



NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 STRUCTURE MANAGEMENT UNIT

ATTENTION: **PROMPT ACTION REQUEST, SNOOPER, NEW WEARING SURFACE OVERLAY**

Structure Safety Report

Routine Element Inspection - Contract

STRUCTURE NUMBER: 700028 SAP STRUCTURE NO: 0710028 FHWA STRUCTURE NO: 000000001410028

DIVISION: 3 COUNTY: PENDER INSPECTION DATE: 11/02/2022 FREQUENCY: 24 MONTHS

FACILITY CARRIED: NC210 MILE POST: _____

LOCATION: 0.4 MI. W. JCT. SR1404 0.4 MI W. OF JCT. SR 1404

FEATURE INTERSECTED: LONG CREEK

LATITUDE: 34° 26' 20.94" LONGITUDE: 78° 1' 33.42"

SUPERSTRUCTURE: REINFORCED CONCRETE DECK GIRDERS

SUBSTRUCTURE: EBTS:CONC.WID/RC CAP/TIM.PILE;IBTS:RCP&B WID./RC CAP/STL W/CR BTS

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

FRACTURE CRITICAL TEMPORARY SHORING SCOUR CRITICAL SCOUR PLAN OF ACTION

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

POSTED SV: Not Posted POSTED TTST: Not Posted

OTHER SIGNS PRESENT: (4) DELINEATORS



| Sign noticed issued for | Number Required |
|----------------------------------|-----------------|
| <u>NO</u> WEIGHT LIMIT | <u>0</u> |
| <u>NO</u> DELINEATORS | <u>0</u> |
| <u>NO</u> NARROW BRIDGE | <u>0</u> |
| <u>NO</u> ONE LANE BRIDGE | <u>0</u> |
| <u>NO</u> LOW CLEARANCE | <u>0</u> |

DIRECTION OF INSPECTION W-E

DIRECTION MATCHES PLANS _____

LOOKING EAST

| | | |
|------------------------------------|--|-----------------------------|
| INSPECTED BY JONATHAN M SIMPSON | SIGNATURE <i>Jennifer M Simpson</i> | ASSISTED BY ZACH BLINSON |
|------------------------------------|--|-----------------------------|

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

12/13/2022

IDENTIFICATION

(1) STATE NAME NORTH CAROLINA BRIDGE 700028
 (8) STRUCTURE NUMBER (FEDERAL) 1410028
 (5) INVENTORY ROUTE (ON/UNDER) ON 131002100
 (2) STATE HIGHWAY DEPARTMENT DISTRICT 3
 (3) COUNTY CODE (FEDERAL) 141 (4) PLACE CODE 00000
 (6) FEATURE INTERSECTED LONG CREEK
 (7) FACILITY CARRIED NC210
 (9) LOCATION 0.4 MI. W. JCT. SR1404
 (11) MILEPOINT 0.0
 (12) BASE HIGHWAY NETWORK 0
 (13) LRS INVENTORY ROUTE & SUBROUTE
 (16) LATITUDE 34° 26' 20.94" (17) LONGITUDE 78° 1' 33.42"
 (98) BORDER BRIDGE STATE CODE PERCENT SHARED
 (99) BORDER BRIDGE STRUCTURE NUMBER

SUFFICIENCY RATING 65.68
 STATUS =
CLASSIFICATION **CODE**
 (112) NBIS BRIDGE SYSTEM Y
 (104) HIGHWAY SYSTEM Inventory Route not on NHS 0
 (26) FUNCTIONAL CLASS Rural Minor Arterial 06
 (100) STRAHNET HIGHWAY Not a STRAHNET Route 0
 (101) PARALLEL STRUCTURE No parallel structure exists N
 (102) DIRECTION OF TRAFFIC 2-way traffic 2
 (103) TEMPORARY STRUCTURE
 (110) DESIGNATED NATIONAL NETWORK - on national network for trucks 1
 (20) TOLL On Free Road 3
 (21) MAINT - 01
 (22) OWNER - 01
 (37) HISTORICAL SIGNIFICANCE - 5

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN Concrete
 TYPE Tee Beam CODE 104
 (44) STRUCTURE TYPE APPROACH
 TYPE CODE
 (45) NUMBER OF SPANS IN MAIN UNIT 4
 (46) NUMBER OF SPANS IN APPROACH 0
 (107) DECK STRUCTURE TYPE CODE 1
 (108) WEARING SURFACE/PROTECTIVE SYSTEM
 (A) TYPE OF WEARING SURFACE CODE 6
 (B) TYPE OF MEMBRANE CODE 0
 (C) TYPE OF DECK PROTECTION CODE 0

(21) MAINT - 01
 (22) OWNER - 01
 (37) HISTORICAL SIGNIFICANCE - 5
CONDITION **CODE**
 (58) DECK 6
 (59) SUPERSTRUCTURE 6
 (60) SUBSTRUCTURE 6
 (61) CHANNEL & CHANNEL PROTECTION 7
 (62) CULVERTS N

LOAD RATING AND POSTING

(31) DESIGN LOAD H 15 2
 (63) OPERATING RATING METHOD - Load Factor 1
 (64) OPERATING RATING - HS-23 42
 (65) INVENTORY RATING METHOD - 1
 (66) INVENTORY RATING HS-14 25
 (70) BRIDGE POSTING No Posting Required 5
 (41) STRUCTURE OPEN, POSTED, OR CLOSED DESCRIPTION Open, no restriction A

AGE AND SERVICE

(27) YEAR BUILT 1921
 (106) YEAR RECONSTRUCTED 1956
 (42) TYPE OF SERVICE ON - Highway
 OFF - Waterway CODE 15
 (28) LANES ON STRUCTURE 2 LANES UNDER STRUCTURE 0
 (29) AVERAGE DAILY TRAFFIC 3800
 (30) YEAR OF ADT 2019 (109) TRUCK ADT PCT 8
 (19) BYPASS OR DETOUR LENGTH 10.0

APPRAISAL

(67) STRUCTURAL EVALUATION CODE 6
 (68) DECK GEOMETRY 4
 (69) UNDERCLEARANCES, VERT & HORIZ N
 (71) WATERWAY ADEQUACY 7
 (72) APPROACH ROADWAY ALIGNMENT 8
 (36) TRAFFIC SAFETY FEATURES 0000
 (113) SCOUR CRITICAL BRIDGES 8

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN 41.0
 (49) STRUCTURE LENGTH 170.0
 (50) CURB OR SIDEWALK: LEFT 1.6 RIGHT 1.6
 (51) BRIDGE ROADWAY WIDTH, CURB TO CURB 28.0
 (52) DECK WIDTH OUT TO OUT 33.3
 (32) APPROACH ROADWAY WITH (W/ SHOULDERS) 24.0
 (33) BRIDGE MEDIAN No median CODE 0
 (34) SKEW 0 (35) STRUCTURE FLARED 0
 (10) INVENTORY ROUTE MIN VERT CLEAR 999.9
 (47) INVENTORY ROUTE TOTAL HORIZ CLEAR 28.0
 (53) MIN VERT CLEAR OVER BRIDGE RDWY 999.9
 (54) MIN VERT UNDERCLEAR: REFERENCE 0.0
 (55) MIN LAT UNDERCLEARANCE RT: REFERENCE N 0.0
 (56) MIN LAT UNDERCLEARANCE LT: 0.0

PROPOSED IMPROVEMENTS

(75) TYPE OF WORK CODE
 (76) LENGTH OF STRUCTURE IMPROVEMENT
 (94) BRIDGE IMPROVEMENT COST
 (95) ROADWAY IMPROVEMENT COST
 (96) TOTAL PROJECT COST
 (97) YEAR OF IMPROVEMENT COST ESTIMATE
 (114) FUTURE ADT 7,600 YEAR OF FUTURE ADT 2040

NAVIGATION DATA

(38) NAVIGATION CONTROL - CODE 0
 (111) PIER PROTECTION CODE
 (39) NAVIGATION VERTICAL CLEARANCE 0.0
 (116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR 0.0
 (40) NAVIGATION HORIZONTAL CLEARANCE 0.0

INSPECTION

(90) INSPECTION DATE 11/22 (91) FREQUENCY 24
 (92) CRITICAL FEATURE INSPECTION (93) CFI DATE
 A) FRACTURE CRIT DETAIL A)
 B) UNDERWATER INSP 60 B) 12/19
 C) OTHER SPECIAL INSP C)

SCOUR

Superstructure Build Details

Span Number 1

Span Length 42.700

Skew 90.000

| Number of Items | Type of Component | Element Name | Quantity | Protective System Applied | Quantity (Sq Ft) |
|-----------------|-------------------------------|--------------------------------------|------------------|---------------------------|------------------|
| 2 | Concrete Railing | Reinforced Concrete Bridge Railing | 86 Feet | | |
| 1 | Asphalt Wearing Surface | Wearing Surface | 1196 Square Feet | | |
| 5 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 215 Feet | | |
| 1 | Reinforced Concrete Deck Slab | Reinforced Concrete Slabs | 1346 Square Feet | | |
| 10 | Other Bearing | Other Bearings | 10 Each | | |

Span Number 2

Span Length 42.420

Skew 90.000

| Number of Items | Type of Component | Element Name | Quantity | Protective System Applied | Quantity (Sq Ft) |
|-----------------|-------------------------------|--------------------------------------|------------------|---------------------------|------------------|
| 1 | Asphalt Wearing Surface | Wearing Surface | 1188 Square Feet | | |
| 2 | Concrete Railing | Reinforced Concrete Bridge Railing | 86 Feet | | |
| 10 | Other Bearing | Other Bearings | 10 Each | | |
| 5 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 215 Feet | | |
| 1 | Standard Joint | Pourable Joint Seal | 0 Feet | | |
| 1 | Reinforced Concrete Deck Slab | Reinforced Concrete Slabs | 1337 Square Feet | | |

Span Number 3

Span Length 42.700

Skew 90.000

| Number of Items | Type of Component | Element Name | Quantity | Protective System Applied | Quantity (Sq Ft) |
|-----------------|-------------------------------|--------------------------------------|------------------|---------------------------|------------------|
| 10 | Other Bearing | Other Bearings | 10 Each | Unknown | 10 |
| 1 | Standard Joint | Pourable Joint Seal | 0 Feet | | |
| 5 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 215 Feet | | |
| 2 | Concrete Railing | Reinforced Concrete Bridge Railing | 86 Feet | | |
| 1 | Reinforced Concrete Deck Slab | Reinforced Concrete Slabs | 1347 Square Feet | | |
| 1 | Asphalt Wearing Surface | Wearing Surface | 1196 Square Feet | | |

Span Number 4

Span Length 41.750

Skew 90.000

Superstructure Build Details

| Number of Items | Type of Component | Element Name | Quantity | Protective System Applied | Quantity (Sq Ft) |
|-----------------|-------------------------------|--------------------------------------|------------------|---------------------------|------------------|
| 2 | Concrete Railing | Reinforced Concrete Bridge Railing | 84 Feet | | |
| 10 | Other Bearing | Other Bearings | 10 Each | Unknown | 10 |
| 1 | Asphalt Wearing Surface | Wearing Surface | 1169 Square Feet | | |
| 5 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 210 Feet | | |
| 1 | Standard Joint | Pourable Joint Seal | 0 Feet | | |
| 1 | Reinforced Concrete Deck Slab | Reinforced Concrete Slabs | 1316 Square Feet | | |

Structure Element Scoring

Structure Number: **700028**

Inspection Date **11/2/2022**

| Element Number | Parent Number | Element Name | Location | Total Quantity | Level 1 Quantity | Level 2 Quantity | Level 3 Quantity | Level 4 Quantity |
|----------------|---------------|--------------------------------------|-------------------|----------------|------------------|------------------|------------------|------------------|
| 38 | | Reinforced Concrete Slabs | Deck | 5,346 | 5,210 | 123 | 13 | 0 |
| 110 | | Reinforced Concrete Open Girder/Beam | Beam | 855 | 625 | 219 | 11 | 0 |
| 301 | | Pourable Joint Seal | Expansion Joints | 0 | 0 | 0 | 0 | 0 |
| 316 | | Other Bearings | Bearing Device | 40 | 34 | 0 | 6 | 0 |
| 515 | 316 | Steel Protective Coating | Bearing Device | 20 | 14 | 0 | 0 | 6 |
| 331 | | Reinforced Concrete Bridge Railing | Bridge Rail | 342 | 295 | 41 | 6 | 0 |
| 510 | | Wearing Surface | Wearing Surfaces | 4,749 | 4,706 | 38 | 5 | 0 |
| 202 | | Steel Column | Piles and Columns | 6 | 1 | 5 | 0 | 0 |
| 515 | 202 | Steel Protective Coating | Piles and Columns | 360 | 334 | 0 | 0 | 26 |
| 515 | 202 | Steel Protective Coating | Piles and Columns | 540 | 513 | 0 | 0 | 27 |
| 205 | | Reinforced Concrete Column | Piles and Columns | 8 | 4 | 2 | 2 | 0 |
| 515 | 205 | Steel Protective Coating | Piles and Columns | 0 | 0 | 0 | 0 | 0 |
| 215 | | Reinforced Concrete Abutment | Abutments | 58 | 12 | 17 | 29 | 0 |
| 225 | | Steel Pile | Piles and Columns | 20 | 1 | 19 | 0 | 0 |
| 515 | 225 | Steel Protective Coating | Piles and Columns | 360 | 343 | 0 | 0 | 17 |
| 515 | 225 | Steel Protective Coating | Piles and Columns | 2,084 | 1,848 | 118 | 0 | 118 |
| 231 | | Steel Pier Cap | Caps | 35 | 14 | 21 | 0 | 0 |
| 515 | 231 | Steel Protective Coating | Caps | 237 | 117 | 30 | 0 | 90 |
| 234 | | Reinforced Concrete Pier Cap | Caps | 116 | 62 | 36 | 18 | 0 |
| 320 | | Prestressed Concrete Approach Slab | Approaches | | | 0 | 0 | 0 |

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: **700028**

Inspection Date: **11/02/2022**

| MMS Code | Element Name | Defect Name | Recommended Quantity |
|-----------------|--------------------------------------|---|-----------------------------|
| 3326 | Reinforced Concrete Slabs | Exposed Rebar | 1 Square Feet |
| 3326 | Reinforced Concrete Slabs | Patched Area | 9 Square Feet |
| 3326 | Reinforced Concrete Slabs | Delamination/Spall | 1 Square Feet |
| 3326 | Reinforced Concrete Slabs | Cracking (RC and Other) | 40 Square Feet |
| 3306 | Reinforced Concrete Open Girder/Beam | Cracking (RC and Other) | 2 Feet |
| 3306 | Reinforced Concrete Open Girder/Beam | Exposed Rebar | 11 Feet |
| 3306 | Reinforced Concrete Open Girder/Beam | Delamination/Spall | 20 Feet |
| 3348 | Reinforced Concrete Column | Efflorescence/Rust Staining | 4 Each |
| 3348 | Reinforced Concrete Column | Patched Area | 4 Each |
| 3350 | Reinforced Concrete Abutment | Scour | 29 Feet |
| 3348 | Reinforced Concrete Pier Cap | Delamination/Spall | 7 Feet |
| 3348 | Reinforced Concrete Pier Cap | Patched Area | 3 Feet |
| 3348 | Reinforced Concrete Pier Cap | Exposed Rebar | 12 Feet |
| 3334 | Other Bearings | Corrosion | 6 Each |
| 3318 | Reinforced Concrete Bridge Railing | Delamination/Spall | 5 Feet |
| 3318 | Reinforced Concrete Bridge Railing | Cracking (RC and Other) | 4 Feet |
| 2816 | Wearing Surface | Crack (Wearing Surface) | 638 Square Feet |
| 3342 | Steel Protective Coating | Effectiveness (Steel Protective Coatings) | 423 Square Feet |
| 3342 | Steel Protective Coating | Effectiveness (Steel Protective Coatings) | 6 Square Feet |
| 3342 | Steel Protective Coating | Peeling/Bubbling/Cracking (steel Protective Coatings) | 4 Square Feet |

Element Structure Maintenance Quantities

Structure Number: **700028**

Inspection Date **11/02/2022**

| Location | MMS Code | Description | Maint Quantity | Total Quantity | Severe Quantity | Poor Quantity | Fair Quantity | Good Quantity |
|-------------------|----------|---|----------------|----------------|-----------------|---------------|---------------|---------------|
| Beam | 3306 | Maintenance Concrete Superstructure Components | 31 | 855 | 0.000 | 11.000 | 219.000 | 625.000 |
| Bearing Device | 3334 | Bridge Bearing | 6 | 40 | 0.000 | 6.000 | 0.000 | 34.000 |
| Bearing Device | 3342 | Clean and Paint Steel | 6 | 20 | 6.000 | 0.000 | 0.000 | 14.000 |
| Bridge Rail | 3318 | Maintenance of Concrete Bridge Rail | 9 | 342 | 0.000 | 6.000 | 41.000 | 295.000 |
| Deck | 3326 | Maintenance of Concrete Deck | 51 | 5346 | 0.000 | 13.000 | 123.000 | 5210.000 |
| Expansion Joints | 3310 | Maintenance of Standard Bridge Expansion Joints | 0 | 0 | 0.000 | 0.000 | 0.000 | 0.000 |
| Wearing Surfaces | 2816 | Asphalt Surface Repair | 43 | 4749 | 0.000 | 5.000 | 38.000 | 4706.000 |
| Abutments | 3350 | Maintenance of Concrete Wings and Wall | 29 | 58 | 0.000 | 29.000 | 17.000 | 12.000 |
| Caps | 3342 | Clean and Paint Steel | 120 | 237 | 90.000 | 0.000 | 30.000 | 117.000 |
| Caps | 3348 | Maintenance of Concrete Substructure | 22 | 116 | 0.000 | 18.000 | 36.000 | 62.000 |
| Caps | 3354 | Maintenance of Steel Substructure Components | 0 | 35 | 0.000 | 0.000 | 21.000 | 14.000 |
| Piles and Columns | 3342 | Clean and Paint Steel | 26 | 360 | 26.000 | 0.000 | 0.000 | 334.000 |
| Piles and Columns | 3342 | Clean and Paint Steel | 27 | 540 | 27.000 | 0.000 | 0.000 | 513.000 |
| Piles and Columns | 3342 | Clean and Paint Steel | 0 | 0 | 0.000 | 0.000 | 0.000 | 0.000 |
| Piles and Columns | 3342 | Clean and Paint Steel | 17 | 360 | 17.000 | 0.000 | 0.000 | 343.000 |
| Piles and Columns | 3342 | Clean and Paint Steel | 236 | 2084 | 118.000 | 0.000 | 118.000 | 1848.000 |
| Piles and Columns | 3348 | Maintenance of Concrete Substructure | 8 | 8 | 0.000 | 2.000 | 2.000 | 4.000 |
| Piles and Columns | 3354 | Maintenance of Steel Substructure Components | 0 | 6 | 0.000 | 0.000 | 5.000 | 1.000 |
| Piles and Columns | 3354 | Maintenance of Steel Substructure Components | 0 | 20 | 0.000 | 0.000 | 19.000 | 1.000 |
| Approaches | 3353 | Maintenance of Concrete Bridge Approach Slabs | 0 | | 0.000 | 0.000 | 0.000 | |

Priority Actions Request

Structure Number 700028

Bent 1

3350 **Abutment** Reinforced Concrete Abutment

| Priority Level | Defect Type | Quantity | Defect Description |
|----------------|-------------|----------|---|
| 2 | Scour | 29 | End Bent 1 Abutment: 29 FEET X 38 INCHES DEEP UNDERNEATH UNDER END BENT 1 CAP (PAR) |

3348 **Cap 1** Reinforced Concrete Pier Cap

| Priority Level | Defect Type | Quantity | Defect Description |
|----------------|---------------|----------|--|
| 2 | Exposed Rebar | 2 | Bent 1 Cap 1: 14 INCHES X 26 INCHES X 2.5 INCHES DEEP SPALL AND AREA OF DELAMINATION ON BOTTOM FACE BETWEEN PILES 1 AND 2 (PAR) |
| 2 | Exposed Rebar | 4 | Bent 1 Cap 1: 45 INCHES X 7 INCHES X 6 INCHES DEEP SPALL WITH EXPOSED REINFORCING ON WEST FACE BENEATH BEAM 1 AT BOTTOM OF CAP (PAR) |

Bent 2

3348 **Cap 1** Reinforced Concrete Pier Cap

| Priority Level | Defect Type | Quantity | Defect Description |
|----------------|--------------------|----------|--|
| 2 | Delamination/Spall | 2 | Bent 2 Cap 1: 19 INCH X 12 INCH X 4 INCH DEEP SPALL WITH EXPOSED REINFORCING AND AREA OF DELAMINATION ON SOUTHWEST BOTTOM CORNER (PAR) |

Element Condition and Maintenance Data

Structure Number: 700028

Inspection Date: 11/02/2022

Span 1 Deck Reinforced Concrete Deck Slab

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|---------------------------|-----------|---------|---------|---------|---------|-------------|
| 38 | Reinforced Concrete Slabs | 1,346 | 1,301 | 45 | 0 | 0 | Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|--|-------------------------|--|----|--------|-----------|-------------|
| <input checked="" type="checkbox"/> 38 | Cracking (RC and Other) | 40 FEET OF UP TO 1/64 INCHES TRANSVERSE CRACKS, SOME WITH EFFLORESCENCE, AT RANDOM THROUGHOUT DECK UNDERSIDE | 2 | 40 | 40 | Square Feet |
| <input checked="" type="checkbox"/> 38 | Patched Area | 5 SQUARE FEET OF UP TO 10 INCHES X 10 INCHES PATCHED AREAS AT RANDOM THROUGHOUT DECK UNDERSIDE | 2 | 5 | | Square Feet |

General Comments

Span 1 Beam 1 Reinforced Concrete Girder

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|------|
| 110 | Reinforced Concrete Open Girder/Beam | 43 | 37 | 6 | 0 | 0 | Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|---|-------------------------|---|----|--------|-----------|------|
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | (6) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 6 | | Feet |

General Comments

Span 1 Beam 2 Reinforced Concrete Girder

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|------|
| 110 | Reinforced Concrete Open Girder/Beam | 43 | 33 | 10 | 0 | 0 | Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|---|-------------------------|---|----|--------|-----------|------|
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | (2) UP TO 33 INCHES X 1/32 INCHES VERTICAL CRACKS ON WEST FACE OF BENT 1 END DIAPHRAGM BETWEEN BEAMS 2 AND 3. | 2 | 2 | | Feet |
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | (8) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 8 | | Feet |

General Comments

Span 1 Beam 3 Reinforced Concrete Girder

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|------|
| 110 | Reinforced Concrete Open Girder/Beam | 43 | 27 | 16 | 0 | 0 | Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|---|-------------------------|--|----|--------|-----------|------|
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | (14) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 14 | | Feet |

| | | | | | | | | |
|-------------------------------------|------------|-------------------------|---|---|---|---|---|------|
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | (2) UP TO 33 INCHES X 1/32 INCHES VERTICAL CRACKS ON WEST FACE OF BENT 1 END DIAPHRAGM BETWEEN BEAMS 3 AND 4. | 2 | 2 | 0 | 0 | Feet |
|-------------------------------------|------------|-------------------------|---|---|---|---|---|------|

General Comments**Span 1 Beam 4****Reinforced Concrete Girder**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|
| 110 | Reinforced Concrete Open Girder/Beam | 43 | 27 | 16 | 0 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|-------------------------------------|-------------|-------------------------|--|--------|-----------|------|
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | (16) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 16 | Feet |

General Comments**Span 1 Beam 5****Reinforced Concrete Girder**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|
| 110 | Reinforced Concrete Open Girder/Beam | 43 | 38 | 5 | 0 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|-------------------------------------|-------------|-------------------------|---|--------|-----------|------|
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | (5) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 5 | Feet |

General Comments**Span 1 Wearing Surface****Asphalt Wearing Surface**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|-----------------|-----------|---------|---------|---------|---------------|
| 510 | Wearing Surface | 1,196 | 1,191 | 5 | 0 | 0 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|-------------------------------------|-------------|-------------------------|---|--------|-----------|---------------|
| <input checked="" type="checkbox"/> | 510 | Crack (Wearing Surface) | 5 SQUARE FEET HAIRLINE TRANSVERSE CRACK AT END BENT 1 | 2 | 5 | 5 Square Feet |

General Comments

NEW WEARING SURFACE OVERLAY

Span 1 Left Bridge Rail**Concrete Railing**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|------------------------------------|-----------|---------|---------|---------|---------|
| 331 | Reinforced Concrete Bridge Railing | 43 | 33 | 10 | 0 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|-------------------------------------|-------------|-------------------------|--|--------|-----------|------|
| <input checked="" type="checkbox"/> | 331 | Cracking (RC and Other) | (3) UP TO 1/32 INCHES TRANSVERSE CRACKS ON TOP FACE OF CURB. | 2 | 3 | Feet |
| <input checked="" type="checkbox"/> | 331 | Cracking (RC and Other) | (3) UP TO 1/32 INCHES VERTICAL CRACKS AT RANDOM THROUGHOUT SOUTH FACE OF CURB. | 2 | 3 | Feet |
| <input checked="" type="checkbox"/> | 331 | Cracking (RC and Other) | (4) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT RAILS | 2 | 4 | Feet |

General Comments

Span 1 Right Bridge Rail

Concrete Railing

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|------------------------------------|-----------|---------|---------|---------|---------|
| 331 | Reinforced Concrete Bridge Railing | 43 | 38 | 5 | 0 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|--|----|--------|-----------|
| <input checked="" type="checkbox"/> 331 | Cracking (RC and Other) | (3) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT RAILS AND CURB. | 2 | 3 | Feet |
| <input checked="" type="checkbox"/> 331 | Delamination/Spall | 1 INCH X 2 INCH X 1/2 INCH DEEP SPALL ON TOP OF RAIL AT POST 3 | 2 | 1 | 1 Feet |
| <input checked="" type="checkbox"/> 331 | Delamination/Spall | 6 INCHES X 2 INCHES X 1/4 INCHES SPALL ON NORTH FACE OF RAIL AT 4TH RAIL POST FROM BENT 1. | 2 | 1 | 1 Feet |

General Comments

Span 2 Deck

Reinforced Concrete Deck Slab

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|---------------------------|-----------|---------|---------|---------|---------------|
| 38 | Reinforced Concrete Slabs | 1,337 | 1,296 | 41 | 0 | 0 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|--|------------------------|--|----|--------|---------------|
| <input checked="" type="checkbox"/> 38 | Abrasion/Wear (PSC/RC) | 5 SQUARE FEET OF HONEYCOMBING AT RANDOM THROUGHOUT DRAINAGE OUTLETS ON THE NORTH OVERHANG | 2 | 5 | Square Feet |
| <input checked="" type="checkbox"/> 38 | Delamination/Spall | 5 INCHES X 2 INCHES X 1 INCH DEEP SPALL IN SOUTH OVERHANG NEAR POST 5 | 2 | 1 | 1 Square Feet |
| <input checked="" type="checkbox"/> 38 | Patched Area | 35 SQUARE FEET UP TO 2 FEET X 1 FEET PATCHED AREAS AT RANDOM THROUGHOUT DECK UNDERSIDE BETWEEN BEAMS 2 AND 4 | 2 | 35 | Square Feet |

General Comments

Span 2 Beam 1

Reinforced Concrete Girder

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|
| 110 | Reinforced Concrete Open Girder/Beam | 43 | 32 | 11 | 0 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|--|----|--------|-----------|
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | (10) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT | 2 | 10 | Feet |
| <input checked="" type="checkbox"/> 110 | Delamination/Spall | 2 INCH X 4 INCH X 1 INCH DEEP SPALL ON LEFT SIDE OF BEAM AT BENT 1 | 2 | 1 | 1 Feet |

General Comments

Span 2**Beam 2****Reinforced Concrete Girder**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|
| 110 | Reinforced Concrete Open Girder/Beam | 43 | 19 | 20 | 4 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|--|----|--------|-----------|
| <input checked="" type="checkbox"/> 110 | Delamination/Spall | 8 INCHES X 6 INCHES X 1 INCHES DEEP SPALL WITH ASSOCIATED 38 INCHES X 16 INCHES DELAMINATION ON SOUTH FACE AT BENT 2. | 3 | 4 | 4 Feet |
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | (13) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 13 | Feet |
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | 26 INCHES X 1/64 INCHES VERTICAL CRACK ON EAST FACE OF BENT 1 END DIAPHRAGM BETWEEN BEAMS 2 AND 3 BEGINNING AT TOP OF CAP. | 2 | 1 | Feet |
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | 42 INCHES X 22 INCHES AREA OF UP TO 1/64 INCHES HORIZONTAL AND VERTICAL CRACKS ON WEST FACE OF BENT 2 END DIAPHRAGM BETWEEN BEAMS 2 AND 3. | 2 | 4 | Feet |
| <input checked="" type="checkbox"/> 110 | Exposed Rebar | (4) UP TO 4 INCH X 6 INCH X 1/2 INCH DEEP SPALLS WITH EXPOSED REINFORCING ON EAST FACE 3 FEET FROM BENT 2. | 2 | 2 | 2 Feet |

General Comments**Span 2****Beam 3****Reinforced Concrete Girder**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|
| 110 | Reinforced Concrete Open Girder/Beam | 43 | 24 | 19 | 0 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|--|----|--------|-----------|
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | (10) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 10 | Feet |
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | (3) UP TO 33 INCHES X 1/64 INCHES VERTICAL CRACKS ON WEST FACE OF BENT 2 END DIAPHRAGM BETWEEN BEAMS 3 AND 4. | 2 | 3 | Feet |
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | 16 INCHES X 1/32 INCHES HORIZONTAL CRACK ON SOUTH FACE 14 FEET FROM BENT 2. | 2 | 2 | Feet |
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | 27 INCH X 1/64 INCHES HORIZONTAL CRACK ON NORTH FACE 10 FEET FROM BENT 2. | 2 | 3 | Feet |
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | 28 INCHES X 1/64 INCHES VERTICAL CRACK ON EAST FACE OF BENT 1 END DIAPHRAGM BETWEEN BEAMS 3 AND 4 BEGINNING AT TOP OF CAP. | 2 | 1 | Feet |

General Comments**Span 2****Beam 4****Reinforced Concrete Girder**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|
| 110 | Reinforced Concrete Open Girder/Beam | 43 | 31 | 12 | 0 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|----------------|-------------|--------------------|----|--------|-----------|
|----------------|-------------|--------------------|----|--------|-----------|

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|-------------------------------------|------------|-------------------------|--|---|---|--------|
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | (8) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 8 | Feet |
| <input checked="" type="checkbox"/> | 110 | Delamination/Spall | (2) UP TO 3" X 2 1/2" X 1/2" DEEP SPALL ON BOTTOM OF BEAM AT BENT 1 | 2 | 1 | 1 Feet |
| <input checked="" type="checkbox"/> | 110 | Delamination/Spall | 9 INCHES X 4 INCHES X 1/2 DEEP INCHES SPALL WITH ASSOCIATED 18 INCHES X 9 INCHES DELAMINATION ON SOUTH FACE AT BENT 2. | 2 | 2 | 2 Feet |
| <input checked="" type="checkbox"/> | 110 | Exposed Rebar | 6 INCHES DIAMETER X 1/2 INCHES DEEP SPALL WITH EXPOSED REINFORCING ON NORTH FACE AT BENT 1. | 2 | 1 | 1 Feet |

General Comments

Span 2 Beam 5 Reinforced Concrete Girder

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|
| 110 | Reinforced Concrete Open Girder/Beam | 43 | 36 | 7 | 0 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|-------------------------------------|-------------|-------------------------|--|--------|-----------|--------|
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | (6) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 6 | Feet |
| <input checked="" type="checkbox"/> | 110 | Delamination/Spall | 7 INCH X 3 INCH X 1/2 INCH DEEP SPALL AND AREA OF DELAMINATION ON SOUTH FACE AT BENT 2 | 2 | 1 | 1 Feet |

General Comments

Span 2 Wearing Surface Asphalt Wearing Surface

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|-----------------|-----------|---------|---------|---------|---------------|
| 510 | Wearing Surface | 1,188 | 1,183 | 0 | 5 | 0 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|-------------------------------------|-------------|-------------------------|--|--------|-----------|---------------|
| <input checked="" type="checkbox"/> | 510 | Crack (Wearing Surface) | 5 SQUARE FEET UP TO 1/16 INCH TRANSVERSE CRACK AT BENT 1 | 3 | 5 | 5 Square Feet |

General Comments

NEW WEARING SURFACE OVERLAY

Span 2 Left Bridge Rail Concrete Railing

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|------------------------------------|-----------|---------|---------|---------|---------|
| 331 | Reinforced Concrete Bridge Railing | 43 | 39 | 4 | 0 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|-------------------------------------|-------------|-------------------------|---|--------|-----------|------|
| <input checked="" type="checkbox"/> | 331 | Cracking (RC and Other) | (4) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT RAIL AND CURB. | 2 | 4 | Feet |

General Comments

Span 3**Deck****Reinforced Concrete Deck Slab**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|---------------------------|-----------|---------|---------|---------|---------------|
| 38 | Reinforced Concrete Slabs | 1,347 | 1,324 | 23 | 0 | 0 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|--|------------------------|--|----|--------|-------------|
| <input checked="" type="checkbox"/> 38 | Abrasion/Wear (PSC/RC) | 3 SQUARE FEET OF HONEYCOMBING AT RANDOM THROUGHOUT DRAINAGE OUTLETS ON THE NORTH OVERHANG. | 2 | 3 | Square Feet |
| <input checked="" type="checkbox"/> 38 | Patched Area | 20 SQUARE FEET OF UP TO 3 FEET X 2 FEET PATCHED AREAS INCHES DECK UNDERSIDE AT BENT 3 | 2 | 20 | Square Feet |

General Comments**Span 3****Beam 1****Reinforced Concrete Girder**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|
| 110 | Reinforced Concrete Open Girder/Beam | 43 | 24 | 19 | 0 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|--|----|--------|-----------|
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | (7) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 7 | Feet |
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | 10 INCH HAIRLINE LONGITUDINAL CRACK ON BOTTOM OF BEAM AT BENT 2 | 2 | 1 | Feet |
| <input checked="" type="checkbox"/> 110 | Delamination/Spall | 6 INCHES X 3 INCHES X 1 INCHES DEEP SPALL ON NORTH FACE AT BENT 3 | 2 | 1 | 1 Feet |
| <input checked="" type="checkbox"/> 110 | Exposed Rebar | 5 INCHES X 2 INCHES X 1/4 INCHES DEEP SPALL WITH EXPOSED REINFORCING ON WEST FACE OF BENT 2 END DIAPHRAGM BETWEEN BEAMS 1 AND 2. | 2 | 1 | 1 Feet |
| <input checked="" type="checkbox"/> 110 | Patched Area | 10 INCHES X 15 INCHES PATCHED AREA ON NORTH FACE AT BENT 2. | 2 | 1 | Feet |
| <input checked="" type="checkbox"/> 110 | Patched Area | 12 INCH X 16 INCH AREA OF SOUND PATCH ON BOTTOM OF BEAM AT BENT 2 | 2 | 1 | Feet |
| <input checked="" type="checkbox"/> 110 | Patched Area | 3 INCH X 6 INCH AREA OF SOUND PATCH ON RIGHT SIDE OF BEAM AT BENT 2 | 2 | 1 | Feet |
| <input checked="" type="checkbox"/> 110 | Patched Area | 70 INCHES X 3 INCHES X UP TO 4 INCHES DEEP SPALL WITH EXPOSED REINFORCING ON THE SOUTH BOTTOM CORNER, 8 FEET FROM BENT 2 (PATCHED) | 2 | 6 | Feet |

General Comments**Span 3****Beam 2****Reinforced Concrete Girder**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|
| 110 | Reinforced Concrete Open Girder/Beam | 43 | 28 | 11 | 4 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|--------------------|---|----|--------|-----------|
| <input checked="" type="checkbox"/> 110 | Delamination/Spall | 10 INCHES X 3 INCHES X 2 INCHES DEEP SPALL SOUTH FACE 9 FEET FROM BENT 3. | 3 | 1 | 1 Feet |
| <input checked="" type="checkbox"/> 110 | Delamination/Spall | 9 INCHES X 12 INCHES X 1/2 INCHES DEEP SPALL ON NORTH FACE, 8 FEET FROM BENT 3. | 3 | 1 | 1 Feet |

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|-------------------------------------|-----|-------------------------|--|---|---|---|------|
| <input checked="" type="checkbox"/> | 110 | Delamination/Spall | 9 INCHES X 20 INCHES X 2 INCHES DEEP SPALL ON NORTH FACE AT BENT 2. | 3 | 1 | 1 | Feet |
| <input checked="" type="checkbox"/> | 110 | Exposed Rebar | 8 INCH X 11 INCH X 1/4 IN DEEP SPALL WITH EXPOSED REINFORCING ON BOTTOM FACE, 8 FEET FROM BENT 3. | 3 | 1 | 1 | Feet |
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | (2) UP TO 28 INCHES X 1/64 INCHES VERTICAL CRACKS ON WEST FACE OF BENT 3 END DIAPHRAGM BETWEEN BEAMS 2 AND 3. | 2 | 2 | | Feet |
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | (7) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 7 | | Feet |
| <input checked="" type="checkbox"/> | 110 | Exposed Rebar | 6 INCH X 5 INCHES X 3/4 INCHES DEEP SPALL WITH EXPOSED REINFORCING ON NORTH FACE AT BENT 3. | 2 | 1 | 1 | Feet |
| <input checked="" type="checkbox"/> | 110 | Exposed Rebar | 6 INCHES X 4 INCHES X 1/4 INCHES DEEP SPALL WITH EXPOSED REINFORCING ON WEST FACE OF BENT 2 END DIAPHRAGM AT BEAM 2. | 2 | 1 | 1 | Feet |

General Comments**Span 3****Beam 3****Reinforced Concrete Girder**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|------|
| 110 | Reinforced Concrete Open Girder/Beam | 43 | 36 | 7 | 0 | 0 | Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | | |
|-------------------------------------|-------------|-------------------------|---|--------|-----------|--|------|
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | (4) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 4 | | Feet |
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | 33 INCHES X 1/64 INCHES VERTICAL CRACK ON EAST FACE OF BENT 2 END DIAPHRAGM BETWEEN BEAMS 3 AND 4. | 2 | 1 | | Feet |
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | 33 INCHES X 1/64 INCHES VERTICAL CRACK ON WEST FACE OF BENT 3 END DIAPHRAGM BETWEEN BEAMS 3 AND 4. | 2 | 1 | | Feet |
| <input checked="" type="checkbox"/> | 110 | Patched Area | 3 INCH X 4 INCH X 3/4 INCH SPALL WITH EXPOSED REINFORCING ON NORTH FACE 12 FEET FROM BENT 2 (PATCHED) | 2 | 1 | | Feet |

General Comments**Span 3****Beam 4****Reinforced Concrete Girder**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|------|
| 110 | Reinforced Concrete Open Girder/Beam | 43 | 35 | 8 | 0 | 0 | Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | | |
|-------------------------------------|-------------|-------------------------|---|--------|-----------|---|------|
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | (5) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 5 | | Feet |
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | 13 INCHES X 1/32 INCHES VERTICAL CRACK ON SOUTH FACE AT BENT 2. | 2 | 1 | | Feet |
| <input checked="" type="checkbox"/> | 110 | Delamination/Spall | 5 INCHES X 3 INCHES X 1/2 INCHES DEEP SPALL ON NORTH FACE 11 FEET FROM BENT 3. | 2 | 1 | 1 | Feet |
| <input checked="" type="checkbox"/> | 110 | Exposed Rebar | 6 INCHES X 5 INCHES X 1/2 INCH DEEP SPALL WITH EXPOSED REINFORCING ON SOUTH FACE, 1 FEET FROM BENT 2. | 2 | 1 | 1 | Feet |

General Comments**Span 3 Beam 5****Reinforced Concrete Girder**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|
| 110 | Reinforced Concrete Open Girder/Beam | 43 | 34 | 9 | 0 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|---|----|--------|-----------|
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | (8) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 8 | Feet |
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | 20 INCHES X 1/32 INCHES VERTICAL CRACK ON NORTH FACE 18 FEET FROM BENT 2. | 2 | 1 | Feet |

General Comments**Span 3 Wearing Surface****Asphalt Wearing Surface**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|-----------------|-----------|---------|---------|---------|---------------|
| 510 | Wearing Surface | 1,196 | 1,191 | 5 | 0 | 0 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|---|----|--------|---------------|
| <input checked="" type="checkbox"/> 510 | Crack (Wearing Surface) | 5 SQUARE FEET HAIRLINE TRANSVERSE CRACK AT BENT 2 | 2 | 5 | 5 Square Feet |

General Comments

NEW WEARING SURFACE OVERLAY

Span 3 Left Bridge Rail**Concrete Railing**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|------------------------------------|-----------|---------|---------|---------|---------|
| 331 | Reinforced Concrete Bridge Railing | 43 | 38 | 5 | 0 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|---|----|--------|-----------|
| <input checked="" type="checkbox"/> 331 | Cracking (RC and Other) | (2) UP TO 1/32 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT CURB. | 2 | 2 | Feet |
| <input checked="" type="checkbox"/> 331 | Cracking (RC and Other) | (2) UP TO 1/32 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT RAIL. | 2 | 2 | Feet |
| <input checked="" type="checkbox"/> 331 | Delamination/Spall | 3 INCHES DIAMETER X 1/4 INCHES SPALL ON SOUTH FACE OF RAIL 14 FEET FROM BENT 3. | 2 | 1 | 1 Feet |

General Comments**Span 3 Right Bridge Rail****Concrete Railing**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|------------------------------------|-----------|---------|---------|---------|---------|
| 331 | Reinforced Concrete Bridge Railing | 43 | 41 | 2 | 0 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|---|----|--------|-----------|
| <input checked="" type="checkbox"/> 331 | Cracking (RC and Other) | (2) HAIRLINE VERTICAL AND TRANSVERSE CRACKS ON CURB | 2 | 2 | Feet |

General Comments

Span 3 Far Bearing**Other Bearing**

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

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|---|-------------------------------|----|--------|---------------|
| <input checked="" type="checkbox"/> 316 | Corrosion | RUST SCALE, BEARING ASSEMBLY. | 3 | 1 | 1 Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | RUST SCALE, BEARING ASSEMBLY. | 4 | 1 | 1 Square Feet |

General Comments**Span 3 Far Bearing****Other Bearing**

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

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|---|-------------------------------|----|--------|---------------|
| <input checked="" type="checkbox"/> 316 | Corrosion | RUST SCALE, BEARING ASSEMBLY. | 3 | 1 | 1 Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | RUST SCALE, BEARING ASSEMBLY. | 4 | 1 | 1 Square Feet |

General Comments**Span 3 Far Bearing****Other Bearing**

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

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|---|-------------------------------|----|--------|---------------|
| <input checked="" type="checkbox"/> 316 | Corrosion | RUST SCALE, BEARING ASSEMBLY. | 3 | 1 | 1 Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | RUST SCALE, BEARING ASSEMBLY. | 4 | 1 | 1 Square Feet |

General Comments**Span 3 Far Bearing****Other Bearing**

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

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|----------------|-------------|--------------------|----|--------|-----------|
|----------------|-------------|--------------------|----|--------|-----------|

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|-------------------------------------|------------|---|-------------------------------|---|---|---|-------------|
| <input checked="" type="checkbox"/> | 316 | Corrosion | RUST SCALE, BEARING ASSEMBLY. | 3 | 1 | 1 | Each |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | RUST SCALE, BEARING ASSEMBLY. | 4 | 1 | 1 | Square Feet |

General Comments**Span 4 Deck****Reinforced Concrete Deck Slab**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|---------------------------|-----------|---------|---------|---------|---------|-------------|
| 38 | Reinforced Concrete Slabs | 1,316 | 1,289 | 14 | 13 | 0 | Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | | |
|-------------------------------------|-------------|--------------------|---|--------|-----------|---|-------------|
| <input checked="" type="checkbox"/> | 38 | Exposed Rebar | 4 INCHES X 8 INCHES X 3/4 DEEP INCHES SPALL WITH EXPOSED REINFORCING AND AREA OF DELAMINATION ON SOUTH FACE AT WEST FACE OF 3RD RAIL POST BLOCKOUT FROM END BENT 2. | 3 | 1 | 1 | Square Feet |
| <input checked="" type="checkbox"/> | 38 | Patched Area | 3 FEET X 2 FEET FAILED PATCHED AREA WITH UP TO 1/32 INCHES LONGITUDINAL CRACKS BETWEEN BEAMS 1 AND 2 AT BENT 3. | 3 | 6 | 6 | Square Feet |
| <input checked="" type="checkbox"/> | 38 | Patched Area | 36 INCH X 24 INCH AREA OF PATCH WITH 2 INCH X 1 INCH X 1/2 INCH DEEP SPALL WITH EXPOSED REBAR ON BOTTOM OF DECK IN BAY 2 AT BENT 3 | 3 | 6 | 3 | Square Feet |
| <input checked="" type="checkbox"/> | 38 | Patched Area | 14 SQUARE FEET OF UP TO 2 FEET X 3 FEET PATCHED AREAS INCHES DECK UNDERSIDE BETWEEN BEAMS 2 AND 5 | 2 | 14 | | Square Feet |

General Comments**Span 4 Beam 1****Reinforced Concrete Girder**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|------|
| 110 | Reinforced Concrete Open Girder/Beam | 42 | 34 | 8 | 0 | 0 | Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | | |
|-------------------------------------|-------------|-------------------------|---|--------|-----------|---|------|
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | (7) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 7 | | Feet |
| <input checked="" type="checkbox"/> | 110 | Delamination/Spall | 6 INCHES X 3 INCHES X 1 INCH DEEP SPALL ON NORTH FACE AT BENT 3 | 2 | 1 | 1 | Feet |

General Comments**Span 4 Beam 2****Reinforced Concrete Girder**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|------|
| 110 | Reinforced Concrete Open Girder/Beam | 42 | 26 | 15 | 1 | 0 | Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | | |
|-------------------------------------|-------------|-------------------------|---|--------|-----------|---|------|
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | 6 INCHES X 1/16 INCHES DIAGONAL CRACK ON BOTTOM FACE AND EXTENDING UP TO 4 INCHES ONTO NORTH FACE, 2 FEET FROM BENT 3 | 3 | 1 | 1 | Feet |

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|-------------------------------------|-----|-------------------------|---|---|---|--------|
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | (2) UP TO 10 INCHES X 1/32 INCHES VERTICAL CRACKS ON NORTH FACE AT BENT 3 | 2 | 2 | Feet |
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | (2) UP TO 24 INCHES X 1/64 INCHES VERTICAL CRACKS ON EAST FACE OF BENT 3 END DIAPHRAGM BETWEEN BEAMS 2 AND 3. | 2 | 2 | Feet |
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | (7) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 7 | Feet |
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | 30 INCHES X 1/32 INCHES HORIZONTAL CRACK ON NORTH FACE 1 FEET FROM BENT 3. | 2 | 3 | Feet |
| <input checked="" type="checkbox"/> | 110 | Delamination/Spall | 5 INCHES X 3 INCHES X 1/2 INCHES DEEP SPALL ON EAST FACE OF BENT 3 END DIAPHRAGM BETWEEN BEAMS 2 AND 3. | 2 | 1 | 1 Feet |

General Comments**Span 4****Beam 3****Reinforced Concrete Girder**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|
| 110 | Reinforced Concrete Open Girder/Beam | 42 | 37 | 5 | 0 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|-------------------------------------|-------------|-------------------------|--|--------|-----------|------|
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | (4) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT | 2 | 4 | Feet |
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | 33 INCHES X 1/64 INCHES VERTICAL CRACK ON EAST FACE OF BENT 3 END DIAPHRAGM BETWEEN BEAMS 3 AND 4. | 2 | 1 | Feet |

General Comments**Span 4****Beam 4****Reinforced Concrete Girder**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|
| 110 | Reinforced Concrete Open Girder/Beam | 42 | 33 | 8 | 1 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|-------------------------------------|-------------|-------------------------|--|--------|-----------|--------|
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | 20 INCHES X 1/16 INCHES DIAGONAL CRACK ON SOUTH FACE AT BENT 3 | 3 | 1 | 1 Feet |
| <input checked="" type="checkbox"/> | 110 | Cracking (RC and Other) | (4) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 4 | Feet |
| <input checked="" type="checkbox"/> | 110 | Delamination/Spall | 4 INCH X 7 INCH AREA OF DELAMINATION ON LEFT SIDE OF BEAM AT BENT 3 | 2 | 1 | 1 Feet |
| <input checked="" type="checkbox"/> | 110 | Exposed Rebar | 2 FEET OF UP TO 4 INCHES X 4 INCHES X 1 INCHES DEEP SPALLS WITH EXPOSED REINFORCING ON SOUTH FACE 2 FEET FROM BENT 3. | 2 | 2 | 2 Feet |
| <input checked="" type="checkbox"/> | 110 | Exposed Rebar | 6 INCH X 4 INCHES X 1/2 INCHES DEEP SPALL WITH EXPOSED REINFORCING ON EAST FACE OF BENT 3 END DIAPHRAGM BETWEEN BEAMS 4 AND 5. | 2 | 1 | 1 Feet |

General Comments

Span 4**Beam 5****Reinforced Concrete Girder**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------------------|-----------|---------|---------|---------|---------|
| 110 | Reinforced Concrete Open Girder/Beam | 42 | 34 | 7 | 1 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|---|----|--------|-----------|
| <input checked="" type="checkbox"/> 110 | Delamination/Spall | 4 INCHES X 3 INCHES X 4 INCHES DEEP SPALL ON NORTH FACE AT BENT 3 | 3 | 1 | 1 Feet |
| <input checked="" type="checkbox"/> 110 | Cracking (RC and Other) | (7) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT. | 2 | 7 | Feet |

General Comments**Span 4****Near Bearing****Other Bearing**

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

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|---|-------------------------------|----|--------|---------------|
| <input checked="" type="checkbox"/> 316 | Corrosion | RUST SCALE, BEARING ASSEMBLY. | 3 | 1 | 1 Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | RUST SCALE, BEARING ASSEMBLY. | 4 | 1 | 1 Square Feet |

General Comments**Span 4****Near Bearing****Other Bearing**

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

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|---|-------------------------------|----|--------|---------------|
| <input checked="" type="checkbox"/> 316 | Corrosion | RUST SCALE, BEARING ASSEMBLY. | 3 | 1 | 1 Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | RUST SCALE, BEARING ASSEMBLY. | 4 | 1 | 1 Square Feet |

General Comments**Span 4****Wearing Surface****Asphalt Wearing Surface**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|-----------------|-----------|---------|---------|---------|---------------|
| 510 | Wearing Surface | 1,169 | 1,141 | 28 | 0 | 0 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|---|----|--------|----------------|
| <input checked="" type="checkbox"/> 510 | Crack (Wearing Surface) | 6 SQUARE FEET HAIRLINE TRANSVERSE CRACK AT END BENT 2 | 2 | 28 | 28 Square Feet |

General Comments

NEW WEARING SURFACE OVERLAY

Span 4 Left Bridge Rail**Concrete Railing**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|------------------------------------|-----------|---------|---------|---------|---------|
| 331 | Reinforced Concrete Bridge Railing | 42 | 28 | 8 | 6 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|--|----|--------|-----------|
| <input checked="" type="checkbox"/> 331 | Cracking (RC and Other) | (4) UP TO 1/16 INCHES CRACKS ON TOP AND NORTH FACE 18 FEET FROM END BENT 2. | 3 | 4 | 4 Feet |
| <input checked="" type="checkbox"/> 331 | Damage | 20 INCHES OF UP TO 1/2 INCHES GOUGES AND 1/16 INCH WRAPAROUND CRACKS ON ALL FACES OF RAIL 15 FEET FROM BENT 3. | 3 | 2 | Feet |
| <input checked="" type="checkbox"/> 331 | Delamination/Spall | 3 INCHES X 2 INCHES X 2 INCHES DEEP SPALL ON TOP AND SOUTH FACES, 19 FEET FROM END BENT 2. | 3 | 1 | 1 Feet |
| <input checked="" type="checkbox"/> 331 | Cracking (RC and Other) | (6) UP TO 1/32 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT RAIL AND CURB. | 2 | 6 | Feet |
| <input checked="" type="checkbox"/> 331 | Delamination/Spall | 2 INCH DIAMETER X 3/4 INCH DEEP SPALL ON SOUTH FACE, 13 FEET FROM FROM BENT 3. | 2 | 1 | 1 Feet |

General Comments**Span 4 Right Bridge Rail****Concrete Railing**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|------------------------------------|-----------|---------|---------|---------|---------|
| 331 | Reinforced Concrete Bridge Railing | 42 | 35 | 7 | 0 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|--|----|--------|-----------|
| <input checked="" type="checkbox"/> 331 | Cracking (RC and Other) | (2) UP TO 1/32 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT RAIL. | 2 | 2 | Feet |
| <input checked="" type="checkbox"/> 331 | Cracking (RC and Other) | (5) UP TO 1/32 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT CURB. | 2 | 5 | Feet |

General Comments**End Bent 1 Abutment****Reinforced Concrete Abutment**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|------------------------------|-----------|---------|---------|---------|---------|
| 215 | Reinforced Concrete Abutment | 29 | 0 | 0 | 29 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|---|----|--------|-----------|
| <input checked="" type="checkbox"/> 215 | Scour | 29 FEET X 38 INCHES DEEP UNDERNEATH UNDER END BENT 1 CAP (PAR) | 3 | 29 | 29 Feet |
| <input checked="" type="checkbox"/> 215 | Cracking (RC and Other) | (2) UP TO 33 INCHES X 1/64 INCHES VERTICAL CRACKS AT RANDOM THROUGHOUT. | 2 | | Feet |
| <input checked="" type="checkbox"/> 215 | Cracking (RC and Other) | 3 FEET X 2 FEET AREA OF UP TO 1/64 INCHES VERTICAL CRACKS, SOME WITH EFFLORESCENCE AT NORTH END | 2 | | Feet |
| <input checked="" type="checkbox"/> 215 | Cracking (RC and Other) | 36 INCHES X 42 INCHES AREA OF UP TO 1/64 INCHES MAP CRACKING AT NORTH END | 2 | | Feet |

General Comments

Bent 1**Cap 1****Reinforced Concrete Pier Cap**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|------------------------------|-----------|---------|---------|---------|---------|
| 234 | Reinforced Concrete Pier Cap | 29 | 12 | 8 | 9 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|--|----|--------|-----------|
| <input checked="" type="checkbox"/> 234 | Delamination/Spall | 10 INCHES X 10 INCHES X 1 1/2 INCHES DEEP SPALL AND AREA OF DELAMINATION AT SOUTHEAST CORNER | 3 | 1 | 1 Feet |
| <input checked="" type="checkbox"/> 234 | Exposed Rebar | (2) UP TO 8 INCHES X 12 INCHES X 1/2 INCHES DEEP SPALLS WITH EXPOSED REINFORCING ON WEST FACE BETWEEN BEAMS 2 AND 3 | 3 | 2 | 2 Feet |
| <input checked="" type="checkbox"/> 234 | Exposed Rebar | 14 INCHES X 26 INCHES X 2.5 INCHES DEEP SPALL WITH EXPOSED REBAR ON BOTTOM FACE BETWEEN PILES 1 AND 2 (PAR) | 3 | 2 | 2 Feet |
| <input checked="" type="checkbox"/> 234 | Exposed Rebar | 45 INCHES X 7 INCHES X 6 INCHES DEEP SPALL WITH EXPOSED REINFORCING ON WEST FACE BENEATH BEAM 1 AT BOTTOM OF CAP (PAR) | 3 | 4 | 4 Feet |
| <input checked="" type="checkbox"/> 234 | Cracking (RC and Other) | (2) UP TO 9 INCHES X 1/64 INCHES VERTICAL CRACKS ON EAST FACE BENEATH BEAM 3. | 2 | 2 | Feet |
| <input checked="" type="checkbox"/> 234 | Cracking (RC and Other) | 21 INCHES X 1/32 INCHES VERTICAL CRACK ON FACE BEGINNING AT BOTTOM OF CAP. | 2 | 1 | Feet |
| <input checked="" type="checkbox"/> 234 | Cracking (RC and Other) | 6 INCHES X 1/64 INCHES DIAGONAL CRACK ON EAST FACE BENEATH BEAM 1. | 2 | 1 | Feet |
| <input checked="" type="checkbox"/> 234 | Cracking (RC and Other) | 8 INCHES X 1/32 INCHES VERTICAL CRACK ON WEST FACE AT SOUTH END. | 2 | 1 | Feet |
| <input checked="" type="checkbox"/> 234 | Cracking (RC and Other) | 9 INCHES X 1/32 INCHES VERTICAL CRACK ON SOUTH FACE AT TOP OF CAP. | 2 | 1 | Feet |
| <input checked="" type="checkbox"/> 234 | Delamination/Spall | 4 INCH X 3 INCH X 1 INCH DEEP SPALL ON BOTTOM OF CAP AT SOUTH END | 2 | 1 | 1 Feet |
| <input checked="" type="checkbox"/> 234 | Patched Area | 8 INCHES X 7 INCHES X 5 INCHES DEEP SPALL ON THE SOUTHEAST CORNER AT BOTTOM OF CAP (PATCHED) | 2 | 1 | Feet |

General Comments**Bent 1****Pile 1****Steel Column**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------|-----------|---------|---------|---------|----------------|
| 202 | Steel Column | 1 | 0 | 1 | 0 | 0 Each |
| 515 | Steel Protective Coating | 180 | 164 | 0 | 0 | 16 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|---|---|----|--------|----------------|
| <input checked="" type="checkbox"/> 202 | Corrosion | 7 FEET OF PEELING PAINT WITH RUST AND SURFACE RUST AT RANDOM THROUGHOUT | 2 | 1 | Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 16 SQUARE FEET OF FAILED COATING. | 4 | 16 | 16 Square Feet |

General Comments

Bent 1 Pile 2
Steel Pile

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------|-----------|---------|---------|---------|---------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 Each |
| 515 | Steel Protective Coating | 180 | 176 | 0 | 0 | 4 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|---|---|----|--------|---------------|
| <input checked="" type="checkbox"/> 225 | Corrosion | 6 FEET OF PEELING PAINT WITH RUST AND SURFACE RUST AT RANDOM THROUGHOUT | 2 | 1 | Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 4 SQUARE FEET OF FAILED COATING | 4 | 4 | 4 Square Feet |

General Comments

Bent 1 Pile 3
Reinforced Concrete Column

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

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|--|----|--------|-----------|
| <input checked="" type="checkbox"/> 205 | Abrasion/Wear (PSC/RC) | 1 FEET OF ABRASION WITH EXPOSED COARSE AGGREGATE ON ALL FACES, 7 FEET FROM BOTTOM OF CAP | 2 | 1 | Each |
| <input checked="" type="checkbox"/> 205 | Cracking (RC and Other) | 10 INCHES X 24 INCHES AREA OF UP TO 1/64 INCHES MAP CRACKING ON EAST FACE, 1 FEET FROM BOTTOM OF CAP | 2 | | Each |

General Comments

Bent 1 Pile 4
Reinforced Concrete Column

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

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|--|----|--------|-----------|
| <input checked="" type="checkbox"/> 205 | Abrasion/Wear (PSC/RC) | 1 FEET OF ABRASION WITH EXPOSED COARSE AGGREGATE ON ALL FACES, 7 FEET FROM BOTTOM OF CAP | 2 | 1 | Each |
| <input checked="" type="checkbox"/> 205 | Cracking (RC and Other) | (2) UP TO 30 INCHES HAIRLINE HORIZONTAL CRACKS ON SOUTH FACE | 2 | | Each |
| <input checked="" type="checkbox"/> 205 | Cracking (RC and Other) | 3 FEET X 1 FEET AREA OF UP TO 1/64 INCHES MAP CRACKING ON WEST FACE AND EXTENDING 6 INCHES ONTO SOUTH FACE AT BOTTOM OF CAP. | 2 | | Each |
| <input checked="" type="checkbox"/> 205 | Patched Area | 18 INCHES X 46 INCHES SOUND PATCHED AREA ON EAST FACE AT TOP OF CAP | 2 | | Each |

General Comments

Bent 1**Pile 5****Steel Column**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------|-----------|---------|---------|---------|---------------|
| 202 | Steel Column | 1 | 0 | 1 | 0 | 0 Each |
| 515 | Steel Protective Coating | 180 | 176 | 0 | 0 | 4 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|---|--|----|--------|---------------|
| <input checked="" type="checkbox"/> 202 | Corrosion | 5 FEET OF PEELING PAINT WITH RUST AND SURFACE RUST AT RANDOM THROUGHOUT. | 2 | 1 | Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 4 SQUARE FEET OF FAILED COATING. | 4 | 4 | 4 Square Feet |

General Comments**Bent 1****Pile 6****Steel Column**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------|-----------|---------|---------|---------|---------------|
| 202 | Steel Column | 1 | 0 | 1 | 0 | 0 Each |
| 515 | Steel Protective Coating | 180 | 173 | 0 | 0 | 7 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|---|--|----|--------|---------------|
| <input checked="" type="checkbox"/> 202 | Corrosion | 5 FEET PEELING PAINT WITH RUST AND SURFACE RUST AT RANDOM THROUGHOUT | 2 | 1 | Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 7 SQUARE FEET OF FAILED COATING. | 4 | 7 | 7 Square Feet |

General Comments**Bent 2****Cap 1****Reinforced Concrete Pier Cap**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|------------------------------|-----------|---------|---------|---------|---------|
| 234 | Reinforced Concrete Pier Cap | 29 | 13 | 11 | 5 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|--|----|--------|-----------|
| <input checked="" type="checkbox"/> 234 | Exposed Rebar | 19 INCH X 12 INCH X 4 INCH DEEP SPALL WITH EXPOSED REINFORCING AND AREA OF DELAMINATION ON SOUTHWEST BOTTOM CORNER (PAR) | 3 | 2 | 2 Feet |
| <input checked="" type="checkbox"/> 234 | Patched Area | 21 INCHES X 4 INCHES X 3 INCHES DEEP SPALL WITH ASSOCIATED 3/2 INCHES X 1/32 INCHES VERTICAL CRACK ON WEST FACE BENEATH BEAM 3 AND ASSOCIATED 22 INCHES X 9 INCHES DELAMINATION ON BOTTOM FACE (PATCHED WITH HAIRLINE VERTICAL CRACKS) | 3 | 3 | 3 Feet |
| <input checked="" type="checkbox"/> 234 | Cracking (RC and Other) | (3) UP TO 30 INCHES X 1/64 INCHES VERTICAL CRACKS AT RANDOM THROUGHOUT SOUTH FACE. | 2 | 3 | Feet |
| <input checked="" type="checkbox"/> 234 | Cracking (RC and Other) | 12 INCHES X 6 INCHES AREA OF UP TO 1/64 INCHES AREA OF LONGITUDINAL AND VERTICAL CRACKS ON EAST FACE BETWEEN BEAMS 2 AND 3, 2 FEET BELOW TOP OF CAP. | 2 | 1 | Feet |

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| | | | | | | | |
|-------------------------------------|------------|--------------------|---|---|---|---|------|
| <input checked="" type="checkbox"/> | 234 | Delamination/Spall | 6 INCH X 4 INCH X 1/2 INCH DEEP SPALL ON EAST FACE 2 FEET BELOW TOP OF CAP BENEATH BEAM 2 | 2 | 1 | 1 | Feet |
| <input checked="" type="checkbox"/> | 234 | Exposed Rebar | 5 INCHES X 2 INCHES X 1/4 INCHES DEEP SPALL WITH EXPOSED REINFORCING ON NORTH FACE 8 INCHES FROM TOP OF CAP | 2 | 1 | 1 | Feet |
| <input checked="" type="checkbox"/> | 234 | Patched Area | 10 INCHES X 5 INCHES X 1 INCHES DEEP SPALL WITH EXPOSED REINFORCING ON BOTTOM FACE BENEATH BEAM 3 (PATCHED) | 2 | 1 | | Feet |
| <input checked="" type="checkbox"/> | 234 | Patched Area | 28 INCHES X 9 INCHES DELAMINATION ON BOTTOM FACE BETWEEN BEAMS 2 AND 3 (PATCHED) | 2 | 3 | | Feet |
| <input checked="" type="checkbox"/> | 234 | Patched Area | 4 INCH X 7 INCH AREA OF SOUND PATCH ON SPAN 3 FACE UNDER BAY 1 | 2 | 1 | | Feet |

General Comments

Bent 2 Pile 1

Steel Column

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------|-----------|---------|---------|---------|---------|-------------|
| 202 | Steel Column | 1 | 0 | 1 | 0 | 0 | Each |
| 515 | Steel Protective Coating | 180 | 165 | 0 | 0 | 15 | Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | | |
|-------------------------------------|-------------|---|----|--|-----------|----|----------------|
| <input checked="" type="checkbox"/> | 202 | Corrosion | | 6 FEET OF PEELING PAINT WITH RUST AND SURFACE RUST AT RANDOM THROUGHOUT. | 2 | 1 | Each |
| <input type="checkbox"/> | 202 | Corrosion | | U/W 12/11/19 - 1/4 INCH FEET TO 1 INCHES DIAMETER RUST BLOOMS BELOW W/L. | 2 | | Each |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | | 14 SQUARE FEET OF FAILED COATING. | 4 | 14 | 14 Square Feet |
| <input type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 1 | 1 Square Feet |

General Comments

Bent 2 Pile 2

Steel Pile

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------|-----------|---------|---------|---------|---------|-------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 | Each |
| 515 | Steel Protective Coating | 180 | 176 | 0 | 0 | 4 | Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | | |
|-------------------------------------|-------------|---|----|--|-----------|---|---------------|
| <input checked="" type="checkbox"/> | 225 | Corrosion | | 2 FEET OF PEELING PAINT WITH RUST AND SURFACE RUST AT RANDOM THROUGHOUT. | 2 | 1 | Each |
| <input type="checkbox"/> | 225 | Corrosion | | U/W 12/11/19 - 1/4 INCH TO 1 INCH DIAMETER RUST BLOOMS BELOW W/L | 2 | | Each |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | | 3 SQUARE FEET OF FAILED COATING. | 4 | 3 | 3 Square Feet |
| <input type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 1 | 1 Square Feet |

General Comments

Bent 2**Pile 3****Reinforced Concrete Column**

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

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|---|-----------------------------|---|----|--------|-----------|------|
| <input checked="" type="checkbox"/> 205 | Efflorescence/Rust Staining | 15 INCHES X UP TO 1/32 INCHES VERTICAL CRACK WITH EFFLORESCENCE AND HEAVY BUILDUP ON EAST FACE AT BOTTOM OF CAP (WEST FACE SIMILAR) | 3 | | 2 | Each |
| <input checked="" type="checkbox"/> 205 | Patched Area | (2) UP TO 9 INCHES X 3 INCHES X 3 INCHES DEEP SPALLS WITH ASSOCIATED 40 INCHES X 16 INCHES DELAMINATION ON WEST FACE 1 FEET BELOW BOTTOM OF CAP (PATCHED) | 3 | 1 | 4 | Each |
| <input checked="" type="checkbox"/> 205 | Abrasion/Wear (PSC/RC) | 1 FEET OF ABRASION WITH EXPOSED COARSE AGGREGATE ON ALL FACES 7 FEET FROM BOTTOM OF CAP. | 2 | | | Each |
| <input type="checkbox"/> 205 | Abrasion/Wear (PSC/RC) | U/W 12/11/19 - COARSE AGGREGATE EXPOSURE TO 5/16 INCHES | 2 | | | Each |
| <input checked="" type="checkbox"/> 205 | Patched Area | 4 INCHES X 3 INCHES X 1/2 INCHES DEEP SPALL WITH EXPOSED REINFORCING ON EAST FACE 4 FEET FROM BOTTOM OF CAP (PATCHED) | 2 | | | Each |

General Comments**Bent 2****Pile 4****Reinforced Concrete Column**

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

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|---|-----------------------------|---|----|--------|-----------|------|
| <input checked="" type="checkbox"/> 205 | Efflorescence/Rust Staining | 19 INCHES X 1/64 INCHES VERTICAL CRACK WITH EFFLORESCENCE AND HEAVY BUILDUP ON WEST FACE AT BOTTOM OF CAP. | 3 | 1 | 2 | Each |
| <input checked="" type="checkbox"/> 205 | Abrasion/Wear (PSC/RC) | 1 FEET OF ABRASION WITH EXPOSED COARSE AGGREGATE ON ALL FACES 7 FEET FROM BOTTOM OF CAP. | 2 | | | Each |
| <input type="checkbox"/> 205 | Abrasion/Wear (PSC/RC) | U/W 12/11/19 - COARSE AGGREGATE EXPOSURE TO 5/16 INCHES | 2 | | | Each |
| <input checked="" type="checkbox"/> 205 | Cracking (RC and Other) | 30 INCH HARLINE VERTICAL CRACK WITH EFFLORESCENCE ON SPAN 3 FACE | 2 | | | Each |
| <input checked="" type="checkbox"/> 205 | Cracking (RC and Other) | 30 INCHES X 10 INCHES AREA OF UP TO 1/32 INCHES MAP CRACKING WITH EFFLORESCENCE ON WEST FACE AT TOP OF CAP. | 2 | | | Each |
| <input checked="" type="checkbox"/> 205 | Cracking (RC and Other) | 55 INCHES X 1/32 INCHES VERTICAL CRACK WITH EFFLORESCENCE ON WEST FACE 3 FEET FROM BOTTOM OF CAP. | 2 | | | Each |
| <input checked="" type="checkbox"/> 205 | Patched Area | 20 INCHES X 10 INCHES PATCHED AREA ON WEST FACE AT BOTTOM OF CAP. | 2 | | | Each |

General Comments

Bent 2**Pile 5****Steel Column**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------|-----------|---------|---------|---------|---------|-------------|
| 202 | Steel Column | 1 | 0 | 1 | 0 | 0 | Each |
| 515 | Steel Protective Coating | 180 | 169 | 0 | 0 | 11 | Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|---|---|--|----|--------|-----------|-------------|
| <input checked="" type="checkbox"/> 202 | Corrosion | 7 FEET OF PEELING PAINT WITH RUST AND SURFACE RUST AT RANDOM THROUGHOUT. | 2 | 1 | | Each |
| <input type="checkbox"/> 202 | Corrosion | U/W 12/11/19 - 1/4 INCH TO 1 INCH DIAMETER RUST BLOOMS BELOW W/L | 2 | | | Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 10 SQUARE FEET OF FAILED COATING. | 4 | 10 | 10 | Square Feet |
| <input type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 1 | 1 | Square Feet |

General Comments**Bent 2****Pile 6****Steel Pile**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------|-----------|---------|---------|---------|---------|-------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 | Each |
| 515 | Steel Protective Coating | 180 | 167 | 0 | 0 | 13 | Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|---|---|---|----|--------|-----------|-------------|
| <input checked="" type="checkbox"/> 225 | Corrosion | 7 FEET OF PEELING PAINT WITH RUST AND SURFACE RUST AT RANDOM THROUGHOUT | 2 | 1 | | Each |
| <input type="checkbox"/> 225 | Corrosion | U/W 12/11/19 - 1/4 INCH TO 1 INCH DIAMETER RUST BLOOMS BELOW W/L | 2 | | | Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 12 SQUARE FEET OF FAILED COATING. | 4 | 12 | 12 | Square Feet |
| <input type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 1 | 1 | Square Feet |

General Comments**End Bent 2****Abutment****Reinforced Concrete Abutment**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|------------------------------|-----------|---------|---------|---------|---------|------|
| 215 | Reinforced Concrete Abutment | 29 | 12 | 17 | 0 | 0 | Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|---|-------------------------|---|----|--------|-----------|------|
| <input checked="" type="checkbox"/> 215 | Cracking (RC and Other) | (2) UP TO 6 FEET X 1/64 INCHES HORIZONTAL CRACKS AT NORTH END | 2 | 6 | | Feet |
| <input checked="" type="checkbox"/> 215 | Cracking (RC and Other) | 10 FEET X 12 FEET AREA OF HAIRLINE MAP CRACKING ON NORTHEAST ABUTMENT EXTENSION | 2 | 10 | | Feet |
| <input checked="" type="checkbox"/> 215 | Cracking (RC and Other) | 18 INCHES X 1/64 INCHES VERTICAL CRACK AT NORTH END | 2 | 1 | | Feet |

General Comments

End Bent 2**Cap 1****Reinforced Concrete Pier Cap**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|------------------------------|-----------|---------|---------|---------|---------|
| 234 | Reinforced Concrete Pier Cap | 29 | 8 | 17 | 4 | 0 Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|-------------------------|--|----|--------|-----------|
| <input checked="" type="checkbox"/> 234 | Delamination/Spall | (2) UP TO 8 INCHES X 6 INCHES X 1 INCH DEEP SPALL ON WEST FACE OF BEAM 2 BLOCKOUT AT TOP OF CAP. | 3 | 2 | 2 Feet |
| <input checked="" type="checkbox"/> 234 | Delamination/Spall | 10 INCHES X 8 INCHES X 1/4 INCHES DEEP SPALL BETWEEN BEAMS 1 AND 2 AT TOP OF CAP. | 3 | 1 | 1 Feet |
| <input checked="" type="checkbox"/> 234 | Delamination/Spall | 4 INCHES X 5 INCHES X 3 INCHES DEEP SPALL BETWEEN BEAMS 4 AND 5 AT TOP OF CAP. | 3 | 1 | 1 Feet |
| <input checked="" type="checkbox"/> 234 | Cracking (RC and Other) | (5) UP TO 14 INCHES X 1/64 INCHES VERTICAL CRACKS AT RANDOM THROUGHOUT. | 2 | 5 | Feet |
| <input checked="" type="checkbox"/> 234 | Cracking (RC and Other) | 3 FEET X 4 FEET AREA OF UP TO 1/64 INCHES MAP CRACKING AT NORTH END | 2 | 3 | Feet |
| <input checked="" type="checkbox"/> 234 | Exposed Rebar | 8 INCHES X 2 INCHES X 1/2 INCHES DEEP SPALL WITH EXPOSED REINFORCING AT TOP OF CAP BENEATH BEAM 3. | 2 | 1 | 1 Feet |
| <input checked="" type="checkbox"/> 234 | Patched Area | 20 INCHES X 18 INCHES PATCHED AREA BETWEEN BEAMS 1 AND 2 AT TOP OF CAP. | 2 | 2 | Feet |
| <input checked="" type="checkbox"/> 234 | Patched Area | 6 FEET X 16 INCHES PATCHED AREA AT TOP OF CAP BENEATH BEAM 5. | 2 | 6 | Feet |

General Comments**Bent 3****Crutch Bent Cap****Steel Pier Cap**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------|-----------|---------|---------|---------|----------------|
| 231 | Steel Pier Cap | 35 | 14 | 21 | 0 | 0 Feet |
| 515 | Steel Protective Coating | 237 | 117 | 30 | 0 | 90 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|---|--|----|--------|----------------|
| <input checked="" type="checkbox"/> 231 | Corrosion | UP TO 20 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT FLANGES AND WEB OF EACH CRUTCH BENT CAP. | 2 | 20 | Feet |
| <input checked="" type="checkbox"/> 231 | Damage | 8 INCHES OF DISTORTION UP TO 1.25 INCHES IN NORTH BOTTOM FLANGE OF ROW 1 CRUTCH BENT CAP. | 2 | 1 | Feet |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 90 SQUARE FEET OF FAILED COATING. | 4 | 90 | 90 Square Feet |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 30 SQUARE FEET OF FRECKLED RUST. | 2 | 30 | 30 Square Feet |

General Comments

Bent 3 **Row 1 Pile 1**
Steel Pile

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------|-----------|---------|---------|---------|---------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 Each |
| 515 | Steel Protective Coating | 119 | 103 | 10 | 0 | 6 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|---|---|----|--------|----------------|
| <input checked="" type="checkbox"/> 225 | Corrosion | 35 FEET OF SURFACE RUST ON WEST CROSS BRACING. | 2 | | Each |
| <input checked="" type="checkbox"/> 225 | Corrosion | 8 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT. | 2 | 1 | Each |
| <input type="checkbox"/> 225 | Corrosion | U/W 12/11/19 - RUST INCHES AREAS FAILED COATING | 2 | | Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 3 SQUARE FEET OF FAILED COATING. | 4 | 3 | 3 Square Feet |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 3 | 3 Square Feet |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 10 SQUARE FEET OF FRECKLED RUST. | 2 | 10 | 10 Square Feet |

General Comments

Bent 3 **Row 1 Pile 2**
Steel Pile

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------|-----------|---------|---------|---------|----------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 Each |
| 515 | Steel Protective Coating | 119 | 101 | 8 | 0 | 10 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|---|---|----|--------|---------------|
| <input checked="" type="checkbox"/> 225 | Corrosion | 2 FEET OF SURFACE RUST ON TOP PILE. | 2 | | Each |
| <input type="checkbox"/> 225 | Corrosion | 7 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT. | 2 | 1 | Each |
| <input checked="" type="checkbox"/> 225 | Corrosion | U/W 12/11/19 - RUST INCHES AREAS FAILED COATING | 2 | | Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 1 SQUARE FEET OF FAILED COATING. | 4 | 1 | 1 Square Feet |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 4 SQUARE FEET OF FAILED COATING ON TOP PILE. | 4 | 4 | 4 Square Feet |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 5 | 5 Square Feet |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 8 SQUARE FEET OF FRECKLED RUST. | 2 | 8 | 8 Square Feet |

General Comments

Bent 3 Row 1 Pile 5
Steel Pile

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------|-----------|---------|---------|---------|---------|-------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 | Each |
| 515 | Steel Protective Coating | 119 | 98 | 12 | 0 | 9 | Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|---|---|---|----|--------|-----------|-------------|
| <input checked="" type="checkbox"/> 225 | Corrosion | 8 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT. | 2 | 1 | | Each |
| <input type="checkbox"/> 225 | Corrosion | U/W 12/11/19 - RUST IN AREAS FAILED COATING | 2 | | | Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 6 SQUARE FEET OF FAILED COATING. | 4 | 6 | 6 | Square Feet |
| <input type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 3 | 3 | Square Feet |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 12 SQUARE FEET OF FRECKLED RUST. | 2 | 12 | 12 | Square Feet |

General Comments

Bent 3 Row 1 Pile 6
Steel Pile

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------|-----------|---------|---------|---------|---------|-------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 | Each |
| 515 | Steel Protective Coating | 119 | 88 | 10 | 0 | 21 | Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|---|---|---|----|--------|-----------|-------------|
| <input checked="" type="checkbox"/> 225 | Corrosion | 8 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT. | 2 | 1 | | Each |
| <input type="checkbox"/> 225 | Corrosion | U/W 12/11/19 - RUST IN AREAS FAILED COATING | 2 | | | Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 3 SQUARE FEET OF FAILED COATING. | 4 | 3 | 3 | Square Feet |
| <input type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 18 | 18 | Square Feet |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 10 SQUARE FEET OF FRECKLED RUST. | 2 | 10 | 10 | Square Feet |

General Comments

Bent 3 Row 1 Pile 7
Steel Pile

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------|-----------|---------|---------|---------|---------|-------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 | Each |
| 515 | Steel Protective Coating | 119 | 101 | 4 | 0 | 14 | Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|---|-------------|---|----|--------|-----------|------|
| <input checked="" type="checkbox"/> 225 | Corrosion | 1 FEET OF SCALING ON TOP SOLE PLATE OF TOP PILE. | 2 | 1 | | Each |
| <input checked="" type="checkbox"/> 225 | Corrosion | 2 FEET OF SURFACE RUST AT RANDOM THROUGHOUT TOP PILE. | 2 | | | Each |

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| | | | | | | | |
|-------------------------------------|------------|---|---|---|---|--|---------------|
| <input checked="" type="checkbox"/> | 225 | Corrosion | 7 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT. | 2 | | | Each |
| <input type="checkbox"/> | 225 | Corrosion | U/W 12/11/19 - RUST IN AREAS FAILED COATING | 2 | | | Each |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | 2 SQUARE FEET OF FAILED COATING. | 4 | 2 | | 2 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | 6 SQUARE FEET OF FAILED COATING ON TOP PILE. | 4 | 6 | | 6 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 4 | | 4 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Peeling/Bubbling/Cracking (steel Protective Coatings) | 2 SQUARE FEET OF PEELING PAINT EXPOSING BARE STEEL. | 4 | 2 | | 2 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | 4 SQUARE FEET OF FRECKLED RUST. | 2 | 4 | | 4 Square Feet |

General Comments

Bent 3 Row 1 Pile 8 Steel Pile

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------|-----------|---------|---------|---------|---------|-------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 | Each |
| 515 | Steel Protective Coating | 119 | 105 | 6 | 0 | 8 | Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|-------------------------------------|-------------|---|----|---|-----------|---------------|
| <input checked="" type="checkbox"/> | 225 | Corrosion | | 35 FEET OF SURFACE RUST ON EAST CROSS BRACING. | 2 | Each |
| <input checked="" type="checkbox"/> | 225 | Corrosion | | 8 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT. | 2 | Each |
| <input type="checkbox"/> | 225 | Corrosion | | U/W 12/11/19 - RUST IN AREAS FAILED COATING | 2 | 1 Each |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | | 2 SQUARE FEET OF FAILED COATING. | 4 | 2 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | | 2 SQUARE FEET OF PEELING PAINT EXPOSING BARE STEEL. | 4 | 2 Square Feet |
| <input type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 4 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | | 6 SQUARE FEET OF FRECKLED RUST. | 2 | 6 Square Feet |

General Comments

Bent 3 Row 2 Pile 1 Steel Pile

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------|-----------|---------|---------|---------|---------|-------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 | Each |
| 515 | Steel Protective Coating | 119 | 111 | 4 | 0 | 4 | Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|-------------------------------------|-------------|--------------------|----|---|-----------|--------|
| <input checked="" type="checkbox"/> | 225 | Corrosion | | 8 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT. | 2 | Each |
| <input type="checkbox"/> | 225 | Corrosion | | U/W 12/11/19 - RUST IN AREAS FAILED COATING | 2 | 1 Each |

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| | | | | | | |
|-------------------------------------|-----|---|---|---|---|---------------|
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | 1 SQUARE FEET OF FAILED COATING. | 4 | 1 | 1 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 2 | 2 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Peeling/Bubbling/Cracking (steel Protective Coatings) | 1 SQUARE FEET OF PEELING PAINT EXPOSING BARE STEEL. | 4 | 1 | 1 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | 4 SQUARE FEET OF FRECKLED RUST. | 2 | 4 | 4 Square Feet |

General Comments

Bent 3 Row 2 Pile 2 Steel Pile

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------|-----------|---------|---------|---------|---------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 Each |
| 515 | Steel Protective Coating | 119 | 108 | 7 | 0 | 4 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|-------------------------------------|-------------|---|---|--------|-----------|---------------|
| <input checked="" type="checkbox"/> | 225 | Corrosion | 7 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT. | 2 | 1 | Each |
| <input checked="" type="checkbox"/> | 225 | Corrosion | U/W 12/11/19 - RUST IN AREAS FAILED COATING | 2 | | Each |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | 1 SQUARE FEET OF FAILED COATING. | 4 | 1 | 1 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | 2 SQUARE FEET OF FAILED COATING ON TOP PILE. | 4 | 2 | 2 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 1 | 1 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | 1 SQUARE FEET OF FRECKLED RUST ON TOP PILE. | 2 | 1 | 1 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | 6 SQUARE FEET OF FRECKLED RUST. | 2 | 6 | 6 Square Feet |

General Comments

Bent 3 Row 2 Pile 3 Steel Pile

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------|-----------|---------|---------|---------|---------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 Each |
| 515 | Steel Protective Coating | 119 | 111 | 6 | 0 | 2 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|-------------------------------------|-------------|---|---|--------|-----------|---------------|
| <input checked="" type="checkbox"/> | 225 | Corrosion | 8 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT. | 2 | 1 | Each |
| <input type="checkbox"/> | 225 | Corrosion | U/W 12/11/19 - RUST IN AREAS FAILED COATING | 2 | | Each |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | 1 SQUARE FEET OF FAILED COATING. | 4 | 1 | 1 Square Feet |
| <input type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 1 | 1 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | 6 SQUARE FEET OF FRECKLED RUST. | 2 | 6 | 6 Square Feet |

General Comments

Bent 3 Row 2 Pile 4
Steel Pile

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------|-----------|---------|---------|---------|---------|-------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 | Each |
| 515 | Steel Protective Coating | 119 | 113 | 4 | 0 | 2 | Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|---|---|---|----|--------|-----------|-------------|
| <input checked="" type="checkbox"/> 225 | Corrosion | 8 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT. | 2 | | | Each |
| <input type="checkbox"/> 225 | Corrosion | U/W 12/11/19 - RUST IN AREAS FAILED COATING | 2 | 1 | | Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 1 SQUARE FEET OF FAILED COATING. | 4 | 1 | 1 | Square Feet |
| <input type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 1 | 1 | Square Feet |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 4 SQUARE FEET OF FRECKLED RUST. | 2 | 4 | 4 | Square Feet |

General Comments

Bent 3 Row 2 Pile 5
Steel Pile

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------|-----------|---------|---------|---------|---------|-------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 | Each |
| 515 | Steel Protective Coating | 119 | 107 | 8 | 0 | 4 | Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|---|---|---|----|--------|-----------|-------------|
| <input checked="" type="checkbox"/> 225 | Corrosion | 8 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT. | 2 | | | Each |
| <input type="checkbox"/> 225 | Corrosion | U/W 12/11/19 - RUST IN AREAS FAILED COATING | 2 | 1 | | Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 2 SQUARE FEET OF FAILED COATING. | 4 | 2 | 2 | Square Feet |
| <input type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 2 | 2 | Square Feet |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 8 SQUARE FEET OF FRECKLED RUST. | 2 | 8 | 8 | Square Feet |

General Comments

Bent 3 Row 2 Pile 6
Steel Pile

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty | |
|----------------|--------------------------|-----------|---------|---------|---------|---------|-------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 | Each |
| 515 | Steel Protective Coating | 119 | 112 | 2 | 0 | 5 | Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty | |
|---|-------------|---|----|--------|-----------|------|
| <input checked="" type="checkbox"/> 225 | Corrosion | 8 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT. | 2 | | | Each |

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| | | | | | | |
|-------------------------------------|------------|---|---|---|---|---------------|
| <input type="checkbox"/> | 225 | Corrosion | U/W 12/11/19 - RUST IN AREAS FAILED COATING | 2 | 1 | Each |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | 1 SQUARE FEET OF FAILED COATING. | 4 | 1 | 1 Square Feet |
| <input type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 4 | 4 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | 2 SQUARE FEET OF FRECKLED RUST. | 2 | 2 | 2 Square Feet |

General Comments**Bent 3****Row 2 Pile 7****Steel Pile**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------|-----------|---------|---------|---------|---------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 Each |
| 515 | Steel Protective Coating | 119 | 109 | 4 | 0 | 6 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|-------------------------------------|-------------|---|----|--------|---------------|
| <input checked="" type="checkbox"/> | 225 | Corrosion | | | |
| | | 7 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT. | 2 | | Each |
| <input type="checkbox"/> | 225 | Corrosion | | | |
| | | U/W 12/11/19 - RUST IN AREAS FAILED COATING | 2 | 1 | Each |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | | | |
| | | 1 SQUARE FEET OF FAILED COATING. | 4 | 1 | 1 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | | | |
| | | 3 SQUARE FEET OF FAILED COATING ON TOP PILE. | 4 | 3 | 3 Square Feet |
| <input type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | | | |
| | | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 2 | 2 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | | | |
| | | 1 SQUARE FEET OF FRECKLED RUST ON TOP PILE. | 2 | 1 | 1 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | | | |
| | | 3 SQUARE FEET OF FRECKLED RUST. | 2 | 3 | 3 Square Feet |

General Comments**Bent 3****Row 2 Pile 8****Steel Pile**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------|-----------|---------|---------|---------|---------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 Each |
| 515 | Steel Protective Coating | 119 | 107 | 7 | 0 | 5 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|-------------------------------------|-------------|---|----|--------|---------------|
| <input checked="" type="checkbox"/> | 225 | Corrosion | | | |
| | | 8 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT. | 2 | | Each |
| <input type="checkbox"/> | 225 | Corrosion | | | |
| | | U/W 12/11/19 - RUST IN AREAS FAILED COATING | 2 | 1 | Each |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | | | |
| | | 2 SQUARE FEET OF FAILED COATING. | 4 | 2 | 2 Square Feet |
| <input type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | | | |
| | | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 3 | 3 Square Feet |
| <input checked="" type="checkbox"/> | 515 | Effectiveness (Steel Protective Coatings) | | | |
| | | 7 SQUARE FEET OF FRECKLED RUST. | 2 | 7 | 7 Square Feet |

General Comments

Bent 3**Row 1 Pile 3****Steel Pile**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------|-----------|---------|---------|---------|---------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 Each |
| 515 | Steel Protective Coating | 119 | 100 | 12 | 0 | 7 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|---|---|----|--------|----------------|
| <input checked="" type="checkbox"/> 225 | Corrosion | 8 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT. | 2 | 1 | Each |
| <input type="checkbox"/> 225 | Corrosion | U/W 12/11/19 - RUST IN AREAS FAILED COATING | 2 | | Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 4 SQUARE FEET OF FAILED COATING. | 4 | 4 | 4 Square Feet |
| <input type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 3 | 3 Square Feet |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 12 SQUARE FEET OF FRECKLED RUST. | 2 | 12 | 12 Square Feet |

General Comments**Bent 3****Row 1 Pile 4****Steel Pile**

| Element Number | Element Name | Total Qty | CS1 Qty | CS2 Qty | CS3 Qty | CS4 Qty |
|----------------|--------------------------|-----------|---------|---------|---------|---------------|
| 225 | Steel Pile | 1 | 0 | 1 | 0 | 0 Each |
| 515 | Steel Protective Coating | 119 | 98 | 14 | 0 | 7 Square Feet |

| Element Number | Defect Type | Defect Description | CS | CS Qty | Maint Qty |
|---|---|---|----|--------|----------------|
| <input checked="" type="checkbox"/> 225 | Corrosion | 8 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT. | 2 | 1 | Each |
| <input type="checkbox"/> 225 | Corrosion | U/W 12/11/19 - RUST IN AREAS FAILED COATING | 2 | | Each |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 4 SQUARE FEET OF FAILED COATING. | 4 | 4 | 4 Square Feet |
| <input type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | U/W 12/11/19 COATING FAILED IN AREAS OF CORROSION | 4 | 3 | 3 Square Feet |
| <input checked="" type="checkbox"/> 515 | Effectiveness (Steel Protective Coatings) | 14 SQUARE FEET OF FRECKLED RUST. | 2 | 14 | 14 Square Feet |

General Comments

Elements Verified

| Location | Name | Component | Element Name | Amount |
|----------|-------------------|-------------------------------|--------------------------------------|--------|
| Span 1 | Deck | Reinforced Concrete Deck Slab | Reinforced Concrete Slabs | 1346 |
| Span 1 | Beam 1 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 43 |
| Span 1 | Beam 2 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 43 |
| Span 1 | Beam 3 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 43 |
| Span 1 | Beam 4 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 43 |
| Span 1 | Beam 5 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 43 |
| Span 1 | Left Bridge Rail | Concrete Railing | Reinforced Concrete Bridge Railing | 43 |
| Span 1 | Right Bridge Rail | Concrete Railing | Reinforced Concrete Bridge Railing | 43 |
| Span 1 | Wearing Surface | Asphalt Wearing Surface | Wearing Surface | 1196 |
| Span 1 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 1 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 1 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 1 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 1 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 1 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 1 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 1 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 1 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 1 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 2 | Deck | Reinforced Concrete Deck Slab | Reinforced Concrete Slabs | 1337 |
| Span 2 | Beam 1 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 43 |
| Span 2 | Beam 2 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 43 |
| Span 2 | Beam 3 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 43 |
| Span 2 | Beam 4 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 43 |
| Span 2 | Beam 5 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 43 |
| Span 2 | Left Bridge Rail | Concrete Railing | Reinforced Concrete Bridge Railing | 43 |
| Span 2 | Right Bridge Rail | Concrete Railing | Reinforced Concrete Bridge Railing | 43 |
| Span 2 | Wearing Surface | Asphalt Wearing Surface | Wearing Surface | 1188 |
| Span 2 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 2 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 2 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 2 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 2 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 2 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 2 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 2 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 2 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 2 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 3 | Deck | Reinforced Concrete Deck Slab | Reinforced Concrete Slabs | 1347 |
| Span 3 | Beam 1 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 43 |
| Span 3 | Beam 2 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 43 |
| Span 3 | Beam 3 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 43 |
| Span 3 | Beam 4 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 43 |
| Span 3 | Beam 5 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 43 |
| Span 3 | Left Bridge Rail | Concrete Railing | Reinforced Concrete Bridge Railing | 43 |

Elements Verified

| Location | Name | Component | Element Name | Amount |
|------------|-------------------|-------------------------------|--------------------------------------|--------|
| Span 3 | Right Bridge Rail | Concrete Railing | Reinforced Concrete Bridge Railing | 43 |
| Span 3 | Wearing Surface | Asphalt Wearing Surface | Wearing Surface | 1196 |
| Span 3 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 3 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 3 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 3 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 3 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 3 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 3 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 3 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 3 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 3 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 4 | Deck | Reinforced Concrete Deck Slab | Reinforced Concrete Slabs | 1316 |
| Span 4 | Beam 1 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 42 |
| Span 4 | Beam 2 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 42 |
| Span 4 | Beam 3 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 42 |
| Span 4 | Beam 4 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 42 |
| Span 4 | Beam 5 | Reinforced Concrete Girder | Reinforced Concrete Open Girder/Beam | 42 |
| Span 4 | Left Bridge Rail | Concrete Railing | Reinforced Concrete Bridge Railing | 42 |
| Span 4 | Right Bridge Rail | Concrete Railing | Reinforced Concrete Bridge Railing | 42 |
| Span 4 | Wearing Surface | Asphalt Wearing Surface | Wearing Surface | 1169 |
| Span 4 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 4 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 4 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 4 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 4 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 4 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 4 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Span 4 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 4 | Near Bearing | Other Bearing | Other Bearings | 1 |
| Span 4 | Far Bearing | Other Bearing | Other Bearings | 1 |
| Bent 1 | Cap 1 | Reinforced Concrete Pier Cap | Reinforced Concrete Pier Cap | 29 |
| Bent 1 | Pile 1 | Steel Column | Steel Column | 1 |
| Bent 1 | Pile 2 | Steel Pile | Steel Pile | 1 |
| Bent 1 | Pile 3 | Reinforced Concrete Column | Reinforced Concrete Column | 1 |
| Bent 1 | Pile 4 | Reinforced Concrete Column | Reinforced Concrete Column | 1 |
| Bent 1 | Pile 5 | Steel Column | Steel Column | 1 |
| Bent 1 | Pile 6 | Steel Column | Steel Column | 1 |
| End Bent 1 | Cap 1 | Reinforced Concrete Pier Cap | Reinforced Concrete Pier Cap | 29 |
| End Bent 1 | Pile 1 | Steel Column | Steel Column | 1 |
| End Bent 1 | Pile 2 | Steel Pile | Steel Pile | 1 |
| End Bent 1 | Pile 3 | Reinforced Concrete Column | Reinforced Concrete Column | 1 |
| End Bent 1 | Pile 4 | Reinforced Concrete Column | Reinforced Concrete Column | 1 |
| End Bent 1 | Pile 5 | Reinforced Concrete Column | Reinforced Concrete Column | 1 |
| End Bent 1 | Pile 6 | Reinforced Concrete Column | Reinforced Concrete Column | 1 |

Elements Verified

| Location | Name | Component | Element Name | Amount |
|------------|-----------------|------------------------------|------------------------------|--------|
| End Bent 1 | Abutment | Reinforced Concrete Abutment | Reinforced Concrete Abutment | 29 |
| Bent 2 | Cap 1 | Reinforced Concrete Pier Cap | Reinforced Concrete Pier Cap | 29 |
| Bent 2 | Pile 1 | Steel Column | Steel Column | 1 |
| Bent 2 | Pile 2 | Steel Pile | Steel Pile | 1 |
| Bent 2 | Pile 3 | Reinforced Concrete Column | Reinforced Concrete Column | 1 |
| Bent 2 | Pile 4 | Reinforced Concrete Column | Reinforced Concrete Column | 1 |
| Bent 2 | Pile 5 | Steel Column | Steel Column | 1 |
| Bent 2 | Pile 6 | Steel Pile | Steel Pile | 1 |
| End Bent 2 | Cap 1 | Reinforced Concrete Pier Cap | Reinforced Concrete Pier Cap | 29 |
| End Bent 2 | Abutment | Reinforced Concrete Abutment | Reinforced Concrete Abutment | 29 |
| Bent 3 | Crutch Bent Cap | Steel Pier Cap | Steel Pier Cap | 35 |
| Bent 3 | Row 2 Pile 1 | Steel Pile | Steel Pile | 1 |
| Bent 3 | Row 1 Pile 1 | Steel Pile | Steel Pile | 1 |
| Bent 3 | Row 1 Pile 2 | Steel Pile | Steel Pile | 1 |
| Bent 3 | Row 2 Pile 2 | Steel Pile | Steel Pile | 1 |
| Bent 3 | Row 2 Pile 3 | Steel Pile | Steel Pile | 1 |
| Bent 3 | Row 1 Pile 3 | Steel Pile | Steel Pile | 1 |
| Bent 3 | Row 1 Pile 4 | Steel Pile | Steel Pile | 1 |
| Bent 3 | Row 2 Pile 4 | Steel Pile | Steel Pile | 1 |
| Bent 3 | Row 2 Pile 5 | Steel Pile | Steel Pile | 1 |
| Bent 3 | Row 1 Pile 5 | Steel Pile | Steel Pile | 1 |
| Bent 3 | Row 2 Pile 6 | Steel Pile | Steel Pile | 1 |
| Bent 3 | Row 1 Pile 6 | Steel Pile | Steel Pile | 1 |
| Bent 3 | Row 1 Pile 7 | Steel Pile | Steel Pile | 1 |
| Bent 3 | Row 2 Pile 7 | Steel Pile | Steel Pile | 1 |
| Bent 3 | Row 1 Pile 8 | Steel Pile | Steel Pile | 1 |
| Bent 3 | Row 2 Pile 8 | Steel Pile | Steel Pile | 1 |

General Inspection Notes

Span 2 Expansion Joint
PAVED OVER

Span 3 Expansion Joint
PAVED OVER

Span 4 Expansion Joint
PAVED OVER

National Bridge and NC Inspection Items

Structure Number: 700028

Inspection Date: 11/02/2022

National Bridge Inventory Items

| Item | Grade Scale | Grade |
|---|-------------|-------|
| Item 58: Deck | 0 - 9 , N | 6 |
| Item 59: Superstructure | 0 - 9 , N | 6 |
| Item 60: Substructure | 0 - 9 , N | 6 |
| Item 61: Channel and Channel Protection | 0 - 9 , N | 7 |
| Item 62: Culvert | 0 - 9 , N | N |
| Item 71: Waterway Adequacy | 0 - 9 , N | 7 |
| Item 72: Approach Roadway Alignment | 0 - 9 , N | 8 |

Note:

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

For overall NBI coding grade, see cover sheet.

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

NC SMU Inspection Items

| Item | Grade Scale | Grade | Maint. Qty. | Maint. Code |
|---------------------------|---------------|-------|-------------|-------------|
| Deck Debris | G, F, P, or C | F | 5346 | 3376 |
| Drainage System | G, F, P, or C | P | 46 | 3332 |
| Utilities | G, F, P, or C | | | |
| Slope Protection | G, F, P, or C | | 0 | 3352 |
| Scour | G, F, P, or C | G | | |
| Wingwall | G, F, P, or C | F | 32 | 3350 |
| Field Scour Evaluation | | O | | |
| Drift | G, F, P, or C | F | 2 | 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 | | | | |

Note: If NC SMU Inspection 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 | 8 |
| Traffic Control Time | Hours | 6 |
| Snooper Time | Hours | 6 |
| Ladder Used | YES/NO | N |
| Bucket Truck Used | YES/NO | N |
| Boat Used | YES/NO | Y |
| Other Equipment Used | YES/NO | N |
| Portion of Structure in > 3' of water | YES/NO | Y |

National Bridge and NC SMU Inspection Item Details

Structure Number: 700028

Inspection Date: 11/02/2022

| | | | | | | | |
|-------------|-------------|--------------|---|-------------------|------|-------------|------|
| Item | Deck Debris | Grade | F | Maint Code | 3376 | Qty. | 5346 |
|-------------|-------------|--------------|---|-------------------|------|-------------|------|

Details FULL LENGTH X 1' DIRT AND DEBRIS IN NORTH GUTTER (SOUTH GUTTER SIMILAR)

| | | | | | | | |
|-------------|-----------------|--------------|---|-------------------|------|-------------|----|
| Item | Drainage System | Grade | P | Maint Code | 3332 | Qty. | 46 |
|-------------|-----------------|--------------|---|-------------------|------|-------------|----|

Details 80% OF DECK DRAINS ARE PARTIALLY OR COMPLETELY CLOGGED WITH DEBRIS

| | | | | | | | |
|-------------|-------|--------------|---|-------------------|------|-------------|---|
| Item | Drift | Grade | F | Maint Code | 3366 | Qty. | 2 |
|-------------|-------|--------------|---|-------------------|------|-------------|---|

Details 3 FEET X 4 FEET X 18 INCHES HIGH DRIFT AND DEBRIS ON SPAN 4 FACE OF CRUBTCH BENT ON TOP OF PILE 4 (SPAN 3 FACE SIMILAR)

| | | | | | | | |
|-------------|-----------|--------------|---|-------------------|------|-------------|----|
| Item | Wingwalls | Grade | F | Maint Code | 3350 | Qty. | 32 |
|-------------|-----------|--------------|---|-------------------|------|-------------|----|

Details 4 FEET X 4 FEET AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE ON NORTHWEST WINGWALL (SOUTHWEST WINGWALL SIMILAR)

| | | | | | | | |
|-------------|--|--------------|---|-------------------|--|-------------|---|
| Item | Portion of structure in > 3' of water (Y or N) | Grade | Y | Maint Code | | Qty. | 0 |
|-------------|--|--------------|---|-------------------|--|-------------|---|

Details BENT 3 IS IN 6.2' OF WATER



Bent 1 Cap 1: 8" X 7" X 5" DEEP SPALL IN THE SOUTHEAST CORNER AT BOTTOM OF CAP (PATCHED)



Bent 1 Cap 1: 10" X 10" X 1 1/2" DEEP SPALL AND AREA OF DELAMINATION AT SOUTHEAST CORNER



Bent 1 Cap 1: 9 INCHES X 1/32 INCHES VETICAL CRACK ON SOUTH FACE AT TOP OF CAP



Bent 1 Cap 1: 6 INCHES X 1/64 INCHES DIAGONAL CRACK ON EAST FACE BENEATH BEAM 1.



Bent 1 Cap 1: 14 INCHES X 26 INCHES X 2.5 INCHES DEEP SPALL ON BOTTOM FACE BETWEEN PILES 1 AND 2 (PAR)



Bent 1 Pile 1: 7 FEET OF PEELING PAINT WITH RUST AND SURFACE RUST AT RANDOM THROUGHOUT



Bent 1 Pile 4: 18 INCHES X 46 INCHES SOUND PATCHED AREA ON EAST FACE AT TOP OF CAP.



Bent 1 Cap 1: 4 INCH X 3 INCH X 1 INCH DEEP SPALL ON BOTTOM OF CAP AT SOUTH END



Span 2 Deck: 35 SQUARE FEET UP TO 2 FEET X 1 FEET PATCHED AREAS AT RANDOM THROUGHOUT DECK UNDERSIDE BETWEEN BEAMS 2 AND 4



SPAN 2 Deck: 5 SQUARE FEET OF HONEYCOMBING AT RANDOM THROUGHOUT DRAINAGE OUTLETS ON THE NORTH OVERHANG



SPAN 2 Beam 2: 26 INCHES X 1/64 INCHES VERTICAL CRACK ON EAST FACE OF BENT 1 END DIAPHRAGM BETWEEN BEAMS 2 AND 3 BEGINNING AT TOP OF CAP.



SPAN 2 Beam 4: 6 INCHES DIAMETER X 1/2 INCH DEEP SPALL WITH EXPOSED REINFORCING ON NORTH FACE AT BENT 1.



SPAN 2 Beam 4: (2) UP TO 3 INCHES X 2 1/2 INCHES X 1/2 INCH DEEP SPALL ON BOTTOM OF BEAM AT BENT 1



Span 2 Beam 1: 2 INCH X 4 INCH X 1 INCH DEEP SPALL ON LEFT SIDE OF BEAM AT BENT 1



Span 2 Beam 2: (13) UP TO 1/64 INCHES WRAPAROUND CRACKS AT RANDOM THROUGHOUT.



SPAN 2 Beam 2: (4) UP TO 4 INCH X 6 INCH X 1/2 INCH DEEP SPALLS WITH EXPOSED REINFORCING ON EAST FACE, 3 FEET FROM BENT 2.



SPAN 2 Beam 2: 8 INCHES X 6 INCHES X 1 INCHES DEEP SPALL WITH ASSOCIATED 38 INCHES X 16 INCHES DELAMINATION ON SOUTH FACE AT BENT 2.



SPAN 2 Beam 4: 9 INCHES X 4 INCHES X 1/2 DEEP INCHES SPALL WITH ASSOCIATED 18 INCHES X 9 INCHES DELAMINATION ON SOUTH FACE AT BENT 2.



Bent 2 Cap 1: 19 INCH X 12 INCH X 4 INCH DEEP SPALL WITH EXPOSED REINFORCING AND AREA OF DELAMINATION ON SOUTHWEST BOTTOM CORNER (PAR)



Bent 2 Cap 1: 21 INCHES X 4 INCHES X 3 INCHES DEEP SPALL WITH ASSOCIATED 32 INCHES X 1/32 INCHES VERTICAL CRACK ON WEST FACE BENEATH BEAM 3 AND ASSOCIATED 22 INCHES X 9 INCHES DELAMINATION ON BOTTOM FACE (PATCHED WITH HAIRLINE VERTICAL CRACKS)



SPAN 3 Beam 1: 70 INCHES X 3 INCHES X UP TO 4 INCHES SPALL WITH EXPOSED REINFORCING ON THE SOUTH BOTTOM CORNER, 8 FEET FROM BENT 2.(PATCHED)



SPAN 3 Beam 1: 5 INCHES X 2 INCHES X 1/4 INCHES DEEP SPALL WITH EXPOSED REINFORCING ON WEST FACE OF BENT 2 END DIAPHRAGM BETWEEN BEAMS 1 AND 2.



SPAN 3 Beam 2: 9 INCHES X 20 INCHES X 2 INCHES DEEP SPALL ON NORTH FACE AT BENT 2



Bent 3 Row 1 Pile 1: 35 FEET OF SURFACE RUST ON WEST CROSS BRACING.



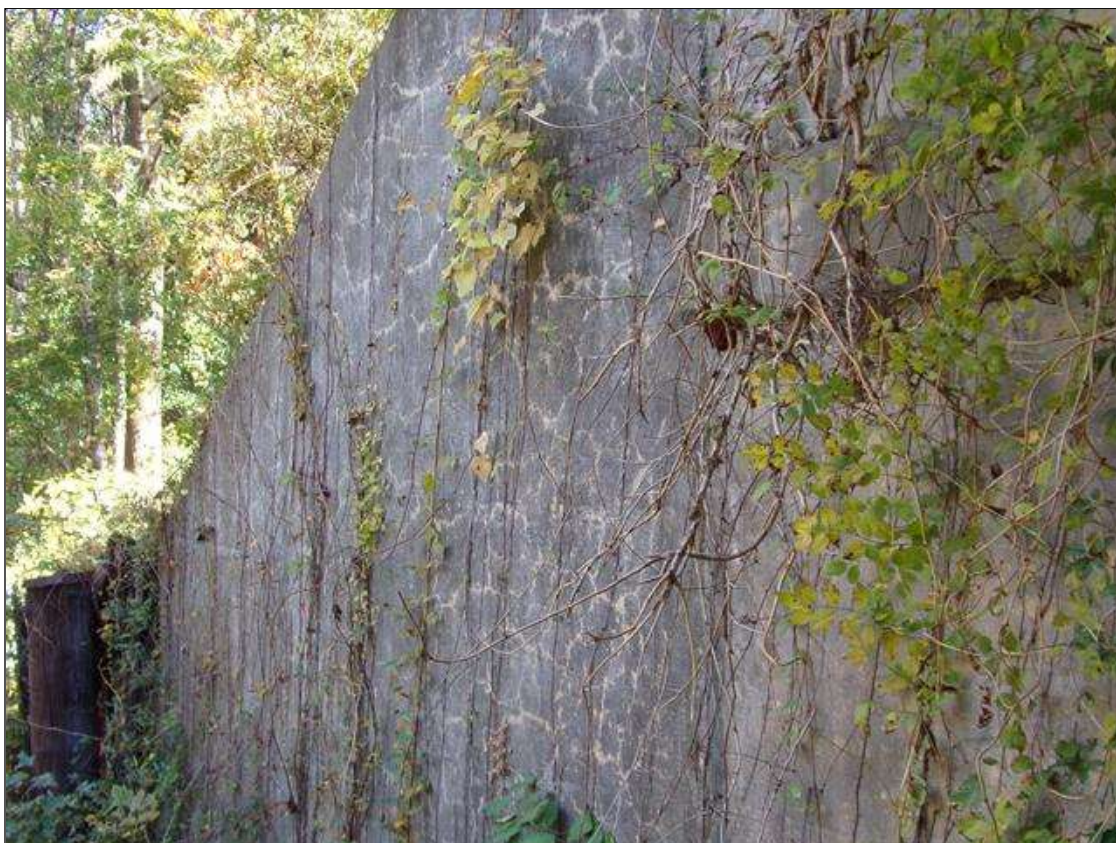
3 FEET X 4 FEET X 18 INCHES HIGH DRIFT AND DEBRIS ON SPAN 4 FACE OF CRUTCH BENT ON TOP OF PILE 4 (SPAN 3 FACE SIMILAR)



SPAN 4 Deck: 36 INCH X 24 INCH AREA OF PATCH WITH 2 INCH X 1 INCH X 1/2 INCH DEEP SPALL WITH EXPOSED REBAR ON BOTTOM OF DECK IN BAY 2 AT BENT 3



Span 4 Deck: 4 INCHES X 8 INCHES X 3/4 DEEP INCHES SPALL WITH EXPOSED REINFORCING AND AREA OF DELAMINATION ON SOUTH FACE AT WEST FACE OF 3RD RAIL POST BLOCKOUT FROM END BENT 2.



End Bent 2 Abutment: 10 FEET X 12 FEET AREA OF HAIRLINE MAP CRACKING ON NORTHEAST ABUTMENT EXTENSION



End Bent 2 Abutment: (2) UP TO 6 FEET X 1/64 INCHES HORIZONTAL CRACKS AT NORTH END



End Bent 2 Cap 1: (2) UP TO 8 INCHES X 6 INCHES X 1 INCHES DEEP SPALL ON WEST FACE OF BEAM 2
BLOCKOUT AT TOP OF CAP.



Span 4 Wearing Surface: 6 SQUARE FEET HAIRLINE TRANSVERSE CRACK AT END BENT 2



SPAN 4 Left Bridge Rail: (4) UP TO 1/16 INCHES CRACKS ON TOP AND NORTH FACE, 18 FEET FROM END BENT



SPAN 4 Left Bridge Rail: 20 INCHES OF UP TO 1/2 INCHES GOUGES AND 1/16 INCHES WRAPAROUND CRACKS ON ALL FACES OF RAIL 15 FEET FROM BENT 3.



SPAN 4 Left Bridge Rail: 3 INCHES X 2 INCHES X 2 INCHES DEEP SPALL ON TOP AND SOUTH FACES, 19 FEET FROM END BENT 2.



End Bent 1 Abutment: 29 FEET X 38 INCHES DEEP UNDERNEATH UNDER END BENT 1 CAP (PAR)



4 FEET X 4 FEET AREA OF HAIRLINE MAP CRACKING WITH EFFLORESCENCE ON NORTHWEST WINGWALL



Bent 1 Cap 1: (2) UP TO 8 INCHES X 12 INCHES X 1/2 INCH DEEP SPALLS WITH EXPOSED REINFORCING ON WEST FACE BETWEEN BEAMS 2 AND 3.



Bent 1 Cap 1: 45 INCHES X 7 INCHES X 6 INCHES DEEP SPALL WITH EXPOSED REINFORCING ON WEST FACE BENEATH BEAM 1 AT BOTTOM OF CAP (PAR)



Bent 3 Row 1 Pile 1: 8 FEET OF FRECKLED RUST WITH ISOLATED LOCATIONS OF SURFACE RUST AT RANDOM THROUGHOUT.

Stream Bed Soundings

(Profile diagram on following sheet)

County **PENDER**

Structure Number: **700028**

Sounding Date **11/03/2022**

Sounding recorded from: **Top of Bridge Rail**

Highwater Mark Distance **6.3**

Location of Highwater Mark **DRIFT ON TOP OF CRUTCH BENT CAP**

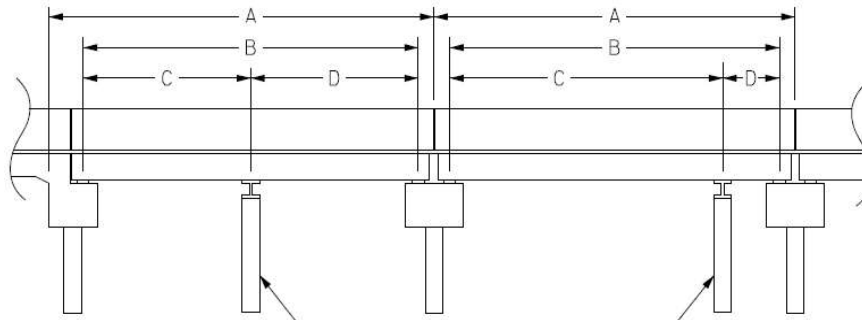
| Distance (Station) ft. | Downstream Sounding ft. | Upstream Sounding ft. | Description |
|------------------------|-------------------------|-----------------------|----------------------------------|
| 0.000 | 2.000 | 0.000 | TOP OF BACKWALL |
| 1.000 | 2.000 | 0.000 | TOP OF BACKWALL |
| 1.100 | 6.300 | 0.000 | TOP OF CAP |
| 1.500 | 6.300 | 0.000 | TOP OF CAP |
| 1.600 | 7.600 | 8.000 | FACE OF CAP |
| 8.000 | 8.800 | 0.000 | |
| 19.000 | 12.400 | 0.000 | |
| 30.000 | 16.700 | 0.000 | |
| 39.000 | 17.800 | 0.000 | |
| 42.700 | 17.600 | 19.600 | BENT 1 |
| 53.000 | 16.900 | 0.000 | |
| 68.000 | 17.600 | 0.000 | |
| 80.000 | 19.300 | 0.000 | |
| 82.000 | 19.900 | 0.000 | WATER SURFACE/WATER EDGE (WS/WE) |
| 85.100 | 20.800 | 21.100 | BENT 2 |
| 96.000 | 23.900 | 0.000 | |
| 110.000 | 26.000 | 0.000 | |
| 115.000 | 26.000 | 0.000 | |
| 127.800 | 26.100 | 29.200 | BENT 3 |
| 138.000 | 23.200 | 0.000 | |
| 149.000 | 22.100 | 157.000 | 20.3 |
| 157.000 | 20.300 | 0.000 | |
| 161.000 | 19.500 | 0.000 | WATER SURFACE/WATER EDGE (WS/WE) |
| 166.000 | 15.200 | 0.000 | |
| 168.500 | 16.800 | 16.100 | FACE OF ABUTMENT |
| 168.600 | 2.000 | 0.000 | TOP OF BACKWALL |
| 169.600 | 2.000 | 0.000 | TOP OF BACKWALL |

Structure Data Worksheet

Span Profile

County: **PENDER**

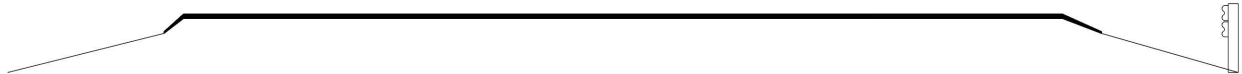
Structure Number: **700028**



A: SPAN LENGTH
 B: BEARING TO BEARING
 C: DISTANCE FROM NEAR BEARING
 D: DISTANCE TO FAR BEARING

| Span Number | Span Length | Bearing to Bearing | Crutch/ Helper Bent | Distance to Near Bearing | Distance to Far Bearing |
|-------------|-------------|--------------------|---------------------|--------------------------|-------------------------|
| 1 | 42.700 | 40.410 | | | |
| 2 | 42.420 | 40.910 | | | |
| 3 | 42.700 | 40.320 | | | |
| 4 | 41.750 | 39.320 | | | |

Bridge Inspection Field Sketch



| | | | |
|-----------------|-----------------|---------------|---------------|
| Roadway | 22.5ft Wide | 2 Paved Lanes | Looking East |
| Left Shoulder | 4.5ft Wide | .5ft Paved | 4ft Unpaved |
| Right Shoulder | 4.5ft Wide | 1ft Paved | 3.5ft Unpaved |
| Left Guardrail | | | |
| Right Guardrail | 4.5ft from road | | |

MEASUREMENTS TAKEN 25' WEST OF END BENT 1

Title
Approach Roadway

Description
Looking East

Structure No: 700028

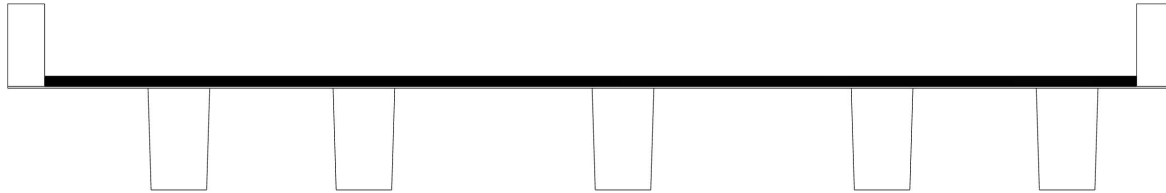
Drawn By: JMS

Date: 11/4/2022

Filename: S001482000165.wes

Bridge Inspection Field Sketch

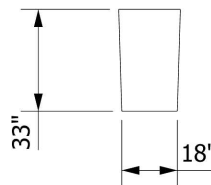
| | | | |
|-------------------------------------|---------|-----------------|----------|
| Deck Width/Out to Out | 33.25ft | Between Rails | 31.25ft |
| Clear Roadway | 28ft | Wearing Surface | 3.25in * |
| Median Width | | Median Height | |
| Curb Height | | Left | 8in |
| | | Right | 8in |
| Sidewalk Width | | Left | |
| | | Right | |
| Clear Roadway (Rail to Median) | | Left | |
| | | Right | |
| Guardrail Width | | Left | 31.5in |
| | | Right | 31.5in |
| Top of Rail to Deck/Wearing Surface | | Left | 2.229ft |
| | | Right | 2.229ft |
| Bridge Rail Type | | Left | TYPE 14 |
| | | Right | TYPE 14 |



| | | | |
|-------------------------------------|---------|----------------|---------|
| Measurements for Span # | 1 | | |
| Deck Thickness | 7in | Left Overhang | 4.625ft |
| Top of Rail to Bottom of Beam (Avg) | 5.028ft | Right Overhang | 4.625ft |

| Beam # | Beam Type | Width | Height | Spacing | From |
|--------|----------------------------|-------|--------|---------|-------------------|
| 1 | Reinforced Concrete Girder | 18in | 33in | 4.625ft | Left Edge of Deck |
| 2 | Reinforced Concrete Girder | 18in | 33in | 5ft | Beam 1 |
| 3 | Reinforced Concrete Girder | 18in | 33in | 7ft | Beam 2 |
| 4 | Reinforced Concrete Girder | 18in | 33in | 7ft | Beam 3 |
| 5 | Reinforced Concrete Girder | 18in | 33in | 5ft | Beam 4 |

* NEW WEARING SURFACE OVERLAY



Title
TYPICAL SECTION

Description
LOOKING EAST

Structure No: 700028

Drawn By: JMS

Date: 11/4/2022

Filename: S001482000166.wes

Bridge Inspection Field Sketch



Caps

| # | Name | Type | Length | Width | Height | Left Beam to End of Cap | Right Beam to End of Cap |
|---|-------|------------------------------|----------|-------|--------|-------------------------|--------------------------|
| 1 | Cap 1 | Reinforced Concrete Pier Cap | 28.486ft | 36in | 30in | 2.5ft | 2.5ft |

Piles

| # | Name | Type | Spacing | From | Height/Diam | Width | Length |
|---|--------|----------------------------|---------|------------------|-------------|-------|--------|
| 1 | Pile 1 | Steel Pile | 1.16ft | Left End of Bent | 12in | | 10ft |
| 2 | Pile 2 | Steel Pile | 2.5ft | Pile 1 | 12in | | 10ft |
| 3 | Pile 3 | Reinforced Concrete Column | 2.708ft | Pile 2 | 39in | 39in | 10ft |
| 4 | Pile 4 | Reinforced Concrete Column | 15.75ft | Pile 3 | 39in | 39in | 10ft |
| 5 | Pile 5 | Steel Pile | 2.708ft | Pile 4 | 12in | | 10ft |
| 6 | Pile 6 | Steel Pile | 2.5ft | Pile 5 | 12in | | 10ft |

Footings

| # | Name | Type | Length | Width | Height |
|---|-----------|-----------------------------|--------|-------|--------|
| 0 | Footing 0 | Reinforced Concrete Footing | 20ft | 6ft | 2ft |

Title
SUBSTRUCTURE 1

Description
BENTS 1 AND 2

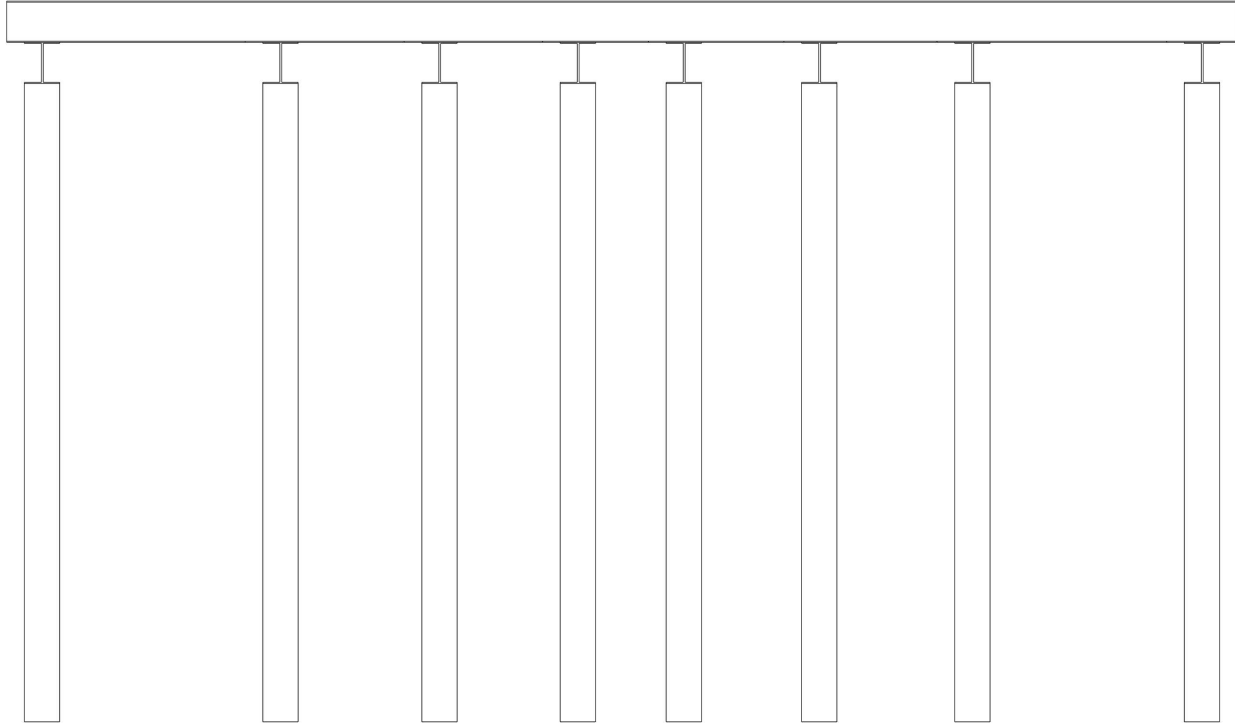
Structure No: 700028

Drawn By: JMS

Date: 11/4/2022

Filename: S001482000167.wes

Bridge Inspection Field Sketch



5.375 ft between steel caps

9.25 ft between rows of steel piles

| Caps | | | | | | | |
|------|-------------------|----------------|----------|-------|--------|-------------------------|--------------------------|
| # | Name | Type | Length | Width | Height | Left Beam to End of Cap | Right Beam to End of Cap |
| 1 | Crutch Bent Cap 1 | Steel Pier Cap | 34.833ft | 135in | 28in | 3.5ft | 3.5ft |

| Piles | | | | | | | |
|-------|--------------|------------|---------|------------------|--------------|-------|--------|
| # | Name | Type | Spacing | From | Height/Diam. | Width | Length |
| 1 | Row 2 Pile 1 | Steel Pile | 1ft | Left End of Bent | 12in | 12in | 19ft |
| 1 | Row 1 Pile 1 | Steel Pile | 1ft | Left End of Bent | 12in | 12in | 19ft |
| 2 | Row 2 Pile 2 | Steel Pile | 6.75ft | Row 2 Pile 1 | 12in | 12in | 18ft |
| 2 | Row 1 Pile 2 | Steel Pile | 6.75ft | Row 1 Pile 1 | 12in | 12in | 18ft |
| 3 | Row 2 Pile 3 | Steel Pile | 4.5ft | Row 2 Pile 2 | 12in | 12in | 19ft |
| 3 | Row 1 Pile 3 | Steel Pile | 4.5ft | Row 1 Pile 2 | 12in | 12in | 19ft |
| 4 | Row 2 Pile 4 | Steel Pile | 3.917ft | Row 2 Pile 3 | 12in | 12in | 19ft |
| 4 | Row 1 Pile 4 | Steel Pile | 3.917ft | Row 1 Pile 3 | 12in | 12in | 19ft |
| 5 | Row 2 Pile 5 | Steel Pile | 3ft | Row 2 Pile 4 | 12in | 12in | 19ft |
| 5 | Row 1 Pile 5 | Steel Pile | 3ft | Row 1 Pile 4 | 12in | 12in | 19ft |
| 6 | Row 2 Pile 6 | Steel Pile | 3.833ft | Row 2 Pile 5 | 12in | 12in | 19ft |
| 6 | Row 1 Pile 6 | Steel Pile | 3.833ft | Row 1 Pile 5 | 12in | 12in | 19ft |
| 7 | Row 2 Pile 7 | Steel Pile | 4.333ft | Row 2 Pile 6 | 12in | 12in | 18ft |
| 7 | Row 1 Pile 7 | Steel Pile | 4.333ft | Row 1 Pile 6 | 12in | 12in | 18ft |
| 8 | Row 1 Pile 8 | Steel Pile | 6.5ft | Row 1 Pile 7 | 12in | 12in | 19ft |
| 8 | Row 2 Pile 8 | Steel Pile | 6.5ft | Row 2 Pile 7 | 12in | 12in | 19ft |

Title
SUBSTRUCTURE 2

Description
BENT 3

Structure No: 700028

Drawn By: JMS

Date: 11/4/2022

Filename: S001482000168.wes



BEAM PROFILE AT BENT 1



BENT DIAPHRAGM



BENT 2 (BENT 1 SIMILAR)



BENT 3



UNDERSIDE OF SUPERSTRUCTURE (SPAN 3 SHOWN)



DOWNSTREAM PROFILE, LOOKING NORTH



CRUTCH BENT BEARING (BEAM 2 SHOWN)



SOUTHEAST ABUTMENT EXTENSION (NORTHEAST CORNER SIMILAR)



END BENT 2



LOOKING EAST



SOUTHWEST GUARDRAIL POST SPACING (SOUTHEAST CORNER SIMILAR)



SOUTHWEST GUARDRAIL TRANSITION (SOUTHEAST CORNER SIMILAR)



SOUTHWEST GUARDRAIL ATTACHMENT (SOUTHEAST CORNER SIMILAR)



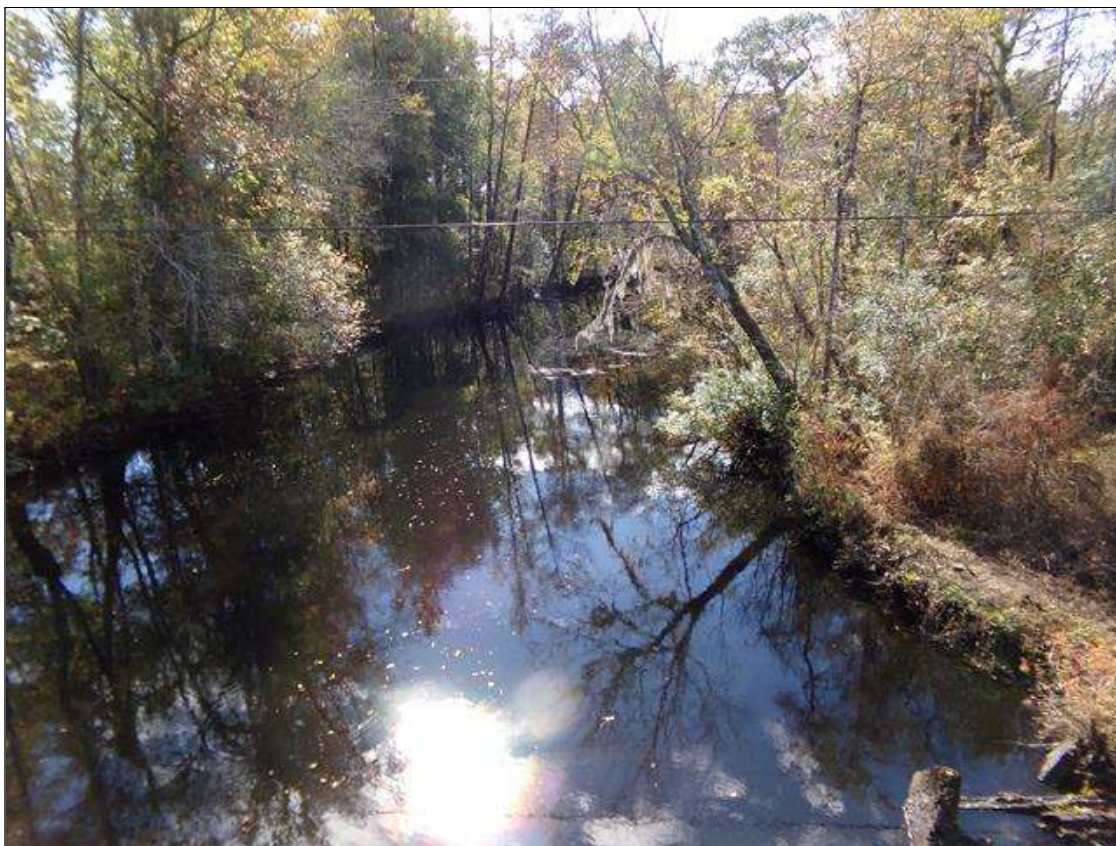
SOUTHWEST DELINEATOR (ALL OTHERS SIMILAR)



SOUTH BRIDGE RAIL (NORTH BRIDGE RAIL SIMILAR)



BRIDGE PLAQUE AT SOUTHWEST CORNER (NORTHEAST CORNER SIMILAR)



DOWNSTREAM VIEW, LOOKING SOUTH



WEST APPROACH



EAST APPROACH



UPSTREAM VIEW, LOOKING NORTH



OVERHEAD UTILITIES ON NORTH SIDE OF BRIDGE (SOUTH SIDE SIMILAR)



LOOKING WEST



NORTHWEST WINGWALL (SOUTHWEST WINGWALL SIMILAR)



END BENT 1



UPSTREAM PROFILE, LOOKING SOUTH