------------|---|-----|-----------------|--|--|
| 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 | | |

| Spa | n 3 | Beam 3 | | | | | | |
|------------------|--|---|--------------------|-----------------|------------------|-----------------|-----------------|-------------|
| Plat | e Girder | | | | | | | |
| | nent nber Steel Or | Element Name ben Girder/Beam | Total Qty 71 | CS1 Qty 2 | CS2 Qty 66 | CS3 Qty 3 | CS4 Qty 0 | Feet |
| 515 | | otective Coating | 721 | 579 | 0 | 136 | - | Square Feet |
| Elemen Number | Dofoot Typo | Defect Descri | ption | | CS | CS Qty | Maint Qty | |
| 107 | Corrosion | At bent 2 top left web corrosion and 5/8 inch remaining 12 inches long x | | n to | 3 | 1 | 1 | Feet |
| 107 | Corrosion | At bent 3 corrosion with no section width x 2 feet long. Web section los remaning full height x 7 inches long | s down to 11/16 ir | | 3 | 2 | 2 | Feet |
| 107 | Corrosion | FULL LENGTH SCATTERED FRE | | | 2 | 66 | | Feet |
| 515 | Effectiveness (Steel Protective Coatings) | failed protection | | | 4 | 6 | 6 | Square Feet |
| 515 | Effectiveness (Steel Protective Coatings) | LOSS OF PAINT ALLOWING FRE | CKLED RUST. | | 3 | 136 | 136 | Square Feet |
| (| General Comments | | | | | | | |

| Spa | an 3 | Beam 4 | | | | | | |
|-----------------|--|--|---|-------------|------------|------------|--------------|-------------|
| Pla | te Girder | | | | | | | |
| = | ment mber | Total CS1 Element Name Qty Qty | | CS2 Qty | CS3 Qty | CS4 Qty | | |
| 107 | Steel Op | en Girder/Beam | 71 | 0 | 67 | 0 | 4 F | eet |
| 515 | Steel Pro | ptective Coating | 721 | 579 | 0 | 136 | 6 5 | Square Feet |
| Elemer Numbe | Defect Type | Defect Descr | iption | | CS | CS Qty | Maint Qty | |
| 107 | Corrosion | PRIORITY ACTION REQUEST At I beam end corrosion and section los remaining full width x 6 inches long to 9/16 inch remaining full height x | ss down to 15/16 ii . Web secton loss | nch down | 4 | 1 | 1 | Feet |
| 107 | Corrosion | PRIORITY ACTION REQUEST Bot corrosion and section loss down to width x 3 feet long. Web down to 5/ height x 2 feet long. Web stiffener of remaining 2 inches high x 8 inches | 3/4 inch remaining 8 inch remaining f down to 7/16 inch | g full | 4 | 3 | 3 | Feet |
| 107 | Corrosion | FULL LENGTH SCATTERED FREE ESPECIALLY ALONG THE BOTTO | | | 2 | 67 | | Feet |
| 515 | Effectiveness (Steel Protective Coatings) | failed protection | | | 4 | 6 | 6 | Square Feet |
| 515 | Effectiveness (Steel Protective Coatings) | LOSS OF PAINT ALLOWING FRE | CKLED RUST. | | 3 | 136 | 136 | Square Feet |
| | General Comments | | | | | | | |

Span 3 Plate Girder

| | ement mber Steel O | Element Name pen Girder/Beam | Total Qty 71 | CS1 Qty 0 | CS2 Qty 68 | CS3 Qty 0 | CS4 Qty 3 F | Feet |
|-------|--|---|--------------------------|-----------------|------------------|-----------------|-------------------|-------------|
| 515 | Steel P | rotective Coating | 721 | 579 | 0 | 136 | 6 5 | Square Feet |
| Eleme | Dofact Type | Defect Description | | | CS | CS Qty | Maint Qty | |
| 107 | Corrosion | PRIORITY ACTION REQUEST At bent 3 corrosion and section loss down to 15/16 full width x 3 feet long. Upper web section 9/16 inch remaining 5 inches high x 12 inc | inch remair loss down | ning to | 4 | 3 | 3 | Feet |
| 107 | Damage | Concrete end diaphragm at bent 3 spall w 30 inches long x 5 inches high x 1 inch de | | l rebar | 3 | | | Feet |
| 107 | Corrosion | FULL LENGTH SCATTERED FRECKLED ESPECIALLY ALONG THE BOTTOM FL | | | 2 | 68 | | Feet |
| 515 | Effectiveness (Steel Protective Coatings) | failed protection | | | 4 | 6 | 6 | Square Feet |
| 515 | Effectiveness (Steel Protective Coatings) | LOSS OF PAINT ALLOWING FRECKLEI | ORUST. | | 3 | 136 | 136 | Square Feet |
| | General Comments | | | | | | | |

Span 3

Beam 6

Plate Girder

| Flate | e Giruer | | | | | | | |
|--------------------|--------------------------------------|---|---|----------------------|------------------|-----------------|------------------|-------------|
| Elen Num 107 | nber | Element Name teel Open Girder/Beam | Total Qty 71 | CS1 Qty 0 | CS2 Qty 58 | CS3 Qty 0 | CS4 Qty 13 | Feet |
| 515 | St | teel Protective Coating | 721 | 579 | 0 | 130 | 12 | Square Feet |
| Element Number | Dofoot True | pe Defect Description | | | CS | CS Qty | Maint Qty | |
| 107 | Corrosion | PRIORITY ACTION REQUEST At Bent 2 FLANGE corrosion and section loss down remaining FOR full width x 8 feet long. W DOWN TO 11/16 inch FOR 2 inches high Web down to 1/2 inch remaining up to 9 i feet long (PAR) | to 11/16 ir EB stiffener x 7 inches | nch · IS long. | 4 | 8 | 8 | Feet |
| 107 | Corrosion | PRIORITY ACTION REQUEST At bent 3 FLANGE IS DOWN TO 1/2 inch remainin inches long. Web down to 9/16 inch rema height x 5 feet long (PAR). | g full width | x 18 | 4 | 5 | 5 | Feet |
| 107 | Damage | Concrete diaphragm ar right overhang de 14 inches x 5 inches x 18 inches with cra inch wide | | | 3 | | | Feet |
| 107 | Corrosion | FULL LENGTH SCATTERED FRECKLE ESPECIALLY ALONG THE BOTTOM FL | | | 2 | 58 | | Feet |
| 515 | Effectiveness (S Protective Coati | 1 | | | 4 | 12 | 12 | Square Feet |
| 515 | Effectiveness (S Protective Coati | | D RUST. | | 3 | 130 | 130 | Square Feet |
| (| General Comme | ents | | | | | | |

Span 3

| Asphall wearing Sunac | Asphalt Wea | ring S | urface |
|-----------------------|-------------|--------|--------|
|-----------------------|-------------|--------|--------|

| Eler Nur | | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|-------------------|----------------------------|--------------------------------------|------------------------|------------|------------|------------|--------------|-------------|
| 510 | Wearing | g Surface | 2,473 | 2,431 | 2 | 40 | 0 5 | Square Feet |
| Element Number | Defect Type | Defect De | escription | | CS | CS Qty | Maint Qty | |
| 510 | Crack (Wearing Surface) | 1/8 TO 1/4 INCH WIDE TRANS JOINT. | SVERSE CRACK AT | BENT 2 | 3 | 40 | 40 | Square Feet |
| 510 | Crack (Wearing Surface) | 5 feet from bent 2 map cracking | g up to 1/32 inch wide | 9 | 2 | 2 | 2 | Square Feet |

General Comments

Span 3

Near Bearing

| Elo | ment | | Total | CS1 | CS2 | CS3 | CS4 | |
|-----------------|--|---|-------|-----|-----|--------|--------------|--------------|
| | mber | Element Name | Qty | Qty | Qty | Qty | Qty | |
| 313 | Fixed Be | aring | 1 | 0 | 0 | 1 | 0 | Each |
| 515 | Steel Pre | otective Coating | 2 | 0 | 0 | 0 | 2 3 | Square Feet |
| Elemen Numbe | Dofact Type | Defect Descri | otion | | CS | CS Qty | Maint Qty | |
| 313 | Corrosion | LOSS OF PAINT ALLOWING FLAK CORROSION WITH UP TO 1/8 INC OVER THE ENTIRE BEARING. | | | 3 | 1 | 1 | Each |
| 515 | Effectiveness (Steel Protective Coatings) | failed protection | | | 4 | 2 | 2 | 2 Square Fee |

General Comments

Span 3 Far Bearing Movable Bearing Element Total CS1 CS2 CS3 CS4 Element Name Number Qty Qty Qty Qty Qty 311 Movable Bearing 1 0 0 1 0 Each 515 Steel Protective Coating 2 0 0 0 2 Square Feet Element Maint **Defect Description** CS CS Qty Defect Type Number Qty LOSS OF PAINT ALLOWING FLAKING SURFACE CORROSION WITH UP TO 1/8 INCH SECTION LOSS 3 1 Each 311 Corrosion 1 OVER THE ENTIRE BEARING. Effectiveness (Steel Protective Coatings) 515 failed protection 4 2 2 Square Feet

| Span 3 | | Near Bearing | | | | | | |
|-------------------|---------------------|--------------------|--------------|------------|------------|--------|--------------|-------------|
| Fixed B | earing | | | | | | | |
| Element Number | Eleme | ent Name | Total Qty | CS1 Qty | CS2 Qty | | CS4 Qty | |
| 313 | Fixed Bearing | | 1 | 0 | 0 | 1 | 0 | Each |
| 515 | Steel Protective Co | ating | 2 | 0 | 0 | 0 | 2 | Square Feet |
| Element Number | Defect Type | Defect Description | | | CS | CS Qty | Maint Qty | |

| Structure Number: 10039 | 2 | | | | Ins | spection Date: <u>08/28/2024</u> |
|--|---|--|---------------------------|-----------------|-----------------|----------------------------------|
| 313 Corrosion | LOSS OF PAINT AL | LOWING FLAKING SURFA UP TO 1/8 INCH SECTION BEARING. | | 3 | 1 | 1 Each |
| 515 Effectiveness (Protective Coat | | | | 4 | 2 | 2 Square Feet |
| General Comme | ints | | | | | |
| Span 3 | F | Far Bearing | | | | |
| Movable Bearing | 3 | | | | | |
| Element Number 311 M | Element Name lovable Bearing | To C | tal CS1 ety Qty 1 0 | CS2 Qty 0 | CS3 Qty 1 | CS4 Qty 0 Each |
| 515 S | teel Protective Coating | | 2 0 | 0 | 0 | 2 Square Feet |
| Element Number Defect Ty] 311 Corrosion | LOSS OF PAINT AL | Defect Description LOWING FLAKING SURFA UP TO 1/8 INCH SECTION BEARING. | | CS 3 | CS Qty 1 | Maint Qty 1 Each |
| 515 Effectiveness (Protective Coat | | | | 4 | 2 | 2 Square Feet |
| General Comme | ints | | | | | |
| Span 3 Fixed Bearing | 1 | Near Bearing | | | | |
| Element Number 313 F | Element Name ixed Bearing | To C | tal CS1 ety Qty 1 0 | CS2 Qty 0 | CS3 Qty 1 | CS4 Qty 0 Each |
| 515 S | teel Protective Coating | | 2 0 | 0 | 0 | 2 Square Feet |
| | | | | | | |
| Element Number Defect Ty | ре | Defect Description | | CS | CS Qty | Maint Qty |
| | LOSS OF PAINT AL | LOWING FLAKING SURFA | | CS 3 | CS Qty 1 | |
| Number Defect Ty | LOSS OF PAINT AL CORROSION WITH OVER THE ENTIRE Steel failed protection | LOWING FLAKING SURFA | | | | Qty |
| Number Defect Ty 313 Corrosion 515 Effectiveness (\$ | LOSS OF PAINT AL CORROSION WITH OVER THE ENTIRE Steel failed protection ings) | LOWING FLAKING SURFA | | 3 | 1 | Qty 1 Each |
| Number Derect Ty 313 Corrosion 515 Effectiveness (S Protective Coat | LOSS OF PAINT AL CORROSION WITH OVER THE ENTIRE Steel failed protection ings) | LOWING FLAKING SURFA | | 3 | 1 | Qty 1 Each |
| Number Derect Ty 313 Corrosion 515 Effectiveness (\$ Protective Coat General Comment | LOSS OF PAINT AL CORROSION WITH OVER THE ENTIRE Steel failed protection ings) ents | LOWING FLAKING SURFA UP TO 1/8 INCH SECTION BEARING. | | 3 | 1 | Qty 1 Each |
| Number Defect Ty 313 Corrosion 515 Effectiveness (3 Protective Coat General Comme Span 3 Movable Bearing Element Number | LOSS OF PAINT AL CORROSION WITH OVER THE ENTIRE Steel failed protection ings) ents | LOWING FLAKING SURFA UP TO 1/8 INCH SECTION BEARING. Far Bearing | VLOSS | 3 | 1 | Qty 1 Each |

| 515 | Steel Pr | otective Coating | 2 | 0 | 0 | 0 | 2 5 | quare Feet |
|-----------------|--|---|---|---|----|--------|--------------|-------------|
| Elemer Numbe | Dofoot Typo | Defect Description | | | CS | CS Qty | Maint Qty | |
| 311 | Corrosion | LOSS OF PAINT ALLOWING FLAKING SUR CORROSION WITH UP TO 1/8 INCH SECTION OVER THE ENTIRE BEARING. | | | 3 | 1 | 1 | Each |
| 515 | Effectiveness (Steel Protective Coatings) | failed protection | | | 4 | 2 | 2 | Square Feet |

| Structure | Number: <u>100392</u> | | | | | Ins | spection | Date: <u>08/28/2024</u> |
|-----------|--|--|-------------------|------------|------------|------------|--------------|-------------------------|
| Spa | an 3 | Near Bea | ring | | | | | |
| Fix | ed Bearing | | | | | | | |
| Nu | ment mber | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| 313 | | d Bearing | 1 | 0 | 0 | 1 | | Each |
| 515 | Stee | I Protective Coating | 2 | 0 | 0 | 0 | 2 | Square Feet |
| Elemer | Defect Tune | Defect De | scription | | CS | CS Qty | Maint Qty | |
| 313 | Corrosion | LOSS OF PAINT ALLOWING F CORROSION WITH UP TO 1/8 OVER THE ENTIRE BEARING. | INCH SECTION LOSS | | 3 | 1 | - | Each |
| 515 | Effectiveness (Ste Protective Coating | | | | 4 | 2 | 2 | 2 Square Feet |
| | General Comments | 3 | | | | | | |
| Spa | an 3 | Far Beari | ng | | | | | |
| Мо | vable Bearing | | | | | | | |
| | ment | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| 311 | Mov | able Bearing | 1 | 0 | 0 | 1 | - | Each |
| 515 | Stee | I Protective Coating | 2 | 0 | 0 | 0 | 2 | Square Feet |
| Elemer | Dofoot Type | Defect De | scription | | CS | CS Qty | Maint Qty | |
| 311 | Corrosion | LOSS OF PAINT ALLOWING F CORROSION WITH UP TO 1/8 OVER THE ENTIRE BEARING. | LAKING SURFACE | | 3 | 1 | - | Each |
| 515 | Effectiveness (Ste Protective Coating | | | | 4 | 2 | 2 | 2 Square Feet |
| | General Comments | 3 | | | | | | |
| Spa | an 3 | Near Bea | ring | | | | | |
| Fix | ed Bearing | | | | | | | |
| Nu | ement mber | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| 313 | | d Bearing | 1 | 0 | 0 | 1 | | Each |
| 515 | Stee | I Protective Coating | 2 | 0 | 0 | 0 | 2 | Square Feet |
| Elemer | | Defect De | scription | | CS | CS Qty | Maint Qty | |
| 313 | Corrosion | LOSS OF PAINT ALLOWING F CORROSION WITH UP TO 1/8 OVER THE ENTIRE BEARING. | INCH SECTION LOSS | | 3 | 1 | - | Each |
| 515 | Effectiveness (Ste Protective Coating | | | | 4 | 2 | 2 | 2 Square Feet |
| | General Comments | | | | | | | |

| tructure Number: <u>100392</u> | | | | | In | spection | Date: 08/28/2024 |
|--|--|----------------|------------|------------|------------|--------------|------------------|
| Span 3 | Far Bearing | | | | | | |
| Movable Bearing | | | | | | | |
| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| | e Bearing | 1 | 0 | 0 | 1 | | Each |
| 515 Steel Pr | rotective Coating | 2 | 0 | 0 | 0 | 2 | Square Feet |
| Element Number Defect Type | Defect Descrip | otion | | CS | CS Qty | Maint Qty | |
|] 311 Corrosion | LOSS OF PAINT ALLOWING FLAKI CORROSION WITH UP TO 1/8 INC OVER THE ENTIRE BEARING. | | | 3 | 1 | | 1 Each |
| 515 Effectiveness (Steel Protective Coatings) General Comments | failed protection | | | 4 | 2 | | 2 Square Feet |
| General Comments | | | | | | | |
| Span 3 | Near Bearing | I | | | | | |
| Fixed Bearing | | | | | | | |
| Element Number | Element Name | Total | CS1 | CS2 | CS3 | CS4 | |
| 313 Fixed Be | | Qty 1 | Qty 0 | Qty 0 | Qty 1 | Qty 0 | Each |
| 515 Steel Pr | otective Coating | 2 | 0 | 0 | 0 | 2 | Square Feet |
| Element Number Defect Type | Defect Descrip | ation | | CS | CS Qty | Maint | |
| Number Defect Type 313 Corrosion | LOSS OF PAINT ALLOWING FLAKI CORROSION WITH UP TO 1/8 INC OVER THE ENTIRE BEARING. | NG SURFACE | | 3 | 1 | Qty | 1 Each |
| ☐ 515 Effectiveness (Steel | failed protection | | | 4 | 2 | | 2 Square Feet |
| Protective Coatings) General Comments | | | | | | | |
| | | | | | | | |
| Span 3 | Far Bearing | | | | | | |
| Movable Bearing | | | | | | | |
| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| | e Bearing | 1 | 0 | 0 | 1 | | Each |
| 515 Steel Pr | rotective Coating | 2 | 0 | 0 | 0 | 2 | Square Feet |
| Element Number Defect Type | Defect Descrip | otion | | CS | CS Qty | Maint Qty | |
| Number | LOSS OF PAINT ALLOWING FLAK | NG SURFACE | | 3 | 1 | - | 1 Each |
| 311 Corrosion | CORROSION WITH UP TO 1/8 INC OVER THE ENTIRE BEARING. | H SECTION LOSS | | | | | |

Span 4

| Plate | Girder | | | | | | | |
|-------------------|--|---|-----------------------|------------|------------|------------|--------------|-------------|
| Eleme Numb | | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| 107 | Steel Op | en Girder/Beam | 59 | 0 | 56 | 3 | 0 F | eet |
| 515 | Steel Pro | otective Coating | 605 | 487 | 0 | 112 | 6 S | quare Feet |
| Element Number | Defect Type | Defect Des | cription | | CS | CS Qty | Maint Qty | |
|]107 (| Corrosion | At bent 3 bottom flange corrosion loss full width x 2 feet long. Web remaining full height x 3 inches h | section loss 11/16 ir | | 3 | 3 | 3 | Feet |
|]107 (| Corrosion | SCATTERED FRECKLED RUST BOTTOM FLANGE. | FOR FULL LENGT | H OF | 2 | 56 | | Feet |
| | Effectiveness (Steel Protective Coatings) | failed protection | | | 4 | 6 | 6 | Square Feet |
| | Effectiveness (Steel Protective Coatings) | LOSS OF PAINT ALLOWING FR | ECKLED RUST. | | 3 | 112 | 112 | Square Feet |

| Spa | an 4 | | Bea | am 2 | | | | | | |
|---------------|--------------|------------------------------|--|---|------------------------|-----------------|------------------|-----------------|-------------------|--------------|
| Plat | te Girde | r | | | | | | | | |
| | ment mber | Steel Or | Element Name en Girder/Beam | | Total Qty 59 | CS1 Qty 0 | CS2 Qty 57 | CS3 Qty 0 | CS4 Qty 2 F | Feet |
| 515 | | | otective Coating | | 605 | 487 | 0 | 114 | | Square Feet |
| 515 | | Steer I | Sective Coating | | 005 | 407 | 0 | 114 | 4 0 | oquale i eet |
| lemer umbe | Do: | fect Type | De | efect Description | | | CS | CS Qty | Maint Qty | |
| 107 | Corrosio | n | PRIORITY ACTION RE corrosion and section lo full width x 2 feet long. V remaining full height x 1 | oss down to 13/16 in Web section loss do | ch remair wn to 5/8 | ning | 4 | 2 | 2 | Feet |
| 107 | Corrosio | n | FULL LENGTH SCATT | ERED FRECKLED I | RUST | | 2 | 57 | | Feet |
| 515 | | eness (Steel ve Coatings) | failed protection | | | | 4 | 4 | 4 | Square Feet |
| 515 | | eness (Steel ve Coatings) | LOSS OF PAINT ALLO | WING FRECKLED I | RUST. | | 3 | 114 | 114 | Square Feet |
| | General (| Comments | | | | | | | | |
| | | | | | | | | | | |

| Spa | n 4 | Beam 3 | | | | | | |
|-----------------|------------------|---|----------------------|------------|------------|------------|--------------|---------------|
| Plat | e Girder | | | | | | | |
| Nun | nent nber | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| 107 | St | eel Open Girder/Beam | 59 | 0 | 57 | 2 | 0 | Feet |
| 515 | St | eel Protective Coating | 605 | 487 | 0 | 114 | 4 | Square Feet |
| Elemen Numbe | Dofoct Tur | De Defect Desc | cription | | CS | CS Qty | Maint Qty | |
| 107 | Corrosion | At bent 3 corrosion with no sectio width x2 feet long. Web section lo remaining full height x 7 inches lo | oss down to 11/16 in | | 3 | 2 | | 2 Feet |
| 107 | Corrosion | FULL LENGTH SCATTERED FR ESPECIALLY ALONG THE BOT | | | 2 | 57 | | Feet |
| 515 | Effectiveness (S | teel failed protection | | | 4 | 4 | | 4 Square Feet |

LOSS OF PAINT ALLOWING FRECKLED RUST.

Inspection Date: 08/28/2024

114

3

114 Square Feet

| 515 | Effectiveness (Steel Protective Coatings) |
|-----|--|
| | General Comments |

| | an 4 | Beam 4 | | | | | | |
|-----------------|--|--|--|-----------------|------------------|-----------------|-----------------|-------------|
| Plat | te Girder | | | | | | | |
| | ment mber Steel O | Element Name pen Girder/Beam | Total Qty 59 | CS1 Qty 0 | CS2 Qty 56 | CS3 Qty 2 | CS4 Qty 1 | Feet |
| 515 | Steel P | rotective Coating | 605 | 487 | 0 | 114 | 4 \$ | Square Feet |
| Elemer Numbe | Defect Tune | Defect Des | scription | | CS | CS Qty | Maint Qty | |
| 107 | Corrosion | PRIORITY ACTION REQUEST beam end corrosion and section remaining full width x 2 inches lo to 1/2 inch remaining full height | loss down to 15/16 in ong. Web section loss | nch down | 4 | 1 | 1 | Feet |
| 107 | Corrosion | LOSS OF PAINT ON BEAM EN ALLOWING CORROSION WITH CORROSION DOWN TO 1 INC BOTTOM FLANGE AND DOWN INCHES OF THE WEB. | H PITTING AND SCA | LE HE | 3 | 2 | 2 | Feet |
| 107 | Corrosion | FULL LENGTH SCATTERED F | | | 2 | 56 | | Feet |
| 515 | Effectiveness (Steel Protective Coatings) | failed protection | | | 4 | 4 | 4 | Square Feet |
| 515 | Effectiveness (Steel Protective Coatings) | LOSS OF PAINT ALLOWING FI | RECKLED RUST. | | 3 | 114 | 114 | Square Feet |
| | General Comments | | | | | | | |

| Spa | an 4 | | Beam 5 | | | | | | |
|-----------------|---|--|---|--------------------|-----------------|------------------|-----------------|-------------------|-------------|
| Plat | te Girder | | | | | | | | |
| | ment nber | Element Name Steel Open Girder/Beam | | Total Qty 59 | CS1 Qty 0 | CS2 Qty 57 | CS3 Qty 2 | CS4 Qty 0 F | Feet |
| 515 | \$ | Steel Protective Coating | | 605 | 487 | 0 | 114 | 4 8 | Square Feet |
| Elemen Numbe | Dofoot T | уре | Defect Description | | | CS | CS Qty | Maint Qty | |
| 107 | Corrosion | ALLOWING CORR CORROSION DOV | ON BEAM END AT THE IN OSION WITH PITTING AI VN TO 1 INCH REMAININ AND DOWN TO 11/16 IN VEB. | ND SCAL | LE HE | 3 | 2 | 2 | Feet |
| 107 | Corrosion | | ATTERED FRECKLED R | | | 2 | 57 | | Feet |
| 515 | Effectiveness (Protective Coa | | | | | 4 | 4 | 4 | Square Feet |
| 515 | Effectiveness (Protective Coa General Comm | atings) | LLOWING FRECKLED R | JST. | | 3 | 114 | 114 | Square Feet |
| | General Comm | IEIIIS | | | | | | | |

Span 4

Beam 6

| Pla | te Girder | | | | | | | |
|-------|--|--|---------------------------|-----------------|------------------|-----------------|--------------------|-------------|
| | ement mber Steel Op | Element Name en Girder/Beam | Total Qty 59 | CS1 Qty 0 | CS2 Qty 43 | CS3 Qty 4 | CS4 Qty 12 F | eet |
| 515 | Steel Pro | ptective Coating | 605 | 487 | 0 | 110 | 8 S | quare Feet |
| Eleme | Defect Type | Defect Description | | | CS | CS Qty | Maint Qty | |
| 107 | Corrosion | PRIORITY ACTION REQUEST At bent 3 w and section loss down to 1/2 inch remainin height x 12 feet long. Bottom flange sectior 15/16 inch remaining full width x 12 feet lor | g up to ful I loss dow | I | 4 | 12 | 12 | Feet |
| 107 | Damage | PRIORTIY ACTION REQUEST END DIAP FACE AT BENT 3 1 FOOT DIAMETER X 7 SPALL WITH EXPOSED REBAR. NO MEA SECTION LOSS. (PAR) | INCHES | DEEP | 4 | | | Feet |
| 107 | Corrosion | 0.125" PITTING AND SCALE LOSS AT TH OF THE BEAM HAS BEEN PAINTED OVE | | END | 3 | 4 | 4 | Feet |
| 107 | Corrosion | FULL LENGTH SCATTERED FRECKLED ESPECIALLY ALONG THE BOTTOM FLA | | | 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 | | | | | | | |

| Spa | n 4 | Wear | ing Surface | | | | | |
|-----------------|----------------------------|--|--------------------|------------|------------|------------|--------------|-------------|
| Asp | halt Wearing Sur | ace | | | | | | |
| | nent nber | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| 510 | Wearing | surface | 2,104 | 2,024 | 0 | 80 | 0 S | quare Feet |
| Elemen Numbe | Dofact Type | Defe | ct Description | | CS | CS Qty | Maint Qty | |
| 510 | Crack (Wearing Surface) | 1/8 TO 1/4 INCH WIDE TF BENT 2 JOINT. | RANSVERSE CRACKS A | T END | 3 | 80 | 80 | Square Feet |
| - | General Comments | | | | | | | |

| General | Comments | |
|---------|----------|--|
| | | |

| | an 4 vable Bearing | Near Bearing | I | | | | | |
|-------|--|--|------------------------|----------------------|-----------------|----------------------|-------------------|---------------------|
| | | Element Name Bearing otective Coating | Total Qty 1 2 | CS1 Qty 0 0 | CS2 Qty 0 | CS3 Qty 1 0 | - | Each Square Feet |
| Eleme | nt Defect Type | Defect Descrip | | 0 | cs | CS Qty | Z Maint Qty | |
| 311 | Corrosion | LOSS OF PAINT ALLOWING FLAKI CORROSION WITH UP TO 1/8 INC OVER THE ENTIRE BEARING. | | 5 | 3 | 1 | - | 1 Each |
| 515 | Effectiveness (Steel Protective Coatings) General Comments | failed protection | | | 4 | 2 | | 2 Square Feet |

| tructure Nu | mber: <u>100392</u> | | | | | Ins | spection Date: 08/28/2024 |
|-------------------|--|---|-------------------|------------|------------|------------|---------------------------|
| Span | 4 | Far Bearin | g | | | | |
| Fixed | Bearing | | | | | | |
| Eleme Numb | | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
| 313 | Fixed | l Bearing | 1 | 0 | 0 | 1 | 0 Each |
| 515 | Steel | Protective Coating | 2 | 0 | 0 | 0 | 2 Square Feet |
| Element Number | Defect Type | Defect Des | cription | | CS | CS Qty | Maint Qty |
| | Corrosion | LOSS OF PAINT ALLOWING FL CORROSION WITH UP TO 1/8 I OVER THE ENTIRE BEARING. | | 6 | 3 | 1 | 1 Each |
| | Effectiveness (Stee Protective Coatings | | | | 4 | 2 | 2 Square Feet |
| Ge | eneral Comments | - - - | | | | | |
| Span | 4 | Near Bear | ing | | | | |
| Moval | ble Bearing | | | | | | |
| Eleme | | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
| 311 | | ble Bearing | 1 | 0 | 0 | 1 | 0 Each |
| 515 | Steel | Protective Coating | 2 | 0 | 0 | 0 | 2 Square Feet |
| Element Number | Defect Type | Defect Des | cription | | CS | CS Qty | Maint Qty |
| | Corrosion | LOSS OF PAINT ALLOWING FL CORROSION WITH UP TO 1/8 I OVER THE ENTIRE BEARING. | | 6 | 3 | 1 | 1 Each |
| | Effectiveness (Stee Protective Coatings | | | | 4 | 2 | 2 Square Feet |
| Ge | eneral Comments | | | | | | |
| Span | 4 | Far Bearin | g | | | | |
| Fixed | Bearing | | | | | | |
| Eleme Numb | | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
| 313 | Fixed | I Bearing | 1 | 0 | 1 | 0 | 0 Each |
| 515 | Steel | Protective Coating | 2 | 0 | 0 | 2 | 0 Square Feet |
| Element Number | Defect Type | Defect Des | cription | | CS | CS Qty | Maint Qty |
| | Corrosion | FRECKLED RUST PRESENT DI | JE TO LOSS OF PAI | NT. | 2 | 1 | Each |
| | ffectiveness (Stee Protective Coatings | | JE TO LOSS OF PAI | NT. | 3 | 2 | 2 Square Feet |
| | eneral Comments | | | | | | |

| Structure | Number: <u>100392</u> | | | | | | Ins | spection Da | ate: <u>08/28/2024</u> |
|-----------------|--------------------------------------|------------------------|---|--------------|------------|------------|------------|--------------|------------------------|
| Spa | an 4 | | Near Bearing | | | | | | |
| Mo | vable Bearing | | | | | | | | |
| Nu | ment mber | Element Name | | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| 311 | | ovable Bearing | | 1 | 0 | 0 | 1 | 0 Ea | |
| 515 | St | eel Protective Coating | | 2 | 0 | 0 | 0 | 2 So | quare Feet |
| Elemei Numbe | Defect Tur | be | Defect Descriptio | n | | CS | CS Qty | Maint Qty | |
| 311 | Corrosion | | LLOWING FLAKING H UP TO 1/8 INCH S E BEARING. | | 8 | 3 | 1 | 1 | Each |
| 515 | Effectiveness (S Protective Coati | | | | | 4 | 2 | 2 | Square Feet |
| • | an 4 | | Far Bearing | | | | | | |
| Fix | ed Bearing | | | | | | | | |
| Nu | ment mber | Element Name | | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| 313 | Fi | xed Bearing | | 1 | 0 | 1 | 0 | 0 Ea | ach |
| 515 | St | eel Protective Coating | | 2 | 0 | 0 | 2 | 0 So | quare Feet |
| Elemer | Dofoot Tur | De | Defect Descriptio | n | | CS | CS Qty | Maint Qty | |
| 313 | Corrosion | FRECKLED RUST | PRESENT DUE TO | LOSS OF PAIR | NT. | 2 | 1 | | Each |
| 515 | Effectiveness (S Protective Coati | | PRESENT DUE TO | LOSS OF PAI | NT. | 3 | 2 | 2 | Square Feet |
| | General Comme | nts | | | | | | | |
| Spa | an 4 | | Near Bearing | | | | | | |
| Мо | vable Bearing | | | | | | | | |
| Ele | ment | | | Total | CS1 | CS2 | CS3 | CS4 | |

| | ment nber | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|-----------------|--|--|--------------|------------|------------|------------|--------------|---------------|
| 311 | Movabl | e Bearing | 1 | 0 | 0 | 1 | 0 | Each |
| 515 | Steel P | rotective Coating | 2 | 0 | 0 | 0 | 2 | Square Feet |
| Elemen Numbe | Defect Type | Defect Descr | iption | | CS | CS Qty | Maint Qty | |
| 311 | Corrosion | LOSS OF PAINT ALLOWING FLAP CORROSION WITH UP TO 1/8 IN OVER THE ENTIRE BEARING. | | | 3 | 1 | | 1 Each |
| 515 | Effectiveness (Steel Protective Coatings) | failed protection | | | 4 | 2 | | 2 Square Feet |

Far Bearing

Span 4 Fixed Bearing

| nent nber | | Total | 004 | | | |
|--|---|--|--|--|---|--|
| | Element Name | Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
| Fixed Be | aring | 1 | 0 | 1 | 0 | 0 Each |
| Steel Pro | ptective Coating | 2 | 0 | 0 | 2 | 0 Square Feet |
| t r Defect Type | Defect Descript | ion | | CS | CS Qty | Maint Qty |
| Corrosion | FRECKLED RUST PRESENT DUE T | O LOSS OF PAI | NT. | 2 | 1 | Each |
| Effectiveness (Steel Protective Coatings) | FRECKLED RUST PRESENT DUE T | O LOSS OF PAI | NT. | 3 | 2 | 2 Square Feet |
| 1 | t r Defect Type Corrosion Effectiveness (Steel Protective Coatings) | r Defect Type Defect Descript Corrosion FRECKLED RUST PRESENT DUE T Effectiveness (Steel FRECKLED RUST PRESENT DUE T | Steel Protective Coating 2 t Defect Type Defect Description Corrosion FRECKLED RUST PRESENT DUE TO LOSS OF PAI Effectiveness (Steel Protective Coatings) FRECKLED RUST PRESENT DUE TO LOSS OF PAI | Steel Protective Coating 2 0 t Defect Type Defect Description Corrosion FRECKLED RUST PRESENT DUE TO LOSS OF PAINT. Effectiveness (Steel Protective Coatings) FRECKLED RUST PRESENT DUE TO LOSS OF PAINT. | Steel Protective Coating 2 0 t Defect Type Defect Description CS Corrosion FRECKLED RUST PRESENT DUE TO LOSS OF PAINT. 2 Effectiveness (Steel Protective Coatings) FRECKLED RUST PRESENT DUE TO LOSS OF PAINT. 3 | Steel Protective Coating 2 0 2 t Defect Type Defect Description CS CS Qty Corrosion FRECKLED RUST PRESENT DUE TO LOSS OF PAINT. 2 1 Effectiveness (Steel Protective Coatings) FRECKLED RUST PRESENT DUE TO LOSS OF PAINT. 3 2 |

General Comments

| Spa | Span 4 N | | | | | | | |
|----------------|--|-------------------|---|------------|------------|------------|--------------|---------------|
| Мо | vable Bearing | | | | | | | |
| | ement mber | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| 311 | Movable | Bearing | 1 | 0 | 0 | 1 | 0 | Each |
| 515 | Steel Pro | otective Coating | 2 | 0 | 0 | 0 | 2 | Square Feet |
| Eleme Numbe | Dofact Type | Defect Descrip | otion | | CS | CS Qty | Maint Qty | |
| 311 | Corrosion | | OSS 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 | | | | | | | |

| Spa | an 4 | Far Bearing | g | | | | |
|-----------------|--|--------------------------|-----------------|------------|------------|------------|---------------|
| Fixe | ed Bearing | | | | | | |
| | ment nber | 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 |
| Elemen Numbe | Dofact Type | Defect Desc | ription | | CS | CS Qty | Maint Qty |
| 313 | Corrosion | FRECKLED RUST PRESENT DU | E TO LOSS OF PA | INT. | 2 | 1 | Each |
| 515 | 515 Effectiveness (Steel FRECKLED RUST Protective Coatings) | | E TO LOSS OF PA | INT. | 3 | 2 | 2 Square Feet |
| | Concernel Commente | | | | | | |

| Span 4 | | Near Bearing | | | | | | |
|-------------------|--------------------------|--------------------|--------------|------------|------------|------------|---------------|--|
| Movable | e Bearing | | | | | | | |
| Element Number | Element Nam | e | 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 | |

| Structure | Number: 100392 | | | | | In | spection Date: <u>08/28/2024</u> |
|------------|--|---|--|-----------------------|------------|------------|----------------------------------|
| 311 | Corrosion | LOSS OF PAINT ALLOWING FLAKING CORROSION WITH UP TO 1/8 INCH S OVER THE ENTIRE BEARING. | | 8 | 3 | 1 | 1 Each |
| 515 | Effectiveness (Steel Protective Coatings) | failed protection | | | 4 | 2 | 2 Square Feet |
| | General Comments | | | | | | |
| Spa | an 4 | Far Bearing | | | | | |
| | ed Bearing | | | | | | |
| | ement mber | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
| 313 | | | 1 | 0 | 0 | 1 | 0 Each |
| 515 | Steel Pr | otective Coating | 2 | 0 | 0 | 0 | 2 Square Feet |
| Eleme | Defect Type | Defect Descriptio | 'n | | CS | CS Qty | Maint Qty |
| 313 | Corrosion | LOSS OF PAINT ALLOWING FLAKING CORROSION WITH UP TO 1/8 INCH S OVER THE ENTIRE BEARING. | | 8 | 3 | 1 | 1 Each |
| 515 | Effectiveness (Steel Protective Coatings) | failed protection | | | 4 | 2 | 2 Square Feet |
| | General Comments | | | | | | |
| End | d Bent 1 | End Bent 1 Cap | o 1 | | | | |
| Rei | nforced Concrete | Pier Cap | | | | | |
| | ement mber | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
| 234 | | ed Concrete Pier Cap | 75 | 71 | 0 | 4 | 0 Feet |
| Eleme | Defect Type | Defect Descriptio | n | | CS | CS Qty | Maint Qty |
| 234 | Delamination/Spall | PRIORITY ACTION REQUEST North fa with exposed rebar 3.25 feet long x 1 fo deep (PAR) | | | 3 | 4 | 4 Feet |
| | General Comments | | | | | | |
| | | | | | | | |
| Ber Rei | nt 1 nforced Concrete | Cap 1 Pier Cap | | | | | |
| | ement | | Total | CS1 | CS2 | CS3 | CS4 |
| Nu 234 | mber Reinford | Element Name ed Concrete Pier Cap | Qty 59 | Qty -5 | Qty 0 | Qty 25 | Qty 39 Feet |
| Eleme | | Defect Descriptio | n | | CS | CS Qty | Maint Qty |
| 234 | Cracking (RC and Other) | PRIORITY ACTION REQUEST NORTH BAYS 1 THROUGH 3 DELAMINATION exposed rebar UP TO 23 FEET LONG TO 1/4 INCH WIDE WITH RUST STAIN EFFLORESCENCE FOR FULL HEIGH INTO TOP FOR 6 INCHES WIDE. SPA beam 3 bearing 5 feet long x up to 2 feet inches deep (PAR) | H FACE UNDE I / SPALL with AND CRACKS NING AND HEA T THAT EXTE LL located und | UP VY ND ler | 4 | 23 | 23 Feet |

| Structure | Number: <u>100392</u> | | | Inspe | ction D | ate: <u>08/28/2024</u> |
|-----------|----------------------------|---|---|-------|---------|------------------------|
| 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 efflorescence. 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 | | | | | |

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|-----------------|--------------------------|-----------|---|--|-------------------|-----------------|-----------------|-----------------|--------------------|------------------------|
| Ber | nt 1 | | | Pile 1 | | | | | | |
| Rei | inforced Co | oncrete (| Column | | | | | | | |
| | ement mber | Reinforce | Element Name ed Concrete Column | | Total Qty 1 | CS1 Qty 0 | CS2 Qty 0 | CS3 Qty 1 | CS4 Qty 0 Ea | ach |
| Elemer | nt | | | | | | | | Maint | |
| Numbe | er Defect | | | Defect Description | /== | | CS | CS Qty | Qty | |
| 205 | Efflorescenc Staining | e/Rust | | p vertical cracking up cence and rust stainir | | | 3 | 1 | 2 | Each |
| 205 | Cracking (R Other) | C and | Northeast corner ve wide x 6 feet high | rtical cracking at top υ | ip to 1/32 inc | h | 2 | | | Each |
| | General Corr | iments | | | | | | | | |
| Der | ~ 4 4 | | | Pile 2 | | | | | | |
| Ber | inforced Co | noroto (| | Plie Z | | | | | | |
| | | nciele | Johanni | | T - / - ! | 001 | 0.05 | 000 | 001 | |
| | ement mber | | Element Name | | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
| 205 | | Reinforce | ed Concrete Column | | 1 | 0 | 0 | 1 | 0 Ea | ach |
| Elemer | | Type | | Defect Description | | | CS | CS Qty | Maint | |
| Numbe 205 | Cracking (R Other) | | | H X 6 INCHES WIDE NERS WITH 1/4 INC | | ΓΙΟΝ | 3 | 1 | Qty 3 | Each |
| | General Com | iments | | | | | | | | |
| Ber | nt 1 | | | Pile 3 | | | | | | |
| Rei | inforced Co | oncrete (| Column | | | | | | | |
| | ement | | | | Total | CS1 | CS2 | CS3 | CS4 | |
| Nui 205 | mber | Reinforce | Element Name ed Concrete Column | | Qty 1 | Qty 0 | Qty 0 | Qty 1 | Qty 0 Ea | ach |
| Elemer Numbe | Defect | Туре | | Defect Description | | | CS | CS Qty | Maint | |
| | Cracking (R | | | cal cracking up to 1/1 | 6 inch wide v | vith | 3 | 1 | Qty 2 | Each |
| | Other) General Com | ments | rust staining extendi | ng 2 feet under cap | | | | | | |
| | | | | | | | | | | |
| Enc | d Bent 1 | | | Abutment | | | | | | |
| Rei | inforced Co | oncrete / | Abutment | | | | | | | |
| | ement | | | | Total | CS1 | CS2 | CS3 | CS4 | |
| Nui 215 | mber | Reinforce | Element Name ed Concrete Abutment | | Qty 90 | Qty 89 | Qty 0 | Qty 1 | Qty 0 Fe | et |
| | | | | | | | Ŭ | • | | |
| Elemer Numbe | | Туре | | Defect Description | | | CS | CS Qty | Maint Qty | |
| 215 | Cracking (R Other) | C and | 1/8 INCH WIDE X 4 BEAM 5 BEARING. | INCH LONG DIAGO | NAL CRACK | AT | 3 | 1 | 1 | Feet |
| | General Corr | ments | | | | | | | | |

Structure Number: 100392

Bent 2

Reinforced Concrete Pier Cap

| | Element Number Element Name 234 Reinforced Concrete Pier Cap | | | CS1 Qty 0 | CS2 Qty 0 | CS3 Qty 43 | CS4 Qty 6 Fe | eet |
|-----------------|--|---|--|-----------------|-----------------|------------------|--------------------|------|
| Elemen Numbe | Defect Turne | Defect Descrip | tion | | CS | CS Qty | Maint Qty | |
| 234 | Cracking (RC and Other) | PRIORITY ACTION REQUEST North 3 delamination up to 3 feet long x 1 f up to 1/8 inch wide with efflorescence (PAR) | oot high with crac | king | 4 | 3 | • | Feet |
| 234 | Cracking (RC and Other) | PRIORITY ACTION REQUEST Sout 3 horizontal cracking up to 1/8 inch x delamination 30 inches x 5 inches x | 30 inches long w | | 4 | 3 | 3 | Feet |
| 234 | Cracking (RC and Other) | East face at right end at bottom horiz 1/16 inch wide x full width of cap with | | | 3 | 1 | 1 | Feet |
| 234 | Cracking (RC and Other) | North face at bottom corner in bay 1 to 1/16 inch wide x 30 inches long | | | 3 | | 3 | Feet |
| 234 | Delamination/Spall | BOTTOM PILE BAY 3 2 FEET DIAM DELAMINATION/SPALL. | ETER X 1 INCH | DEEP | 3 | 2 | 2 | Feet |
| 234 | Delamination/Spall | North face at bottom corner delamina exposed steel 3 feet long x 7 inches | | | 3 | 2 | 3 | Feet |
| 234 | Delamination/Spall | SOUTH FACE BAY 1 DELAMINATIO WIDE RANDOM CRACKING WITH I EFFLORESCENCE STAINING THR UP TO 6 FEET LONG. | RUST AND | | 3 | 6 | 6 | Feet |
| 234 | Delamination/Spall | SOUTH FACE BAY 5 AT TOP AND DELAMINATION FOR 6 FEET LONG HIGH. | | ЭТ | 3 | 6 | 6 | Feet |
| 234 | Delamination/Spall | SOUTH FACE UNDER BEAM 5 DEL MEASURING 2 FEET LONG X 1 FO | - | | 3 | 2 | 2 | Feet |
| 234 | Efflorescence/Rust Staining | North face at bottom below beam 6 h to 1/32 inch wide x 3 feet long with ru | | g up | 3 | | 3 | Feet |
| 234 | Efflorescence/Rust Staining | PRIORITY ACTION REQUEST North beam 2 delamination at north top con inches wide x up to 2 feet high x 20 f up to 1/4 inch wide with rust staining | h face beginning mer and bottom 2 eet long. With cra | 2 | 3 | 20 | 20 | Feet |
| 234 | Efflorescence/Rust Staining | UNDER BAY 4 CAP UNDERSIDE 4 INCH WIDE HORIZONTAL CRACK STAINING. | | - | 3 | 4 | 4 | Feet |
| 234 | Cracking (RC and Other) | HAIRLINE RANDOM CRACKING AT LOCATIONS. | SOLATED | | 2 | | | Feet |

General Comments

| Ben | t 2 | Pile 1 | | | | | | |
|-----------------|----------------------------|---|-------------------|-----------------|-----------------|-----------------|----------------------|---|
| Reir | nforced Concrete | Column | | | | | | |
| | nent nber Reinfor | Element Name ced Concrete Column | Total Qty 1 | CS1 Qty 0 | CS2 Qty 0 | CS3 Qty 1 | CS4 Qty 0 Each | |
| Elemen Numbe | Dofact Type | Defect De | escription | | CS | CS Qty | Maint Qty | |
| 205 | Cracking (RC and Other) | VERTICAL CRACKING 1/8 INC AT THE NW CORNER FOR 8 I | | ACES | 3 | 1 | 8 Each | _ |
| | Conorol Commonto | | | | | | | |

General Comments

Structure Number: 100392

| Eleme Numb | | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|-----------------|----------------------------|--|--------------|------------|------------|------------|--------------|
| 205 | Reinfor | ced Concrete Column | 1 | 0 | 0 | 1 | 0 Each |
| lement umber | Defect Type | Defect Desc | cription | | CS | CS Qty | Maint Qty |
| | cracking (RC and Other) | VERTICAL CRACKING ON BOTH SOUTHEAST AND NORTHEAST LONG X 1/16 INCH WIDE. | | FEET | 3 | 1 | 8 Each |

Pile 3

| Reinforced | Concrete | Column |
|------------|----------|-----------|
| Rennorecu | Concrete | Condinini |

Bent 2

| Elem Num 205 | nber | Element Name ced Concrete Column | Total Qty 1 | CS1 Qty -1 | CS2 Qty 0 | CS3 Qty 2 | CS4 Qty 0 E | ach |
|--------------------|----------------------------|--|-------------------|------------------|-----------------|-----------------|-------------------|------|
| Element Number | Dofoct Typo | Defect Description | | | CS | CS Qty | Maint Qty | |
| 205 | Cracking (RC and Other) | Northeast corner 3 feet from bottom cap of feet high x 5 inches x 2 inches with crack wide | | | 3 | | 4 | Each |
| _ 205 | Cracking (RC and Other) | Northwest face 4 feet from bottom of cap inches x 2 inches x 1.5 feet high with crac inch wide | | | 3 | | 1 | Each |
| 205 | Cracking (RC and Other) | Southwest face vertical cracking up to 1/4 feet high and delamination | 1 inch wide x | 12 | 3 | 1 | 12 | Each |
| 205 | Cracking (RC and Other) | VERTICAL CRACKING AT ALL FOUR C FULL HEIGHT X 1/8 INCH WIDE WITH F AND DELAMINATION. | | | 3 | 1 | 1 | Each |

General Comments

| Ber | nt 2 | Pile 4 | | | | | | |
|--------|----------------------------|---|----------------------|-----------------|-----------------|-----------------|----------------------|---|
| Rei | nforced Concrete | Column | | | | | | |
| | ment mber Reinforc | Element Name ed Concrete Column | Total Qty 1 | CS1 Qty 0 | CS2 Qty 0 | CS3 Qty 1 | CS4 Qty 0 Each | |
| Elemer | Dofact Type | Defect Description | | | CS | CS Qty | Maint Qty | |
| 205 | Cracking (RC and Other) | VERTICAL CRACKING ON BOTH FACES NORTHWEST AND NORTHEAST CORNE FEET LONG X 1/8 INCH WIDE. THERE IS ALONG THE CRACK AT THE NE CORNE OF DELAMINATED. | ERS FOR 8 RUST ST | AINS | 3 | 1 | 8 Each | |
| 205 | Delamination/Spall | TOP AT NORTHEAST CORNER 6 INCH I INCH DEEP SPALL. | DIAMETER | X 1.5 | 3 | | 1 Each | |
| | General Comments | | | | | | | _ |

End Bent 2

Reinforced Concrete Pier Cap

| | ment nber Reinfore | Element Name ced Concrete Pier Cap | Total Qty 60 | CS1 Qty 43 | CS2 Qty 5 | CS3 Qty 12 | CS4 Qty 0 Feet | |
|-----------------|--------------------------------|--|--------------------|------------------|-----------------|------------------|----------------------|--|
| Elemen Numbe | Dofoct Typo | Defect Description | | | CS | CS Qty | Maint Qty | |
| 234 | Delamination/Spall | EAST FACE BEAM 3 10 INCHES LONG 2 HIGH X 1/4 INCH DEEP SPALL. | X 6 INCHES | | 3 | 1 | 1 Feet | |
| 234 | Efflorescence/Rust Staining | BAY 4 FACE AND TOP 6 FEET LONG X DELAMINATION WITH 1/16 INCH WIDE RUST STAINING. | | | 3 | 6 | 6 Feet | |
| 234 | Patched Area | SPALLING AT THE RIGHT END OF THE FAILED PATCHED. | CAP HAS A | N N | 3 | 5 | 5 Feet | |
| 234 | Patched Area | BAY 5 FACE 5 FEET LONG X 1 FOOT H REPAIR AND 10 INCHES LONG GROUT | | | 2 | 5 | Feet | |

General Comments

Bent 3

Cap 1

Cap 1

Reinforced Concrete Pier Cap

| Rei | nforced Concrete | Pier Cap | | | | | | |
|-----------------|----------------------------|---|--|-----------------|-----------------|------------------|-----------------------|----|
| | ment mber Reinford | Element Name ced Concrete Pier Cap | Total Qty 49 | CS1 Qty 0 | CS2 Qty 6 | CS3 Qty 14 | CS4 Qty 29 Feet | |
| Elemer Numbe | Defect Type | Defect Description | | | CS | CS Qty | Maint Qty | |
| 234 | Delamination/Spall | PRIOIRYTY ACTION REQUEST NORTH BAYS 3 THROUGH 5 DELAMINATION AN UP TO 1/8 INCH WIDE WITH RUST STAIN AREAS OF SPALLS WITH EXPOSED RE MEASURING UP TO 6 INCHES DIAMETE DEEP WITH 95 PERCENT SECTION REN DELAMINATION AND CRACKING EXTEN OF CAP FOR 1 FOOT LONG. TYPICAL IN BAY 3. (PAR) | ND CRACK NING AND BAR ER X 1 INC MAINING. NDS INTO ⁻ | ing H Top | 4 | 20 | 20 Fee | :t |
| 234 | Delamination/Spall | PRIORITY ACTION REQUEST South face corner spall with exposed rebar / delamina long x 8 inches high x 3 inches deep. Dela inches high x 12 inches wide x 8.5 feet lon up to 1/4 inch wide with rust staining (PAR | tion. Spall 2 mination 23 g with crac | 2 feet 3 | 4 | 9 | 9 Fee | t |
| 234 | Cracking (RC and Other) | 1/16 INCH WIDE HORIZONTAL CRACKIN STAINING BOTTOM OF PILE BAY 2. | NG WITH R | UST | 3 | 4 | 4 Fee | et |
| 234 | Cracking (RC and Other) | NORTH FACE BAY 1 AT BOTTOM 4 FEE INCH WIDE HORIZONTAL CRACK. | T LONG X | 1/16 | 3 | 4 | 4 Fee | ŧ |
| 234 | Cracking (RC and Other) | South face in bay 5 at bottom horizontal cr inch wide x 6 feet long with rust staining | acking up t | o 1/8 | 3 | | 6 Fee | et |
| 234 | Exposed Rebar | EAST FACE OF BUILD UP AT BEAM 2 FO DELAMINATIONS/SPALLS WITH EXPOS MEASURING UP TO 6 INCHES DIAMETE DEEP. 95 PERCENT SECTION REMAINS REINFORCEMENT. | ED REBAF | Н | 3 | 5 | 5 Fee | et |
| 234 | Exposed Rebar | NORTH FACE UNDER BEAM 1 SPALL/D WITH EXPOSED REBAR MEASURING 1 DIAMETER X 1.5 INCH DEEP. APPROXII PERCENT SECTION REMAINS IN EXPO REINFORCEMENT. | FOOT MATELY 95 | | 3 | 1 | 1 Fee | t |
| 234 | Delamination/Spall | North Face at top corner delamination / sp exposed steel (10 inches x 6 inches x 1 inc Delamination (5 feet x 8 inches x 1 foot) w 1/16 inch wide with surface efflorescence a | ch deep). ith cracking | | 2 | | 5 Fee | et |

SOUTH FACE BAY 5 SOUND REPAIR AT TOP FOR 6 FEET LONG X 1 FOOT HIGH. Inspection Date: 08/28/2024

Feet

6

2

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 AR | RE NOT VISIBLE. |
| Bent 2 | Pile 1 |
| END BENT PILES AR | E NOT VISIBLE. |
| Span 1 | Deck |
| | D REBAR WITH NO MEASURABLE SECTION LOSS SCATTERED ALONG MEDIAN 1.5 FEET WIDE X 6 INCHES LONG X 1/2 INCH DEEP (APPROX. 6 SQUARE FEET) |
| Span 3 | Expansion Joint |
| JOINT IS NOT VISIBL | E DUE TO WEARING SURFACE. |
| Span 4 | Deck |
| MEDIAN AT ABUTME | ENT 2 FAILED ASPHALT PATCH FOR 10 FEET LONG WITH SPALL UP TO 1 INCH DEEP. |
| Span 4 | Expansion Joint |
| JOINT IS NOT VISIBL | E DUE TO WEARING SURFACE. |

National Bridge and NC Inspection Items

Structure Number: 100392

Inspection Date: 08/28/2024

National Bridge Inventory Items

| ltem | Grade Scale | Grade | |
|---|-------------|-------|----------|
| Item 58: Deck | 0 - 9 , N | 7 | N |
| Item 59: Superstructure | 0 - 9 , N | 4 | lt ir |
| Item 60: Substructure | 0 - 9 , N | 4 | |
| Item 61: Channel and Channel Protection | 0 - 9 , N | N | - F |
| 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 nspection 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 | Ν |

National Bridge and NC SMU Inspection Item Details

| Structure Num | ber: 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 Bear | m 6, No Change To | o 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 | | | |

Structure: 100392

County: BUNCOMBE

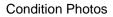
Date: 08/28/2024

Condition Photos



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)

Date: 08/28/2024





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)

Date: 08/28/2024

Condition Photos



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)

Date: 08/28/2024

Condition Photos



WELD 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)

Date: 08/28/2024

Condition Photos



WELD 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)

Date: 08/28/2024



WELD 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)



GOUGE ONE 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)

Date: 08/28/2024

Condition Photos



GOUGE ONE 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)

Date: 08/28/2024

Condition Photos



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)

Date: 08/28/2024

Condition Photos



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)

Condition Photos



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

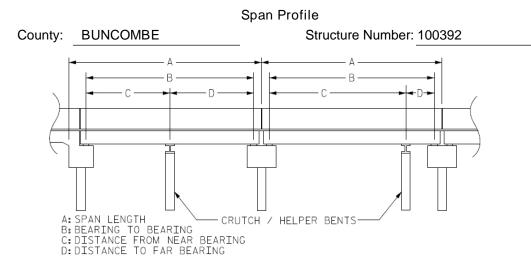


Span 2 Beam 6: Supplemental Inspection Impact Damage 18 Foot Of Scattered Scrapes On Web On The East Side In The Point of Impact Area



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 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 | | | |



Looking West

| Route Number: 110002 | 260 | Route Na | ame: I | 26 W | | Reference Feature: | Н | | |
|--------------------------|-----------|-------------|------------|--|------------------------|-----------------------|----|--|--|
| Minimum Vertical Cleara | ance 14. | 300 feet | Maxim | Maximum Minimum Vertical Clearance 14.600 feet | | | | | |
| Total Horizontal Clearar | nce 43.20 | 0 feet | Latera | I Clearances: Left: 17 | 7.600 feet Right 9.200 | feet | | | |
| Base Highway Netwo | rk | LRS Inv | entory F | Route, Sub Route Num | ber 10026 | | | | |
| Milepost: 18.000 | Number | of Lanes: | 2 | ADT: 17000 | Year of ADT: 2015 | Percentage of Trucks: | 12 | | |
| ✓ National Highway Sy | rstem | | | | TRAHNET Highway Desig | nator | | | |
| Functional Classificatio | n 12 | Local Princ | cipal Arte | erial - Other Direc | tion of Traffic: 1 1 - | way traffic | | | |

Bridge Inspection Field Sketch

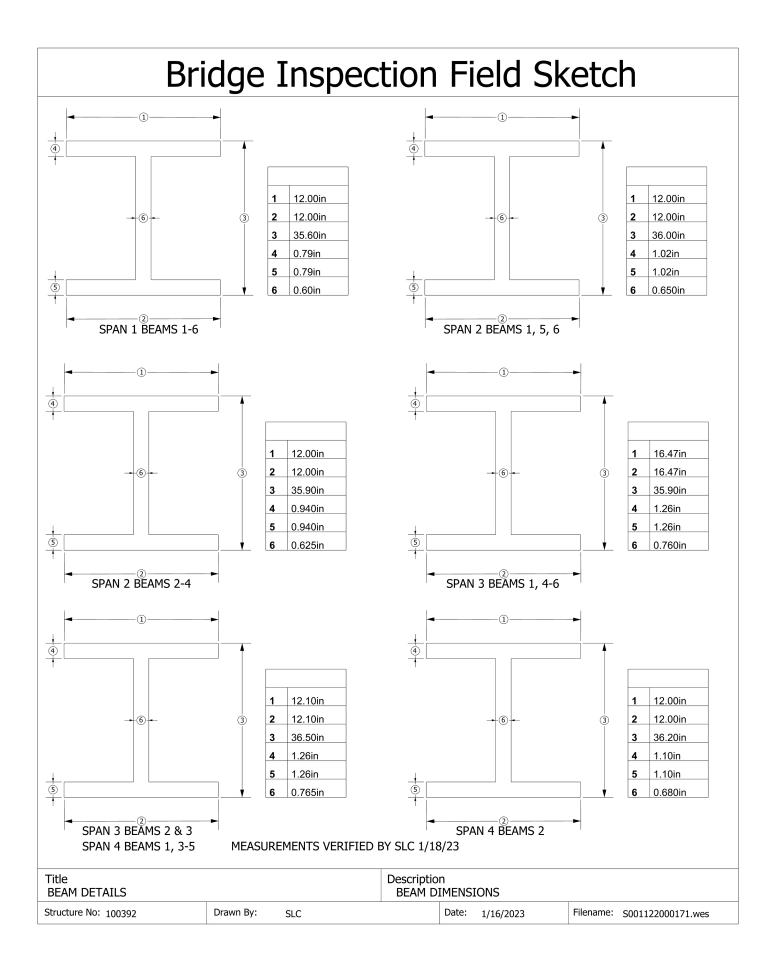
ß

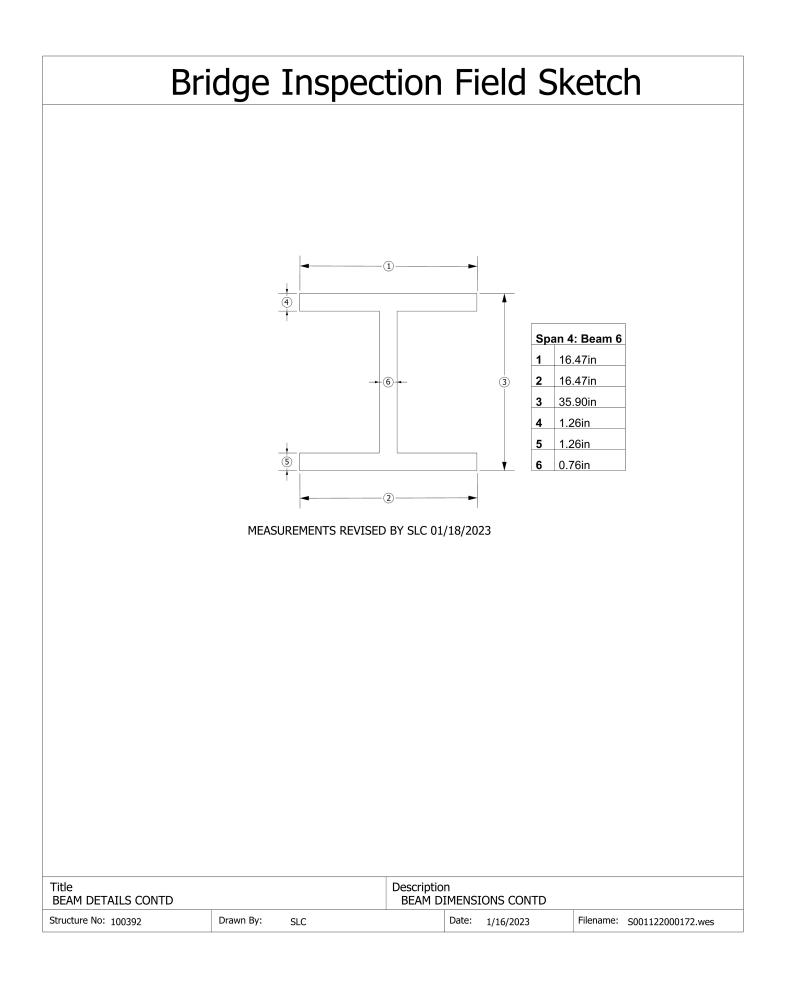
| | L | eft Lanes | | |
|-----------------|---|------------|------|-------------|
| Roadway | 12.00ft Wide | 1 Paved I | anes | South Bound |
| Right Shoulder | 4.00ft Wide | 4.00ft Pa | ved | 0.00 |
| Left Shoulder | 2.00ft Wide | 2.00ft Pa | ved | 0.00 |
| Right Guardrail | 4ft from road | | | |
| Left Guardrail | | | | |
| Median | 4.00ft Wide | 0.5ft High | 1 | |
| | R | ight Lanes | | |
| Roadway | 12.00ft Wide | 1 Paved I | anes | North Bound |
| Left Shoulder | 2.00ft Wide | 2.00ft Pa | ved | 0.00 |
| Right Shoulder | 4.00ft Wide | 4.00ft Pa | ved | 0.00 |
| Left Guardrail | | | | |
| Right Guardrail | | | | |
| | FIED BY SLC 01/18/2023 N 20' SOUTH OF BRIDGE | | | |
| | | | | |

Bridge Inspection Field Sketch Deck Width/Out to Out 45.25ft 43.25ft Between Rails 40.00ft* Wearing Surface 3.00in* Clear Roadway Median Width 4.00ft Median Height 0.333ft Curb Height Left 7.50in* 7.50in* Right 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 7.75in **Deck Thickness** 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 12.00in 3.875ft Left Edge of Deck Plate Girder 35.60in Plate Girder 12.00in 2 35.60in 7.50ft Beam 1 35.60in 3 Plate Girder 12.00in 7.50ft Beam 2 4 Plate Girder 12.00in 35.60in Beam 3 7.50ft 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: 100392 Drawn By: Date: Filename: S001122000169.wes SLC 1/6/2023

| Car | ps | | | | | | | | | | | | | | | | | | | |
|-----------|---------------------------------------|----|------------------------|------------------|----------------|------------------------|------------------|-------------------------------|--------------|-----------------------|------------------|---|-----------------|-------------------|-----------------|------------|---------------------------|---------------|--------|----------------|
| <i>‡</i> | Name | Ту | | | | | | ength | Widt | | Height | | | o End | of Cap | | | | to End | d of Ca |
| # | Name Cap 1 | | | ed Concre | te Pie | er Cap | | ength 9.00ft* | Widt 33.0 | | Height 30.00i | | Left B 1.833 | o End | of Cap | | ight B .833ft | | to End | d of Ca |
| ¥ Pile | Name Cap 1 es | | inforce | | te Pie | er Cap | | 9.00ft* | 33.0 | 0in | 30.00i | | | | | 1 | .833ft | t | 1 | |
| ≠ ∙ile | Name Cap 1 es Name | | inforce די | /pe | | | 59 | 9.00ft* Spacing | 33.00 g | 0in From | 30.00i | n | | Hei | ght/Dia | 1 am. ' | .833ft Width | t | to End | |
| # Pile | Name Cap 1 es Name Pile 1 | | inforce T R | /pe einforced | Concr | rete Colu | Imn | 9.00ft* Spacing 4.25ft* | 33.00 g | 0in From Left E | 30.00i | n | | Hei 30. | ght/Dia 00in | 1 am. 1 | .833ft Width 33.00i | t in | 1 | d of Ca gth |
| ¥ 2 | Name Cap 1 es Name | | inforce T R R | /pe | Concr Concr | rete Colu rete Colu | 59 Imn Imn | 9.00ft* Spacing | 33.00 | 0in From | 30.00i | n | | Hei 30. 30. | ght/Dia | 1 am. 1 | .833ft Width | t in in | 1 | |

| Title SUBSTRUCTURE | Descriptio INTERIC | | TS | | | | |
|-----------------------|-----------------------|-----|----|-------|----------|-----------|-------------------|
| Structure No: 100392 | Drawn By: | SLC | | Date: | 1/6/2023 | Filename: | S001122000170.wes |







Looking West



Span 2 Beams

Structure: 100392

County: BUNCOMBE

Date: 08/28/2024

Structure Photos



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



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

Date: 08/28/2024

Structure Photos



Looking South at Approach Roadway



Looking North at Approach Roadway