



NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 STRUCTURE MANAGEMENT UNIT

ATTENTION: **LADDER USED FOR INSPECTION / "PAR"s ISSUED**

Structure Safety Report

Routine Element Inspection - Contract

STRUCTURE NUMBER: 810022 SAP STRUCTURE NO: 0820022 FHWA STRUCTURE NO: 000000001630022

DIVISION: 3 COUNTY: SAMPSON INSPECTION DATE: 06/27/2022 FREQUENCY: 24 MONTHS

FACILITY CARRIED: US701 MILE POST: _____

LOCATION: 0.7 MI N SR1259

FEATURE INTERSECTED: BILLS SWAMP

LATITUDE: 34° 48' 51.31" LONGITUDE: 78° 21' 56.84"

SUPERSTRUCTURE: RC FLOOR ON CONT. I-BEAMS

SUBSTRUCTURE: EBTS & INT.BTS:CONCRETE CAP ON TIMBER PILES

SPANS: 6 SPANS. SEE SPAN PROFILE SHEET FOR SPAN DETAILS

FRACTURE CRITICAL TEMPORARY SHORING SCOUR CRITICAL SCOUR PLAN OF ACTION

GRADES: (Inspector/NBI Coding) DECK 7/7 SUPERSTRUCTURE 6/6 SUBSTRUCTURE 6/6 CULVERT N/N

POSTED SV: Not Posted POSTED TTST: Not Posted

OTHER SIGNS PRESENT: 4 DELINEATORS



LOOKING NORTH

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 S-N

DIRECTION MATCHES PLANS _____

INSPECTED BY TIM EARP	SIGNATURE <i>Tim Earp</i>	ASSISTED BY WARREN HACKLER
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IDENTIFICATION

(1) STATE NAME NORTH CAROLINA BRIDGE 810022
 (8) STRUCTURE NUMBER (FEDERAL) 1630022
 (5) INVENTORY ROUTE (ON/UNDER) ON 121007010
 (2) STATE HIGHWAY DEPARTMENT DISTRICT 3
 (3) COUNTY CODE (FEDERAL) 163 (4) PLACE CODE 00000
 (6) FEATURE INTERSECTED BILLS SWAMP
 (7) FACILITY CARRIED US701
 (9) LOCATION 0.7 MI N SR1259
 (11) MILEPOINT 0.0
 (12) BASE HIGHWAY NETWORK 1
 (13) LRS INVENTORY ROUTE & SUBROUTE 20701
 (16) LATITUDE 34° 48' 51.31" (17) LONGITUDE 78° 21' 56.84"
 (98) BORDER BRIDGE STATE CODE PERCENT SHARED
 (99) BORDER BRIDGE STRUCTURE NUMBER

SUFFICIENCY RATING 72.87
 STATUS =
 CLASSIFICATION CODE
 (112) NBIS BRIDGE SYSTEM YES
 (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 Temporary Structure or Conditions T
 (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 Steel Continuous
 TYPE Stringer/Multi-beam or girder CODE 402
 (44) STRUCTURE TYPE APPROACH
 TYPE CODE
 (45) NUMBER OF SPANS IN MAIN UNIT 6
 (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

CONDITION CODE
 (58) DECK 7
 (59) SUPERSTRUCTURE 6
 (60) SUBSTRUCTURE 6
 (61) CHANNEL & CHANNEL PROTECTION 7
 (62) CULVERTS N

LOAD RATING AND POSTING

CODE
 (31) DESIGN LOAD HS 15 3
 (63) OPERATING RATING METHOD - Load Factor 1
 (64) OPERATING RATING - HS-27 48
 (65) INVENTORY RATING METHOD - 1
 (66) INVENTORY RATING HS-16 28
 (70) BRIDGE POSTING No Posting Required 5
 (41) STRUCTURE OPEN, POSTED, OR CLOSED D
 DESCRIPTION Open, would be posted or closed except for temporary shoring

AGE AND SERVICE

(27) YEAR BUILT 1954
 (106) YEAR RECONSTRUCTED 0
 (42) TYPE OF SERVICE ON - Highway
 OFF - Waterway CODE 15
 (28) LANES ON STRUCTURE 2 LANES UNDER STRUCTURE 0
 (29) AVERAGE DAILY TRAFFIC 4100
 (30) YEAR OF ADT 2019 (109) TRUCK ADT PCT 8
 (19) BYPASS OR DETOUR LENGTH 2.0

APPRAISAL

CODE
 (67) STRUCTURAL EVALUATION 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 20.0
 (49) STRUCTURE LENGTH 121.0
 (50) CURB OR SIDEWALK: LEFT 1.6 RIGHT 1.6
 (51) BRIDGE ROADWAY WIDTH, CURB TO CURB 28.1
 (52) DECK WIDTH OUT TO OUT 33.4
 (32) APPROACH ROADWAY WITH (W/ SHOULDERS) 26.0
 (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 28.1
 (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

CODE
 (75) TYPE OF WORK
 (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 8,200 YEAR OF FUTURE ADT 2040

NAVIGATION DATA

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

INSPECTION

(90) INSPECTION DATE 06/22 (91) FREQUENCY 24
 (92) CRITICAL FEATURE INSPECTION (93) CFI DATE
 A) FRACTURE CRIT DETAIL A)
 B) UNDERWATER INSP B)
 C) OTHER SPECIAL INSP C)

SCOUR

Superstructure Build Details

Span Number 1

Span Length 20.2500

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Reinforced Concrete Deck	Reinforced Concrete Deck	635 Square Feet		
1	Standard Joint	Pourable Joint Seal	32 Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	42 Feet		
15	Other Bearing	Other Bearings	15 Each	Legacy Non Lead Primer System with various Topcoats	15
1	Asphalt Wearing Surface	Wearing Surface	569 Square Feet		
5	Plate Girder	Steel Open Girder/Beam	200 Feet	Legacy Red Lead Primer Systems with Various Topcoats	865

Span Number 2

Span Length 20.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
2	Concrete Railing	Reinforced Concrete Bridge Railing	40 Feet		
1	Asphalt Wearing Surface	Wearing Surface	562 Square Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	627 Square Feet		

Span Number 3

Span Length 20.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
5	Plate Girder	Steel Open Girder/Beam	200 Feet	Legacy Red Lead Primer Systems with Various Topcoats	865
15	Other Bearing	Other Bearings	15 Each	Legacy Red Lead Primer Systems with Various Topcoats	15
1	Reinforced Concrete Deck	Reinforced Concrete Deck	627 Square Feet		
1	Asphalt Wearing Surface	Wearing Surface	562 Square Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	40 Feet		

Span Number 4

Span Length 20.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
2	Concrete Railing	Reinforced Concrete Bridge Railing	40 Feet		
1	Asphalt Wearing Surface	Wearing Surface	562 Square Feet		

Superstructure Build Details

1	Reinforced Concrete Deck	Reinforced Concrete Deck	627	Square Feet	
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Span Number 5

Span Length 20.0000

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	562	Square Feet	
5	Plate Girder	Steel Open Girder/Beam	200	Feet	Legacy Red Lead Primer Systems with Various Topcoats 865
15	Other Bearing	Other Bearings	15	Each	Legacy Red Lead Primer Systems with Various Topcoats 15
2	Concrete Railing	Reinforced Concrete Bridge Railing	40	Feet	
1	Reinforced Concrete Deck	Reinforced Concrete Deck	627	Square Feet	

Span Number 6

Span Length 20.2500

Skew 90.0000

Number of Items	Type of Component	Element Name	Quantity	Protective System Applied	Quantity (Sq Ft)
2	Concrete Railing	Reinforced Concrete Bridge Railing	42	Feet	
1	Asphalt Wearing Surface	Wearing Surface	569	Square Feet	
1	Reinforced Concrete Deck	Reinforced Concrete Deck	635	Square Feet	
1	Standard Joint	Pourable Joint Seal	32	Feet	

Structure Element Scoring

Structure Number: 810022

Inspection Date 6/27/2022

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	0	Reinforced Concrete Deck	Deck	3778	1517	2235	26	0
107	0	Steel Open Girder/Beam	Beam	600	24	558	14	4
515	107	Steel Protective Coating	Beam	2595	1577	1	1013	4
215	0	Reinforced Concrete Abutment	Abutments	66	57	9	0	0
225	0	Steel Pile	Piles and Columns	15	0	15	0	0
515	225	Steel Protective Coating	Piles and Columns	2595	2255	24	316	0
228	0	Timber Pile	Piles and Columns	38	8	20	10	0
234	0	Reinforced Concrete Pier Cap	Caps	197	184	10	3	0
301	0	Pourable Joint Seal	Expansion Joints	64	64	0	0	0
316	0	Other Bearings	Bearing Device	45	0	38	1	6
515	316	Steel Protective Coating	Bearing Device	45	0	1	44	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	244	112	132	0	0
510	0	Wearing Surface	Wearing Surfaces	3386	3324	62	0	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 810022

Inspection Date: 06/27/2022

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Cracking (RC and Other)	2179 Square Feet
3326	Reinforced Concrete Deck	Patched Areas	8 Square Feet
3326	Reinforced Concrete Deck	Delamination/Spall	52 Square Feet
3314	Steel Open Girder/Beam	Corrosion	49 Feet
3314	Steel Open Girder/Beam	Damage	3 Feet
3344	Timber Pile	Decay/Section Loss	36 Each
3344	Timber Pile	Check/Shake	13 Each
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	2 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	9 Feet
3334	Other Bearings	Connection	15 Each
3334	Other Bearings	Corrosion	2 Each
3318	Reinforced Concrete Bridge Railing	Delamination/Spall	86 Feet
2816	Wearing Surface	Crack (Wearing Surface)	110 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	1754 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	349 Square Feet

Element Structure Maintenance Quantities

Structure Number: 810022

Inspection Date 06/27/2022

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	0	66	0	0	9	57
Beam	3314	Maintenance Steel Superstructure Components	18	600	4	14	558	24
Beam	3342	Clean and Paint Steel	1018	2595	4	1013	1	1577
Bearing Device	3334	Bridge Bearing	7	45	6	1	38	0
Bearing Device	3342	Clean and Paint Steel	45	45	0	44	1	0
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	84	244	0	0	132	112
Caps	3348	Maintenance of Concrete Substructure	7	197	0	3	10	184
Deck	3326	Maintenance of Concrete Deck	2212	3778	0	26	2235	1517
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	64	0	0	0	64
Piles and Columns	3342	Clean and Paint Steel	340	2595	0	316	24	2255
Piles and Columns	3344	Maintenance To Timber Substructure	35	38	0	10	20	8
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	15	0	0	15	0
Wearing Surfaces	2816	Asphalt Surface Repair	62	3386	0	0	62	3324

Priority Actions Request

Structure Number 810022

Span 1

3314	Beam 1	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Corrosion	2	Span 1 Beam 1: LEFT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 18" LONG x 3" WIDE. AREA ALSO HAS 1 1/2" x 1 1/2" AREA OF 100% SECTION LOSS. "PAR" ISSUED	
2	Corrosion	1	Span 1 Beam 1: WEB OVER BENT 2 HAS (2) AREAS OF 100% SECTION LOSS UP TO 1 1/2" x 1". "PAR" ISSUED	
2	Corrosion	1	Span 1 Beam 1 - Far Bearing: SECTION LOSS WITH 3/4" REMAINING THRU-OUT BEARING AND LEFT ANCHOR BOLT NUT MISSING. "PAR" ISSUED	
2	Corrosion	1	Span 1 Beam 1: RIGHT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 11" LONG x 3" WIDE. "PAR" ISSUED	

3314	Beam 2	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Corrosion	2	Span 1 Beam 2: BOTTOM FLANGE AND WEB OVER BENT 2 HAS AREAS OF SECTION LOSS. WEB AREA IS: 6" LONG x 1" TALL WITH 1/4" REMAINING. BOTTOM FLANGE AREA IS: 12" LONG x FULL WIDTH WITH DOWN TO 1/4" REMAINING. "PAR"	

3314	Beam 3	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Corrosion	1	Span 1 Beam 3: BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"	

3314	Beam 4	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Corrosion	1	Span 1 Beam 4: RIGHT BOTTOM FLANGE OVER BENT 2. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x 3 1/2" WIDE. "PAR"	

Span 3

3334	Beam 2	Plate Girder		
Priority Level	Defect Type	Quantity	Defect Description	
2	Connection	1	Span 3 Beam 2 - Far Bearing: ANCHOR BOLT NUT MISSING ON BOTH SIDES. "PAR"	
2	Corrosion	1	Span 3 Beam 2: RIGHT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x 3" WIDE. "PAR"	

3334	Beam 3	Plate Girder		
?	Priority Action Request (PAR)	1	Assigned Routine Maintenance	
2	Assigned Priority Maintenance	1	Assigned Critical Find	

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

Priority Actions Request

Structure Number 810022

Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 3 Beam 3 - Far Bearing: RIGHT ANCHOR BOLT NUT MISSING. "PAR"
2	Corrosion	1	Span 3 Beam 3: BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 12" LONG x FULL WIDTH. AREA ALSO HAS A 2" x 2 1/2" AREA OF 100% SECTION LOSS. "PAR"
2	Corrosion	1	Span 3 Beam 3: RIGHT BOTTOM FLANGE OVER BENT 4. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 12" LONG x FULL WIDTH. "PAR"
2	Corrosion	2	Span 3 Beam 3: WEB OVER BENT 2 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 18" LONG x UP TO 5" HIGH. "PAR"

3334 Beam 4 Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 3 Beam 4 - Far Bearing: LEFT ANCHOR BOLT NUT MISSING. "PAR"
2	Corrosion	1	Span 3 Beam 4: BOTTOM FLANGE OVER BENT 2. HAS A AREA OF SECTION LOSS WITH 5/16" REMAINING. AREA IS: 12" LONG x FULL WIDTH. "PAR" ISSUED
2	Corrosion	1	Span 3 Beam 4: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/8" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"

Span5

3326 Deck Reinforced Concrete Deck

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	4	Span 5 Deck: 4' x 12" x 2" DEEP SPALL WITH BROKEN REBAR EXPOSED. BOTTOM OF DECK BAY 1 NEAR MID-SPAN. "PAR"

3334 Beam 2 Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 5 Beam 2 - Near Bearing: RIGHT ANCHOR BOLT NUT MISSING. "PAR"

3334 Beam 3 Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 5 Beam 3 - Near Bearing: ANCHOR BOLT NUT MISSING ON BOTH SIDES. "PAR"
2	Corrosion	1	Span 5 Beam 3: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"

3334 Beam 4 Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 5 Beam 4 - Near Bearing: BOTH ANCHOR BOLT NUTS MISSING. "PAR"

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

Priority Actions Request

Structure Number 810022

- ② Corrosion 2 Span 5 Beam 4: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/8" REMAINING. AREA IS UP TO 20" LONG x FULL WIDTH. "PAR"

Bent 2

Priority Level	Defect Type	Quantity	Defect Description
②	Delamination/Spall	2	Bent 2 Cap 1: BOTTOM SOUTHWEST CORNER HAS A 14" x 10" x UP TO 7" DEEP SPALL WITH (2) MAIN REBAR EXPOSED. "PAR" ISSUED
3344 Cap 1 Reinforced Concrete Pier Cap			
Priority Level	Defect Type	Quantity	Defect Description
②	Decay/Section Loss	2	Bent 2 Pile 4: 24" TALL x 8" WIDE x 3" DEEP AREA OF DECAY IN SOUTH FACE AT LOWER CROSS-BRACE. "PAR" ISSUED
3344 Pile 4 Timber Pile			
Priority Level	Defect Type	Quantity	Defect Description
②	Decay/Section Loss	5	Bent 2 Pile 7: 5' HIGH x 1/2 CIRCUMFERENCE OF DELAMINATION WITH HOLLOW SOUND IN EAST FACE FROM TOP DOWN. "PAR" ISSUED
3344 Pile 7 Timber Pile			
Priority Level	Defect Type	Quantity	Defect Description
②	Decay/Section Loss	2	Bent 2 Pile 9: 2' TALL x 1/2 CIRCUMFERENCE x 3" DEEP AREA OF HEAVY DECAY ON SOUTH FACE AT LOWER CROSS-BRACE. "PAR"
3344 Pile 9 Timber Pile			

Bent 3

3344 Pile 6 Timber Pile			
Priority Level	Defect Type	Quantity	Defect Description
②	Decay/Section Loss	3	Bent 3 Pile 6: 28" x 5" x 4" DEEP AREA OF DECAY ON NORTH FACE OF LOWER CROSS-BRACE. "PAR"
3344 Pile 9 Timber Pile			
Priority Level	Defect Type	Quantity	Defect Description
②	Decay/Section Loss	2	Bent 3 Pile 9: 23" x 6" x 2" DEEP AREA OF DECAY IN SOUTH FACE AND LOWER CROSS-BRACE. "PAR"
②	Decay/Section Loss	4	Bent 3 Pile 9: 4' x 9" x 3" DEEP AREA OF DECAY NORTH FACE OF LOWER CROSS-BRACE. "PAR"

Priority Actions Request

Structure Number 810022

Bent 4

3344 Pile 4 Timber Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	6	Bent 4 Pile 4: SOUTH FACE HAS A AREA OF DECAY WITH ADJACENT HOLLOW SOUNDS. AREA IS: FROM BOTTOM OF CAP DOWN 6' x 10" x 3" DEEP. "PAR"

Bent 5

3344 Pile 6 Timber Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	2	Bent 5 Pile 6: SOUTH AND NORTH FACE 4' BELOW CAP HAS AREAS OF DECAY UP TO 19" x 8" x 3" DEEP. "PAR"

3344 Pile 9 Timber Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	1	Bent 5 Pile 9: 12" TALL x FULL CIRCUMFERENCE x 2" DEEP AREA OF DECAY. 16" ABOVE GROUNDLINE. "PAR"

Element Condition and Maintenance Data

Structure Number: 810022

Inspection Date: 06/27/2022

Span 1 **Deck**
Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Square Feet
12	Reinforced Concrete Deck	635	6	623	6	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	Square Feet
<input type="checkbox"/> 12	Delamination/Spall	1'-8" WIDE X 10" LONG X 1/2" DEEP SPALLED AND DELAMINATED AREA IN THE UNDERSIDE OF THE DECK IN BAY 1, 9' FROM END BENT 1	3	2	2	Square Feet
<input checked="" type="checkbox"/> 12	Delamination/Spall	2' LONG X 2'-8" WIDE X 2" DEEP SPALLED AREA WITH EXPOSED REINFORCEMENT IN THE UNDERSIDE OF THE DECK IN BAY 4, 3' FROM END BENT 1	3	6	6	Square Feet
<input type="checkbox"/> 12	Patched Areas	9" WIDE X 3" LONG X 1 1/2" DEEP SPALLED AREA WITH EXPOSED REINFORCEMENT IN THE UNDERSIDE OF THE DECK IN BAY 1 AT BENT 1	3	1	1	Square Feet
<input checked="" type="checkbox"/> 12	Cracking (RC and Other)	INTERMITTENT FULL WIDTH X 1/32" WIDE TRANSVERSE CRACKS WITH EFFLORESCENCE IN THE UNDERSIDE OF THE DECK AT 1' TO 3' SPACING	2	620	620	Square Feet
<input type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 1 AT BENT 1	2	2		Square Feet
<input type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 3 AT BENT 1	2	2		Square Feet
<input type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 4 AT BENT 1	2	2		Square Feet
<input checked="" type="checkbox"/> 12	Patched Areas	METAL PLATE ATTACHED TO BOTTOM OF DECK IN BAYS 1, 3 AND 4 NEAR BENT 1	2	3		Square Feet

General Comments

Span 1 **Wearing Surface**
Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Square Feet
510	Wearing Surface	569	551	18	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	Square Feet
<input type="checkbox"/> 510	Crack (Wearing Surface)	INTERMITTENT 12' LONG X 1/16" WIDE TRANSVERSE CRACK IN THE ASPHALT WEARING SURFACE IN THE SOUTHBOUND LANE AT END BENT 1	3	12	12	Square Feet
<input checked="" type="checkbox"/> 510	Crack (Wearing Surface)	SCATTERED TRANSVERSE CRACKS UP TO 1/8" WIDE OVER END BENT 1	2	18	18	Square Feet

General Comments

Span 1 **Left Bridge Rail**
Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Feet
331	Reinforced Concrete Bridge Railing	21	0	21	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	Qty
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Structure Number: 810022

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<input checked="" type="checkbox"/>	331	Cracking (RC and Other)	SCATTERED HAIRLINE CRACKS IN FACE AND TOP OF CURB	2	3	Feet
<input checked="" type="checkbox"/>	331	Delamination/Spall	3" x 1" x 1/4" DEEP SPALL IN FACE OF CURB WITH RUST STAINS VISIBLE. 12' FROM END BENT 1	2	1	1 Feet
<input checked="" type="checkbox"/>	331	Delamination/Spall	EXPOSED SURFACE COARSE AGGREGATE THROUGHOUT THE BRIDGE RAIL	2	17	17 Feet

General Comments

Span 1 Right Bridge Rail
Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Maint Qty
331	Reinforced Concrete Bridge Railing	21	17	4	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/>	331	Cracking (RC and Other)	2	4	Feet
<input type="checkbox"/>	331	Delamination/Spall	2	21	Feet

General Comments

Span 1 Beam 1
Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Maint Qty
107	Steel Open Girder/Beam	40	0	36	1	3	Feet
515	Steel Protective Coating	173	93	0	80	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input type="checkbox"/>	107	Corrosion	4	3	3 Feet
<input type="checkbox"/>	107	Corrosion	4	3	3 Feet
<input checked="" type="checkbox"/>	107	Corrosion	4	2	2 Feet
<input checked="" type="checkbox"/>	107	Corrosion	4	1	1 Feet
<input checked="" type="checkbox"/>	107	Corrosion	3	1	1 Feet
<input type="checkbox"/>	107	Corrosion	2	34	Feet
<input checked="" type="checkbox"/>	107	Corrosion	2	36	Feet

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<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	DELAMINATED STEEL 2'-1" LONG X 7" HIGH WITH KNIFE EDGING AND (2) HOLES UP TO 1/2" DIAMETER IN THE WEB AT BENT 2 IN SPAN 2 (PRIORITY ACTION REQUEST)	4	3	3	Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 2'-1" LONG WITH KNIFE EDGING AND (1) HOLE UP TO 1-1/2" LONG X 1-1/2" WIDE IN THE BOTTOM FLANGE AT BENT 2 IN SPAN 2	4	3	3	Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 25% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	44	44	Square Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	80	80	Square Feet

General Comments

Span 1 Near Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 1 Far Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/>	316	Corrosion	DELAMINATED STEEL WITH 3/4" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) THROUGHOUT THE GIRDER 1 BEARING ASSEMBLY (PRIORITY ACTION REQUEST)	4	1	1 Each
<input checked="" type="checkbox"/>	316	Corrosion	SECTION LOSS WITH 3/4" REMAINING THRU-OUT BEARING AND LEFT ANCHOR BOLT NUT MISSING. "PAR" ISSUED	3	1	1 Each
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	DELAMINATED STEEL WITH 3/4" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) THROUGHOUT THE GIRDER 1 BEARING ASSEMBLY (PRIORITY ACTION REQUEST)	4	1	1 Square Feet

<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
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General Comments

Span 1	Beam 2
Plate Girder	

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	40	10	28	2	0 Feet
515	Steel Protective Coating	173	13	0	160	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input type="checkbox"/>	107	Corrosion			
		FULL WIDTH 1' LONG DELAMINATED STEEL WITH 1/4" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 2 IN SPAN 2 (PRIORITY ACTION REQUEST)	4	1	1 Feet
<input checked="" type="checkbox"/>	107	Corrosion			
		BOTTOM FLANGE AND WEB OVER BENT 2 HAS AREAS OF SECTION LOSS. WEB AREA IS: 6" LONG x 1" TALL WITH 1/4" REMAINING. BOTTOM FLANGE AREA IS: 12" LONG x FULL WIDTH WITH DOWN TO 1/4" REMAINING. "PAR"	3	2	2 Feet
<input type="checkbox"/>	107	Damage			
		2'-9" LONG X 8" HIGH X 4" DEEP SPALLED AREA WITH EXPOSED REINFORCEMENT IN THE BAY 2 END DIAPHRAGM IN SPAN 2 AT BENT 2	3		3 Feet
<input type="checkbox"/>	107	Corrosion			
		INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 25% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	39	Feet
<input checked="" type="checkbox"/>	107	Corrosion			
		SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	28	Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)			
		FULL WIDTH 1' LONG DELAMINATED STEEL WITH 1/4" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 2 IN SPAN 2	4	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)			
		INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 25% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	44	44 Square Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)			
		LIMITED EFFECTIVENESS	3	80	80 Square Feet

General Comments

Span 1	Near Bearing
Other Bearing	

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/>	316	Corrosion			
		RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion			
		SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	2	1	Each

<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	3	1	1	Square Feet

General Comments

Span 1 Far Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 1 Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	0	39	1	0	Feet
515	Steel Protective Coating	173	173	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/>	107	Corrosion	FULL WIDTH DELAMINATED STEEL UP TO 1' LONG WITH 3/8" REMAINING (GREATER THAN 1/16" SECTION LOSS, 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 2 IN SPAN 2 (PRIORITY ACTION REQUEST)	4	1	1 Feet
<input type="checkbox"/>	107	Corrosion	2' LONG X 4" HIGH AREA OF DELAMINATED STEEL WITH 1/4" REMAINING (1/16" SECTION LOSS, LESS THAN 25% SECTION LOSS) IN THE WEB IN SPAN 2 AT BENT 2	3	1	2 Feet
<input checked="" type="checkbox"/>	107	Corrosion	BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"	3	1	1 Feet
<input type="checkbox"/>	107	Corrosion	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	38	Feet
<input checked="" type="checkbox"/>	107	Corrosion	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	39	Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	2' LONG X 4" HIGH AREA OF DELAMINATED STEEL WITH 1/4" REMAINING (1/16" SECTION LOSS, LESS THAN 25% SECTION LOSS) IN THE WEB IN SPAN 2 AT BENT 2	4	2	2 Square Feet

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<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 1' LONG WITH 3/8" REMAINING (GREATER THAN 1/16" SECTION LOSS, 25% SECTION LOSS) IN THE RIGHT BOTTOM FLANGE AT BENT 2 IN SPAN 2	4	1	1	Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	35	35	Square Feet

General Comments

Span 1 Near Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 1 Far Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 1 **Beam 4**
Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	40	0	39	1	0 Feet
515	Steel Protective Coating	173	171	1	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input type="checkbox"/> 107	Corrosion	DELAMINATED STEEL UP TO 6" LONG X 3-1/2" WIDE WITH 1/4" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE RIGHT BOTTOM FLANGE AT BENT 2 IN SPAN 2 (PRIORITY ACTION REQUEST)	4	1	1 Feet
<input checked="" type="checkbox"/> 107	Corrosion	RIGHT BOTTOM FLANGE OVER BENT 2. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x 3 1/2" WIDE. "PAR"	3	1	1 Feet
<input type="checkbox"/> 107	Corrosion	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 30% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	39	Feet
<input checked="" type="checkbox"/> 107	Corrosion	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	39	Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	DELAMINATED STEEL UP TO 10" LONG X 3-1/2" WIDE WITH 1/4" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE RIGHT BOTTOM FLANGE AT BENT 2 IN SPAN 2	4	1	1 Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 30% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	52	52 Square Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	2	1	1 Square Feet

General Comments

Span 1 **Near Bearing**
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 1 Far Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1		Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	3	1	1	Square Feet

General Comments

Span 1 Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	0	40	0	0	Feet
515	Steel Protective Coating	173	93	0	80	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/> 107	Corrosion	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 25% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	40		Feet
<input checked="" type="checkbox"/> 107	Corrosion	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	40		Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 25% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	44	44	Square Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	3	80	80	Square Feet

General Comments

2'-6" LONG X 11" HIGH X FULL WIDTH X 1/2" THICK REPAIR PLATE IN THE WEB AND BOTTOM FLANGE OF BEAM 5 IN SPAN 2 AT BENT 2

Span 1 Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1		Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet

<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	3	1	1	Square Feet
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General Comments

Span 1 Far Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 1 Bent 1 Intermediate Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 1 Bent 1 Intermediate Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet

<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	3	1	1	Square Feet
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General Comments

Span 1 Bent 1 Intermediate Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 1 Bent 1 Intermediate Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 1 Bent 1 Intermediate Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	2	1	Each
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	3	1	1 Square Feet

<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	2	1	1	Square Feet
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General Comments

Span 2 Deck
Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	627	0	625	2	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input type="checkbox"/>	12	Delamination/Spall	1' LONG X 1'-4" WIDE X 3/4" DEEP SPALLED AND DELAMINATED AREA IN THE UNDERSIDE OF THE EAST OVERHANG, 5' FROM BENT 2	3	2	2	Square Feet
<input checked="" type="checkbox"/>	12	Delamination/Spall	2' DIAMETER x UP TO 3" DEEP SPALL WITH (3) REBAR EXPOSED. BOTTOM OF DECK BAY 4 AT MID-SPAN. "PAR"	3	2	2	Square Feet
<input checked="" type="checkbox"/>	12	Cracking (RC and Other)	INTERMITTENT FULL WIDTH X 1/32" WIDE TRANSVERSE CRACKS WITH EFFLORESCENCE IN THE UNDERSIDE OF THE DECK AT 1' TO 3' SPACING	2	611	611	Square Feet
<input checked="" type="checkbox"/>	12	Delamination/Spall	3' WIDE x 18" LONG CRACKED AND DELAMINATED AREA IN BOTTOM OF RIGHT OVERHANG. 5' FROM BENT 2	2	3	3	Square Feet
<input checked="" type="checkbox"/>	12	Delamination/Spall	6" x 3" x 1/4" DEEP SPALL WITH REBAR VISIBLE IN BOTTOM OF LEFT OVERHANG. 6' FROM BENT 2	2	1	1	Square Feet
<input checked="" type="checkbox"/>	12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 1 AT BENT 1 / SIMILAR IN BAYS 1, 3 AND 4 AT BENT 2	2	8		Square Feet
<input type="checkbox"/>	12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 1 AT BENT 2	2	2		Square Feet
<input checked="" type="checkbox"/>	12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 2 AT BENT 1 / SIMILAR IN BAY 4	2	2		Square Feet
<input type="checkbox"/>	12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 3 AT BENT 2	2	2		Square Feet
<input type="checkbox"/>	12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 4 AT BENT 1	2	2		Square Feet
<input type="checkbox"/>	12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 4 AT BENT 2	2	2		Square Feet

General Comments

Span 2 Wearing Surface
Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	562	542	20	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/>	510	Crack (Wearing Surface)	SCATTERED TRANSVERSE CRACKS UP TO 1/8" WIDE OVER BENT 2	2	20	20	Square Feet

General Comments

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	20	19	1	0	0	Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/> 331	Delamination/Spall	(2) SPALLS IN FACE OF CURB WITH REBAR VISIBLE NEAR BENT 1. AREAS ARE 3" x 1" x 1/4" DEEP	2	1	1	1	Feet
<input type="checkbox"/> 331	Delamination/Spall	EXPOSED SURFACE COARSE AGGREGATE THROUGHOUT THE BRIDGE RAIL	2	20			Feet
General Comments							

Span 2 Right Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	20	16	4	0	0	Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input type="checkbox"/> 331	Delamination/Spall	EXPOSED SURFACE COARSE AGGREGATE THROUGHOUT THE BRIDGE RAIL	2	20			Feet
<input checked="" type="checkbox"/> 331	Delamination/Spall	SCATTERED SPALLS UP TO 4" x 3" x 1/2" DEEP IN FACE OF RAIL AND POST	2	4	4	4	Feet
General Comments							

Span 3 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	627	590	34	3	0	Square Feet
Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/> 12	Delamination/Spall	(3) SPALLED AREAS WITH REBAR VISIBLE IN SCATTERED LOCATIONS. BOTTOM OF LEFT OVERHANG. AREAS AREA UP TO: 10" DIAMETER x 2" DEEP	3	3	3	3	Square Feet
<input type="checkbox"/> 12	Delamination/Spall	9" WIDE X 8" LONG X 1" DEEP SPALLED AREA WITH EXPOSED REINFORCEMENT IN THE UNDERSIDE OF THE WEST OVERHANG AT MID SPAN	3	1	1	1	Square Feet
<input type="checkbox"/> 12	Cracking (RC and Other)	INTERMITTENT FULL WIDTH X 1/32" WIDE TRANSVERSE CRACKS WITH EFFLORESCENCE IN THE UNDERSIDE OF THE DECK AT 1' TO 3' SPACING	2	612			Square Feet
<input checked="" type="checkbox"/> 12	Cracking (RC and Other)	SCATTERED HAIRLINE TRANSVERSE CRACKS UP TO FULL WIDTH WITH SOME EFFLO IN BOTTOM OF DECK	2	24	24	24	Square Feet
<input type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 1 AT BENT 2	2	2			Square Feet
<input type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 1 AT BENT 3	2	2			Square Feet
<input type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 2 AT BENT 2	2	2			Square Feet

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<input type="checkbox"/>	12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 3 AT BENT 3	2	2	Square Feet
<input checked="" type="checkbox"/>	12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 4 AT BENT 2 / SIMILAR AT BENT 3	2	2	Square Feet
<input type="checkbox"/>	12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 4 AT BENT 3	2	2	Square Feet
<input checked="" type="checkbox"/>	12	Patched Areas	METAL PLATE BOLTED TO BOTTOM OF DECK IN BAYS 1 AND 3 AT BENTS 2 AND 3.	2	8	Square Feet

General Comments

Span 3 Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface	562	562	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/>	510	Crack (Wearing Surface)	FULL WIDTH X UP TO 1/8" WIDE TRANSVERSE CRACK IN THE ASPHALT WEARING SURFACE ALONG BENT 2	3	29	29 Square Feet

General Comments

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	20	0	20	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	331	Delamination/Spall	EXPOSED SURFACE COARSE AGGREGATE THROUGHOUT THE BRIDGE RAIL	2	20	20 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	20	0	20	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	331	Delamination/Spall	EXPOSED SURFACE COARSE AGGREGATE THROUGHOUT THE BRIDGE RAIL	2	20	20 Feet

General Comments

Span 3 **Beam 1**
Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	4	36	0	0	Feet
515	Steel Protective Coating	173	101	0	72	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/> 107	Corrosion	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	40		Feet
<input checked="" type="checkbox"/> 107	Corrosion	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	36		Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	35	35	Square Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	72	72	Square Feet

General Comments

1'-8" LONG X 10" HIGH X FULL WIDTH X 1/2" THICK REPAIR PLATE IN THE WEB AND BOTTOM FLANGE OF BEAM 1 IN SPAN 3 AT BENT 2; 1'-9" LONG X 8" HIGH X 8" WIDE X 1/2" THICK REPAIR PLATE IN THE WEB AND BOTTOM FLANGE OF BEAM 1 IN SPAN 4 AT BENT 4

Span 3 **Near Bearing**
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	SURFACE RUST	2	1		Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	3	1	1	Square Feet

General Comments

Span 3 **Far Bearing**
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1		Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	2	1		Each

<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	3	1	1	Square Feet

General Comments

Span 3 Bent 3 Intermediate Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 3 Beam 2
Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	0	39	1	0	Feet
515	Steel Protective Coating	173	93	0	80	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/>	107	Corrosion	FULL WIDTH DELAMINATED STEEL UP TO 7" LONG WITH 1/4" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 2 IN SPAN 3 (PRIORITY ACTION REQUEST)	4	1	1 Feet
<input type="checkbox"/>	107	Corrosion	1' LONG X FULL WIDTH AREA OF DELAMINATED STEEL WITH 7/16" REMAINING (1/16" SECTION LOSS, LESS THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE IN SPAN 4 AT BENT 4	3	1	1 Feet
<input checked="" type="checkbox"/>	107	Corrosion	RIGHT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x 3" WIDE. "PAR"	3	1	1 Feet
<input type="checkbox"/>	107	Corrosion	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	36	Feet
<input checked="" type="checkbox"/>	107	Corrosion	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	39	Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	1' LONG X FULL WIDTH AREA OF DELAMINATED STEEL WITH 7/16" REMAINING (1/16" SECTION LOSS, LESS THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE IN SPAN 4 AT BENT 4	4	1	1 Square Feet

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<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 7" LONG WITH 1/4" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 2 IN SPAN 3	4	1	1	Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	35	35	Square Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	80	80	Square Feet

General Comments

Span 3 Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input type="checkbox"/>	316	Connection	FULL CIRCUMFERENCE DETERIORATION OF THE LEFT ANCHOR BOLT NUT	3	1	1	Each
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1		Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	2			Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	3	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	0	1	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/>	316	Connection	ANCHOR BOLT NUT MISSING ON BOTH SIDES. "PAR"	4	1	1	Each
<input type="checkbox"/>	316	Connection	MISSING ANCHOR BOLT NUT ON BOTH SIDES	3	1	2	Each
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2			Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	2			Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	3	1	1	Square Feet

General Comments

Span 3 Bent 3 Intermediate Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1		Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	3	1	1	Square Feet

General Comments

Span 3 Beam 3
Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	0	36	3	1	Feet
515	Steel Protective Coating	173	91	0	80	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 107	Corrosion	BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 12" LONG x FULL WIDTH. AREA ALSO HAS A 2" x 2 1/2" AREA OF 100% SECTION LOSS. "PAR"	4	1	1	Feet
<input type="checkbox"/> 107	Corrosion	FULL WIDTH DELAMINATED STEEL UP TO 1'-3" LONG WITH 3/8" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 4 IN SPAN 4 (PRIORITY ACTION REQUEST)	4	2	2	Feet
<input type="checkbox"/> 107	Corrosion	FULL WIDTH DELAMINATED STEEL UP TO 1'-3" LONG WITH KNIFE EDGING AND (1) HOLE UP TO 2" LONG X 2-1/2" WIDE IN THE BOTTOM FLANGE AT BENT 2 IN SPAN 3 (PRIORITY ACTION REQUEST)	4	2	2	Feet
<input type="checkbox"/> 107	Corrosion	1'-3" LONG X 5" HIGH AREA OF DELAMINATED STEEL WITH 1/4" REMAINING (1/16" SECTION LOSS, LESS THAN 25% SECTION LOSS) IN THE WEB IN SPAN 3 AT BENT 2	3		2	Feet
<input checked="" type="checkbox"/> 107	Corrosion	RIGHT BOTTOM FLANGE OVER BENT 4. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 12" LONG x FULL WIDTH. "PAR"	3	1	1	Feet
<input checked="" type="checkbox"/> 107	Corrosion	WEB OVER BENT 2 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 18" LONG x UP TO 5" HIGH. "PAR"	3	2	2	Feet
<input type="checkbox"/> 107	Corrosion	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	36		Feet
<input checked="" type="checkbox"/> 107	Corrosion	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	36		Feet

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<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	1'-3" LONG X 5" HIGH AREA OF DELAMINATED STEEL WITH 1/4" REMAINING IN THE WEB IN SPAN 3 AT BENT 2	4	2	2	Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 1'-3" LONG WITH 3/8" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 4 IN SPAN 4	4	2	2	Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 1'-3" LONG WITH KNIFE EDGING AND (1) HOLE UP TO 2" LONG X 2-1/2" WIDE IN THE BOTTOM FLANGE AT BENT 2 IN SPAN 3	4	2	2	Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	35	35	Square Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	80	80	Square Feet

General Comments

Span 3	Near Bearing
Other Bearing	

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	3	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	0	1	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Connection	RIGHT ANCHOR BOLT NUT MISSING. "PAR"	4	1	1 Each
<input type="checkbox"/>	316	Corrosion	DELAMINATED STEEL WITH 1/32" SECTION LOSS THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2		Each
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	DELAMINATED STEEL WITH 1/32" SECTION LOSS THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	4	1	1 Square Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet

General Comments

Span 3 Bent 3 Intermediate Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1		Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	3	1	1	Square Feet

General Comments

Span 3 Beam 4
Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	0	38	2	0	Feet
515	Steel Protective Coating	173	92	0	80	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/> 107	Corrosion	FULL WIDTH DELAMINATED STEEL UP TO 1' LONG WITH 1/8" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 4 IN SPAN 4 (PRIORITY ACTION REQUEST)	4	2	2	Feet
<input type="checkbox"/> 107	Corrosion	FULL WIDTH DELAMINATED STEEL UP TO 8" LONG WITH 3/8" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 2 IN SPAN 3 (PRIORITY ACTION REQUEST)	4	1	1	Feet
<input checked="" type="checkbox"/> 107	Corrosion	BOTTOM FLANGE OVER BENT 2. HAS A AREA OF SECTION LOSS WITH 5/16" REMAINING. AREA IS: 12" LONG x FULL WIDTH. "PAR" ISSUED	3	1	1	Feet
<input checked="" type="checkbox"/> 107	Corrosion	BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/8" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"	3	1	1	Feet
<input type="checkbox"/> 107	Corrosion	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 25% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	37		Feet
<input checked="" type="checkbox"/> 107	Corrosion	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	38		Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 1' LONG WITH 1/8" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 4 IN SPAN 4	4	1	1	Square Feet

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<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 12" LONG WITH 5/16" REMAINING IN THE BOTTOM FLANGE AT BENT 2 IN SPAN 3	4	1	1	Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 25% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	44	44	Square Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	80	80	Square Feet

General Comments

Span 3 Near Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	3	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	0	1	Each
515	Steel Protective Coating	1	0	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Connection	LEFT ANCHOR BOLT NUT MISSING. "PAR"	4	1	1 Each
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2		Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 3 Bent 3 Intermediate Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1		Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	3	1	1	Square Feet

General Comments

Span 3 Beam 5
Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	0	40	0	0	Feet
515	Steel Protective Coating	173	93	0	80	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/> 107	Corrosion	1'-6" LONG X FULL WIDTH DELAMINATED STEEL WITH 15/32" REMAINING ALONG THE BOTTOM LEFT FLANGE AND 1'-6" LONG X 6" HIGH WITH 9/32" REMAINING ALONG THE WEB IN SPAN 4 AT BENT 4	2	2		Feet
<input type="checkbox"/> 107	Corrosion	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 30% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	38		Feet
<input checked="" type="checkbox"/> 107	Corrosion	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	40		Feet
<input type="checkbox"/> 107	Damage	1'-4" LONG X 9 1/2" HIGH X 5" WIDE DELAMINATED AREA IN THE END DIAPHRAGM IN THE EAST OVERHANG IN SPAN 4 AT BENT 4	2			Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	1'-6" LONG X FULL WIDTH DELAMINATED STEEL WITH 15/32" REMAINING ALONG THE BOTTOM LEFT FLANGE AND 1'-6" LONG X 6" HIGH WITH 9/32" REMAINING ALONG THE WEB IN SPAN 4 AT BENT 4	4	4	4	Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 30% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	52	52	Square Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	80	80	Square Feet

General Comments

2'-6" LONG X 11" HIGH X FULL WIDTH X 1/2" THICK REPAIR PLATE IN THE WEB AND BOTTOM FLANGE OF BEAM 5 IN SPAN 3 AT BENT 2; 2'-6" LONG X 11" HIGH X FULL WIDTH X 1/2" THICK REPAIR PLATE IN THE WEB AND BOTTOM FLANGE OF BEAM 5 IN SPAN 4 AT BENT 4

Span 3 Near Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 3 Far Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input type="checkbox"/> 316	Corrosion	DELAMINATED STEEL WITH 1/32" SECTION LOSS THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	DELAMINATED STEEL WITH 1/32" SECTION LOSS THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	4	1	1 Square Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet

General Comments

Span 3 Bent 3 Intermediate Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 4 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	627	594	33	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/> 12	Cracking (RC and Other)	INTERMITTENT FULL WIDTH X 1/32" WIDE TRANSVERSE CRACKS WITH EFFLORESCENCE IN THE UNDERSIDE OF THE DECK AT 1' TO 3' SPACING	2	615		Square Feet
<input checked="" type="checkbox"/> 12	Cracking (RC and Other)	SCATTERED HAIRLINE TRANSVERSE CRACKS UP TO FULL WIDTH WITH SOME EFFLO IN BOTTOM OF DECK	2	18	18	Square Feet
<input checked="" type="checkbox"/> 12	Delamination/Spall	(3) SPALLS UP TO 3" DIAMETER x 1" DEEP WITH REBAR VISIBLE AND ADJACENT 8" DIAMETER AREA OF DELAMINATION IN BOTTOM OF LEFT OVERHANG 4' FROM BENT 3.	2	2	2	Square Feet
<input checked="" type="checkbox"/> 12	Delamination/Spall	12" x 8" AREA OF DELAMINATION BOTTOM OF RIGHT OVERHANG 4' FROM BENT 3	2	1	1	Square Feet
<input type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 1 AT BENT 3	2	2		Square Feet
<input type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 1 AT BENT 4	2	2		Square Feet
<input type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 2 AT BENT 3	2	2		Square Feet
<input type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 4 AT BENT 4	2	2		Square Feet
<input checked="" type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 4 AT BENTS 3 AND 4	2	4		Square Feet
<input checked="" type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAYS 1 AND 3 AT BENTS 3 AND 4	2	8		Square Feet

General Comments

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	20	0	20	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 331	Delamination/Spall	EXPOSED SURFACE COARSE AGGREGATE THROUGHOUT THE BRIDGE RAIL	2	20		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	20	20	0	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/> 331	Delamination/Spall	EXPOSED SURFACE COARSE AGGREGATE THROUGHOUT THE BRIDGE RAIL	2	20		Feet

General Comments

Span 5 Deck
Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	627	0	618	9	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 12	Delamination/Spall	(2) SPALLED AREAS WITH REBAR EXPOSED AND ADJACENT DELAMINATION. AREAS ARE UP TO 2' x 8" x 2" DEEP	3	3	3	Square Feet
<input type="checkbox"/> 12	Delamination/Spall	3'-3" WIDE X 1'-6" LONG X 2" DEEP SPALLED AREA WITH EXPOSED REINFORCEMENT IN THE UNDERSIDE OF THE DECK IN BAY 1, 3' FROM BENT 5	3	5	5	Square Feet
<input checked="" type="checkbox"/> 12	Delamination/Spall	4' x 12" x 2" DEEP SPALL WITH BROKEN REBAR EXPOSED. BOTTOM OF DECK BAY 1 NEAR MID-SPAN. "PAR"	3	4	4	Square Feet
<input checked="" type="checkbox"/> 12	Delamination/Spall	7" LONG X 7" WIDE X 1 1/2" DEEP SPALLED AREA WITH EXPOSED REINFORCEMENT IN THE UNDERSIDE OF THE DECK IN BAY 4, 7' FROM BENT 5	3	1	1	Square Feet
<input checked="" type="checkbox"/> 12	Delamination/Spall	8" x 6" x 1 1/2" DEEP SPALL WITH REBAR EXPOSED IN BOTTOM OF DECK IN BAY 3, 4' FROM BENT 5	3	1	1	Square Feet
<input checked="" type="checkbox"/> 12	Cracking (RC and Other)	INTERMITTENT FULL WIDTH X 1/32" WIDE TRANSVERSE CRACKS WITH EFFLORESCENCE IN THE UNDERSIDE OF THE DECK AT 1' TO 3' SPACING	2	606	606	Square Feet
<input type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 1 AT BENT 4	2	2		Square Feet
<input type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 2 AT BENT 4	2	2		Square Feet
<input type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 3 AT BENT 5	2	2		Square Feet
<input type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 4 AT BENT 5	2	2		Square Feet
<input checked="" type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 4 AT BENTS 4 AND 5	2	2		Square Feet
<input checked="" type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAYS 1 AND 2 AT BENT 4	2	8		Square Feet
<input checked="" type="checkbox"/> 12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAYS 1 AND 3 AT BENT 5	2	2		Square Feet

General Comments

Span 5 Wearing Surface
Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	562	544	18	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/> 510	Crack (Wearing Surface)	5' LONG X 1/16" WIDE TRANSVERSE CRACK IN THE ASPHALT WEARING SURFACE IN THE SOUTHBOUND LANE AT BENT 4	3	5	5	Square Feet

<input checked="" type="checkbox"/>	510	Crack (Wearing Surface)	SCATTERED TRANSVERSE CRACKS UP TO 1/8" WIDE OVER BENT 4	2	18	18	Square Feet
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General Comments

Span 5 Left Bridge Rail

Concrete Railing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input type="checkbox"/>	331	Delamination/Spall	EXPOSED SURFACE COARSE AGGREGATE THROUGHOUT THE BRIDGE RAIL	2	20		Feet

General Comments

Span 5 Right Bridge Rail

Concrete Railing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input checked="" type="checkbox"/>	331	Delamination/Spall	EXPOSED SURFACE COARSE AGGREGATE THROUGHOUT THE BRIDGE RAIL	2	20		Feet

General Comments

Span 5 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	10	30	0	0	Feet
515	Steel Protective Coating	173	113	0	60	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty		
<input type="checkbox"/>	107	Corrosion	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 15% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	40		Feet
<input checked="" type="checkbox"/>	107	Corrosion	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	30		Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 15% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	26	26	Square Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	60	60	Square Feet

General Comments

1'-9" LONG X 8" HIGH X 8" WIDE X 1/2" THICK REPAIR PLATE IN THE WEB AND BOTTOM FLANGE OF BEAM 1 IN SPAN 5 AT BENT 4

Span 5 Near Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1		Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	3	1	1	Square Feet

General Comments

Span 5 Far Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1		Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	3	1	1	Square Feet

General Comments

Span 5 Bent 5 Intermediate Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1		Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 1 BEARING ASSEMBLY	3	1	1	Square Feet

General Comments

Span 5 **Beam 2**
Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	40	0	40	0	0 Feet
515	Steel Protective Coating	173	93	0	80	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input type="checkbox"/> 107	Corrosion	1' LONG X FULL WIDTH DELAMINATED STEEL WITH 7/16" REMAINING (1/16" SECTION LOSS, < 25% SECTION LOSS) IN THE BOTTOM FLANGE IN SPAN 5 AT BENT 4	3	1	1 Feet
<input type="checkbox"/> 107	Corrosion	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 25% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	39	Feet
<input checked="" type="checkbox"/> 107	Corrosion	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	40	Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	1' LONG X FULL WIDTH DELAMINATED STEEL WITH 7/16" REMAINING (1/16" SECTION LOSS, < 25% SECTION LOSS) IN THE BOTTOM FLANGE IN SPAN 5 AT BENT 4	4	1	1 Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 25% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	44	44 Square Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	80	80 Square Feet

General Comments

Span 5 **Near Bearing**
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 316	Connection	RIGHT ANCHOR BOLT NUT MISSING. "PAR"	4	1	1 Each
<input type="checkbox"/> 316	Connection	MISSING ANCHOR BOLT NUT ON BOTH SIDES	3	1	2 Each
<input type="checkbox"/> 316	Corrosion	DELAMINATED STEEL WITH 1/32" SECTION LOSS THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	2		Each
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2		Each
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	DELAMINATED STEEL WITH 1/32" SECTION LOSS THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	4	1	1 Square Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet

General Comments

Span 5 Far Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/> 316	Connection	FULL CIRCUMFERENCE DETERIORATION OF BOTH ANCHOR BOLT NUTS	3	1	2	Each
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1		Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	2			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	3	1	1	Square Feet

General Comments

Span 5 Bent 5 Intermediate Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/> 316	Connection	FULL CIRCUMFERENCE DETERIORATION OF BOTH ANCHOR BOLT NUTS	3	1	2	Each
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1		Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	2			Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 2 BEARING ASSEMBLY	3	1	1	Square Feet

General Comments

Span 5 Beam 3
Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	0	39	1	0	Feet
515	Steel Protective Coating	173	172	0	1	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/> 107	Corrosion	FULL WIDTH DELAMINATED STEEL UP TO 1'-6" LONG WITH 1/4" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 4 IN SPAN 5 (PRIORITY ACTION REQUEST)	4	2	2	Feet

Structure Number: 810022

Inspection Date: 06/27/2022

<input type="checkbox"/>	107	Corrosion	1'-6" LONG X 3" HIGH AREA OF DELAMINATED STEEL WITH 1/4" REMAINING (1/16" SECTION LOSS, <25% SECTION LOSS) IN THE WEB IN SPAN 5 AT BENT 4	3		2 Feet
<input checked="" type="checkbox"/>	107	Corrosion	BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"	3	1	1 Feet
<input type="checkbox"/>	107	Corrosion	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	38	Feet
<input checked="" type="checkbox"/>	107	Corrosion	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	39	Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	1'-6" LONG X 3" HIGH AREA OF DELAMINATED STEEL WITH 1/4" REMAINING (1/16" SECTION LOSS, <25% SECTION LOSS) IN THE WEB IN SPAN 5 AT BENT 4	4	2	2 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 1'-6" LONG WITH 1/4" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 4 IN SPAN 5	4	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	35	35 Square Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet

General Comments

Span 5	Near Bearing
Other Bearing	

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Connection	ANCHOR BOLT NUT MISSING ON BOTH SIDES. "PAR"	4	1	1 Each
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2		Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 5 Far Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1		Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	3	1	1	Square Feet

General Comments

Span 5 Bent 5 Intermediate Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1		Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 3 BEARING ASSEMBLY	3	1	1	Square Feet

General Comments

Span 5 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	40	0	38	2	0	Feet
515	Steel Protective Coating	173	93	0	80	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/> 107	Corrosion	FULL WIDTH DELAMINATED STEEL UP TO 1'-6" LONG WITH 1/8" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 4 IN SPAN 5 (PRIORITY ACTION REQUEST)	4	2		2 Feet
<input type="checkbox"/> 107	Corrosion	1'-6" LONG X 3 1/2" HIGH AREA OF DELAMINATED STEEL WITH 1/4" REMAINING (1/16" SECTION LOSS, <25% SECTION LOSS) IN THE WEB AT BENT 4 IN SPAN 5	3			2 Feet

<input checked="" type="checkbox"/>	107	Corrosion	BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/8" REMAINING. AREA IS UP TO 20" LONG x FULL WIDTH. "PAR"	3	2	2	Feet
<input type="checkbox"/>	107	Corrosion	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	38		Feet
<input checked="" type="checkbox"/>	107	Corrosion	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	38		Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	1'-6" LONG X 3 1/2" HIGH AREA OF DELAMINATED STEEL WITH 1/4" REMAINING (1/16" SECTION LOSS, <25% SECTION LOSS) IN THE WEB AT BENT 4 IN SPAN 5	4	2	2	Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	FULL WIDTH DELAMINATED STEEL UP TO 1'-6" LONG WITH 1/8" REMAINING (GREATER THAN 1/16" SECTION LOSS, GREATER THAN 25% SECTION LOSS) IN THE BOTTOM FLANGE AT BENT 4 IN SPAN 5	4	2	2	Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 20% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	35	35	Square Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	80	80	Square Feet

General Comments

Span 5	Near Bearing
Other Bearing	

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Connection	BOTH ANCHOR BOLT NUTS MISSING. "PAR"	4	1	1 Each
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2		Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 5	Far Bearing
Other Bearing	

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each

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<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 5 Bent 5 Intermediate Bearing
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 4 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 5 Beam 5
Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	40	0	40	0	0 Feet
515	Steel Protective Coating	173	93	0	80	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/>	107	Corrosion	1'-8" LONG X 3" WIDE DELAMINATED STEEL WITH 15/32" REMAINING ALONG THE BOTTOM LEFT FLANGE WITH 1'-8" LONG X UP TO 1-1/2" HIGH DELAMINATED STEEL WITH 9/32" REMAINING ALONG THE WEB AT END BENT 2	2	2	Feet
<input type="checkbox"/>	107	Corrosion	2'-8" LONG X FULL WIDTH DELAMINATED STEEL WITH 15/32" REMAINING ALONG THE BOTTOM LEFT FLANGE AND 2'-8" LONG X 6" HIGH WITH 9/32" REMAINING ALONG THE WEB IN SPAN 5 AT BENT 4	2	3	Feet
<input type="checkbox"/>	107	Corrosion	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 30% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	2	35	Feet
<input checked="" type="checkbox"/>	107	Corrosion	SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB	2	40	Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	1'-8" LONG X 3" WIDE DELAMINATED STEEL WITH 15/32" REMAINING ALONG THE BOTTOM LEFT FLANGE WITH 1'-8" LONG X UP TO 1-1/2" HIGH DELAMINATED STEEL WITH 9/32" REMAINING ALONG THE WEB AT END BENT 2	4	2	2 Square Feet

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<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	2'-8" LONG X FULL WIDTH DELAMINATED STEEL WITH 15/32" REMAINING ALONG THE BOTTOM LEFT FLANGE AND 2'-8" LONG X 6" HIGH WITH 9/32" REMAINING ALONG THE WEB IN SPAN 5 AT BENT 4	4	3	3	Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	INTERMITTENT FULL LENGTH X FULL WIDTH X FULL HEIGHT SURFACE RUST AND PEELING PAINT WITH 30% PAINT LOSS IN THE TOP AND BOTTOM FLANGES AND WEB	3	52	52	Square Feet
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	80	80	Square Feet

General Comments

2'-6" LONG X 11" HIGH X FULL WIDTH X 1/2" THICK REPAIR PLATE IN THE WEB AND BOTTOM FLANGE OF BEAM 5 IN SPAN 5 AT BENT 4

Span 5 **Near Bearing**
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 5 **Far Bearing**
Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	316	Corrosion	RUST AND FLAKING	2	1	Each
<input type="checkbox"/>	316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	2	1	Each
<input checked="" type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1 Square Feet
<input type="checkbox"/>	515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	3	1	1 Square Feet

General Comments

Span 5

Bent 5 Intermediate Bearing

Other Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 316	Corrosion	RUST AND FLAKING	2	1		Each
<input type="checkbox"/> 316	Corrosion	SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	1	1	Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	SURFACE RUST THROUGHOUT THE BEAM 5 BEARING ASSEMBLY	3	1	1	Square Feet

General Comments

Span 6

Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	635	327	302	6	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/> 12	Delamination/Spall	1' LONG X 8" WIDE X 1" DEEP SPALLED AREA IN THE UNDERSIDE OF THE DECK IN BAY 1, 9' FROM END BENT 2	3	1	1	Square Feet
<input checked="" type="checkbox"/> 12	Delamination/Spall	16" DIAMETER x 2" DEEP SPALL WITH EXPOSED REBAR. BOTTOM OF DECK BAY 4 AT END BENT 2	3	2	2	Square Feet
<input type="checkbox"/> 12	Delamination/Spall	2'-4" LONG X 3'-3" WIDE X 2" DEEP SPALLED AND DELAMINATED PATCH AREA WITH EXPOSED REINFORCEMENT IN THE UNDERSIDE OF THE DECK IN BAY 4, 9' FROM END BENT 2	3	8	8	Square Feet
<input checked="" type="checkbox"/> 12	Delamination/Spall	20" x 16" AREA THAT IS CRACKED AND DELAMINATED WITH (2) SPALLS UP TO 10" x 8" x 1" DEEP. BOTTOM OF DECK IN BAY 1 NEAR MID-SPAN	3	2	2	Square Feet
<input checked="" type="checkbox"/> 12	Delamination/Spall	24" x 14" x 2" DEEP SPALL WITH EXPOSED REBAR. BOTTOM OF DECK BAY 4 NEAR MID-SPAN	3	2	2	Square Feet
<input type="checkbox"/> 12	Patched Areas	10" LONG X 1'-2" WIDE PATCHED AREA WITH A FULL WIDTH X 1/32" WIDE TRANSVERSE CRACK IN THE UNDERSIDE OF THE DECK IN BAY 3, 3' FROM END BENT 2	3	2	2	Square Feet
<input type="checkbox"/> 12	Patched Areas	2'-6" LONG X 2' WIDE X 2" DEEP SPALLED AND DELAMINATED PATCH AREA WITH EXPOSED REINFORCEMENT IN THE UNDERSIDE OF THE DECK IN BAY 4, 2' FROM END BENT 2	3	5	5	Square Feet
<input type="checkbox"/> 12	Cracking (RC and Other)	INTERMITTENT FULL WIDTH X 1/32" WIDE TRANSVERSE CRACKS WITH EFFLORESCENCE IN THE UNDERSIDE OF THE DECK AT 1' TO 3' SPACING	2	613		Square Feet
<input checked="" type="checkbox"/> 12	Cracking (RC and Other)	SCATTERED HAIRLINE TRANSVERSE CRACKS UP TO FULL WIDTH IN BOTTOM OF DECK	2	300	300	Square Feet

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<input type="checkbox"/>	12	Damage	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 2 AT BENT 5	2	2	Square Feet
<input type="checkbox"/>	12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 1 AT BENT 5	2	2	Square Feet
<input checked="" type="checkbox"/>	12	Patched Areas	1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAYS 1, 2 AND 4 AT BENT 5	2	2	Square Feet

General Comments

Span 6 **Wearing Surface**
Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
510	Wearing Surface	569	563	6	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/>	510	Crack (Wearing Surface)	1'-4" LONG X 1/8" WIDE TRANSVERSE CRACK IN THE RIGHT SHOULDER AT END BENT 2	3	2	2 Square Feet
<input checked="" type="checkbox"/>	510	Crack (Wearing Surface)	SCATTERED TRANSVERSE CRACKS UP TO 1/8" WIDE OVER END BENT 2	2	6	6 Square Feet

General Comments

Span 6 **Left Bridge Rail**
Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
331	Reinforced Concrete Bridge Railing	21	0	21	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/>	331	Delamination/Spall	1' WIDE X 1' LONG X 6" HIGH SPALLED AREA AT THE END OF THE NORTHWEST CURB AT END BENT 2	3	1	1 Feet
<input type="checkbox"/>	331	Delamination/Spall	1' WIDE X 9" LONG X 4" DEEP FRACTURE WITH EXPOSED REINFORCEMENT AT THE NORTHWEST CURB AT END BENT 2	3	1	1 Feet
<input checked="" type="checkbox"/>	331	Cracking (RC and Other)	SCATTERED HAIRLINE CRACKS IN RAIL AND CURB NEAR END BENT 2	2	2	Feet
<input checked="" type="checkbox"/>	331	Delamination/Spall	EXPOSED SURFACE COARSE AGGREGATE THROUGHOUT THE BRIDGE RAIL	2	19	21 Feet

General Comments

Span 6 **Right Bridge Rail**
Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
331	Reinforced Concrete Bridge Railing	21	20	1	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/>	331	Cracking (RC and Other)	2'-9" LONG X 1/32" WIDE VERTICAL WRAP AROUND CRACK IN THE EAST CURB, 3' FROM BENT 5	2	1	Feet
<input type="checkbox"/>	331	Delamination/Spall	EXPOSED SURFACE COARSE AGGREGATE THROUGHOUT THE BRIDGE RAIL	2	20	Feet

General Comments

Bent 1 Pile 1
Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/16" WIDE	2	1		Each

General Comments
 CONCRETE ENCASEMENT

Bent 1 Pile 2 (Crutch Bent)
Steel Cross Cap Crutch 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	173	161	0	12	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/> 225	Corrosion	FULL HEIGHT X FULL WIDTH SURFACE RUST ALONG THE CAP STIFFENER	2	1		Each
<input checked="" type="checkbox"/> 225	Corrosion	SCATTERED AREAS OF SURFACE RUST (6 FT.)	2	1		Each
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	FULL HEIGHT X FULL WIDTH SURFACE RUST ALONG THE CAP STIFFENER	3	1	1	Square Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	12	12	Square Feet

General Comments

Bent 1 Pile 3
Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/8" WIDE	2	1		Each

General Comments

Bent 1 Pile 4
Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Decay/Section Loss	17" TALL x 3" WIDE x 2" DEEP AREA OF 100% SECTION LOSS ON NORTH FACE AT LOWER CROSS-BRACE	3	1	2	Each

General Comments

Bent 1 Pile 5 (Crutch Bent)
Steel Cross Cap Crutch 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	173	149	0	24	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 225	Corrosion	SCATTERED AREAS OF SURFACE RUST (12 FT.)	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	24	24	Square Feet

General Comments

Bent 1 Pile 6
Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/> 228	Check/Shake	BENT 1, PILE 6 HAS 4 FT. OF HAIRLINE TO 1/16 INCH WIDE LONGITUDINAL CHECKS	3	1	4	Each
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/16" WIDE AND CONCRETE ENCASEMENT HAS SCATTERED CRACKS UP TO 1/8" WIDE	2	1		Each

General Comments
 CONCRETE ENCASEMENT

Bent 1 Pile 7
Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/4" WIDE	2	1		Each

General Comments

Bent 1 Pile 8 (Crutch Bent)
Steel Cross Cap Crutch 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	173	153	0	20	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 225	Corrosion	SCATTERED AREAS OF SURFACE RUST (10 FT.)	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	20	20	Square Feet

General Comments

Bent 1 **Pile 9****Timber Pile**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
228	Timber Pile	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/16" WIDE	2	1	Each

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	27	20	4	3	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input type="checkbox"/> 234	Cracking (RC and Other)	2' LONG X 1/16" WIDE HORIZONTAL CRACK IN THE NORTH FACE OF THE CAP BELOW BEAM 4	3	2	2 Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	12" x 6" x 2" DEEP SPALL IN BOTTOM NORTHWEST CORNER	3	1	1 Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	BOTTOM SOUTHWEST CORNER HAS A 14" x 10" x UP TO 7" DEEP SPALL WITH (2) MAIN REBAR EXPOSED. "PAR" ISSUED	3	2	2 Feet
<input type="checkbox"/> 234	Delamination/Spall	FULL WIDTH SPALLED AREA UP TO 1'-2" LONG X 9" HIGH WITH EXPOSED REINFORCEMENT IN THE NORTH AND SOUTH FACES AT THE WEST END (PRIORITY ACTION REQUEST)	3	2	2 Feet
<input type="checkbox"/> 234	Delamination/Spall	1'-10" LONG X 6" HIGH DELAMINATED AREA IN THE SOUTH FACE OF THE CAP BELOW BEAM 3	2	2	Feet
<input type="checkbox"/> 234	Delamination/Spall	1'-6" LONG X 11" HIGH DELAMINATED AREA IN THE SOUTH FACE OF THE CAP BELOW BEAM 2	2	2	Feet
<input checked="" type="checkbox"/> 234	Delamination/Spall	SOUTH FACE UNDER BEAM 2 HAS A 12" x 20" AREA THAT IS CRACKED AND DELAMINATED. SIMILAR AREA SOUTH FACE UNDER BEAM 3	2	4	4 Feet

General Comments

Bent 2 **Pile 1****Timber Pile**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
228	Timber Pile	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/4" WIDE	2	1	Each

General Comments

Bent 2 Pile 2 (Crutch Bent)

Steel Cross Cap Crutch 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	173	145	0	28	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/> 225	Corrosion	FULL HEIGHT X 4" WIDE SURFACE RUST AND PEELING PAINT ALONG THE SOUTH FACE OF THE SOUTH PILE	2			Each
<input type="checkbox"/> 225	Corrosion	FULL HEIGHT X FULL WIDTH SURFACE RUST ALONG THE CAP STIFFENER	2	1		Each
<input checked="" type="checkbox"/> 225	Corrosion	SCATTERED AREAS OF SURFACE RUST (14 FT.)	2	1		Each
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	FULL HEIGHT X 4" WIDE SURFACE RUST AND PEELING PAINT ALONG THE SOUTH FACE OF THE SOUTH PILE	3	7	7	Square Feet
<input type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	FULL HEIGHT X FULL WIDTH SURFACE RUST ALONG THE CAP STIFFENER	3	1	1	Square Feet
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	28	28	Square Feet

General Comments

Bent 2 Pile 3

Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/8" WIDE	2			Each
<input checked="" type="checkbox"/> 228	Decay/Section Loss	30" TALL x 3" WIDE x 1/2" DEEP AREA OF DECAY IN SOUTH FACE AT TOP	2	1		Each

General Comments

Bent 2 Pile 4

Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 3/8" WIDE	3		1	Each
<input checked="" type="checkbox"/> 228	Decay/Section Loss	24" TALL x 8" WIDE x 3" DEEP AREA OF DECAY IN SOUTH FACE AT LOWER CROSS-BRACE. "PAR" ISSUED	3	1	2	Each

General Comments

Bent 2 Pile 5 (Crutch Bent)

Steel Cross Cap Crutch 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	173	153	0	20	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 225	Corrosion	SCATTERED AREAS OF SURFACE RUST (10 FT.)	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	20	20	Square Feet

General Comments

Bent 2 Pile 6

Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/16" WIDE	2			Each
<input checked="" type="checkbox"/> 228	Decay/Section Loss	18" TALL x 3" WIDE x 1 1/2" DEEP AREA OF DECAY IN SOUTH FACE AT LOWER CROSS-BRACE.	2	1		Each

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	31	25	6	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 234	Cracking (RC and Other)	SCATTERED HAIRLINE VERTICAL CRACKS	2	6		Feet

General Comments

Bent 2 Abutment

Reinforced Concrete Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	33	24	9	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 215	Cracking (RC and Other)	SCATTERED AREAS OF HAIRLINE MAP CRACKING	2	9		Feet

General Comments

Bent 2

Pile 7

Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Decay/Section Loss	5' HIGH x 1/2 CIRCUMFERENCE OF DELAMINATION WITH HOLLOW SOUND IN EAST FACE FROM TOP DOWN. "PAR" ISSUED	3	1	5	Each
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/4" WIDE	2			Each

General Comments

Bent 2

Pile 8 (Crutch Bent)

Steel Cross Cap Crutch 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	173	157	0	16	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 225	Corrosion	SCATTERED AREAS OF SURFACE RUST (8 FT.)	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	16	16	Square Feet

General Comments

Bent 2

Pile 9

Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input type="checkbox"/> 228	Check/Shake	PILE 8 AT BENT 2 HAS 8 FT. OF HAIRLINE TO 1/8 IN. WIDE LONGITUDINAL CHECKS	3		8	Each
<input checked="" type="checkbox"/> 228	Decay/Section Loss	2' TALL x 1/2 CIRCUMFERENCE x 3" DEEP AREA OF HEAVY DECAY ON SOUTH FACE AT LOWER CROSS-BRACE. "PAR"	3	1	2	Each
<input type="checkbox"/> 228	Decay/Section Loss	BENT 2, PILE 9 HAS A AREA OF DECAY IN THE NORTH FACE, 2 FT. HIGH X 7 IN. WIDE X 1.5 IN. DEEP, STARTING 4 FT. BELOW THE BOTTOM OF THE CAP	3	1	2	Each
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/4" WIDE	2			Each

General Comments

Bent 3 Pile 1**Timber Pile**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
228	Timber Pile	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/8" WIDE	2	1	Each

General Comments

Bent 3 Pile 2 (Crutch Bent)**Steel Cross Cap Crutch 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	173	153	0	20	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 225	Corrosion	SURFACE RUST (10 FT.)	2	1	Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	20	20 Square Feet

General Comments

Bent 3 Pile 3**Timber Pile**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
228	Timber Pile	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/8" WIDE	2	1	Each
<input checked="" type="checkbox"/> 228	Decay/Section Loss	36" TALL x 2" WIDE x 1/4" DEEP AREA OF DECAY ON SOUTH FACE BELOW CROSS-BRACE	2		Each

General Comments

Bent 3 Pile 4**Timber Pile**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
228	Timber Pile	1	0	1	0	0 Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/8" WIDE. CONCRETE ENCASEMENT HAS SCATTERED CRACKS UP TO 1/4" WIDE.	2	1	Each

General Comments

Bent 3 Pile 5 (Crutch Bent)**Steel Cross Cap Crutch 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	173	145	0	28	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 225	Corrosion	SURFACE RUST (14 FT.)	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	28	28	Square Feet

General Comments

Bent 3 Pile 6**Timber Pile**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Decay/Section Loss	28" x 5" x 4" DEEP AREA OF DECAY ON NORTH FACE OF LOWER CROSS-BRACE. "PAR"	3	1	3	Each
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/16" WIDE	2			Each

General Comments

Bent 3 Pile 7**Timber Pile**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/8" WIDE	2	1		Each

General Comments

Bent 3 Pile 8 (Crutch Bent)**Steel Cross Cap Crutch 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	173	141	0	32	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 225	Corrosion	SURFACE RUST (16 FT.)	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	32	32	Square Feet

General Comments

Bent 3 Pile 9
Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Decay/Section Loss	23" x 6" x 2" DEEP AREA OF DECAY IN SOUTH FACE AND LOWER CROSS-BRACE. "PAR"	3		2	Each
<input checked="" type="checkbox"/> 228	Decay/Section Loss	4' x 9" x 3" DEEP AREA OF DECAY NORTH FACE OF LOWER CROSS-BRACE. "PAR"	3	1	4	Each
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/4" WIDE	2			Each

General Comments

Bent 4 Pile 1
Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/8" WIDE	2			Each
<input checked="" type="checkbox"/> 228	Decay/Section Loss	30" x 2 1/2" x 1 1/2" DEEP AREA OF DECAY IN WEST FACE 2' BELOW CAP	2	1		Each

General Comments

Bent 4 Pile 2 (Crutch Bent)
Steel Cross Cap Crutch 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	173	149	0	24	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 225	Corrosion	SURFACE RUST (12 FT.)	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	24	24	Square Feet

General Comments

Bent 4 Pile 3
Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/8" WIDE	2	1		Each

General Comments

Bent 4 Pile 4
Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Decay/Section Loss	SOUTH FACE HAS A AREA OF DECAY WITH ADJACENT HOLLOW SOUNDS. AREA IS: FROM BOTTOM OF CAP DOWN 6' x 10" x 3" DEEP. "PAR"	3	1	6	Each
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/8" WIDE	2			Each

General Comments

Bent 4 Pile 5 (Crutch Bent)
Steel Cross Cap Crutch 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	173	157	0	16	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 225	Corrosion	SURFACE RUST (8 FT.)	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	16	16	Square Feet

General Comments

Bent 4 Pile 6
Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/4" WIDE	2	1		Each

General Comments

Bent 4 Pile 7
Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/4" WIDE	2	1		Each

General Comments

Bent 4 Pile 8 (Crutch Bent)

Steel Cross Cap Crutch 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	173	145	0	28	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 225	Corrosion	SURFACE RUST (14 FT.)	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	28	28	Square Feet

General Comments

Bent 4 Pile 9

Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/8" WIDE AND A CONCRETE ENCASEMENT THAT HAS SCATTERED CRACKS UP TO 1/4" WIDE	2	1		Each

General Comments

Bent 5 Pile 1

Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/8" WIDE	2	1		Each

General Comments

Bent 5 Pile 2 (Crutch Bent)

Steel Cross Cap Crutch 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	173	145	0	28	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 225	Corrosion	SURFACE RUST (14 FT.)	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	28	28	Square Feet

General Comments

Bent 5 Pile 3

Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/8" WIDE	2	1		Each

General Comments

Bent 5 Pile 4

Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Decay/Section Loss	SOUTH FACE FROM BOTTOM OF CAP DOWN 5' x 1/2 CIRCUMFERENCE IS HOLLOW SOUNDING WITH A 10" x 1 1/2" x 2" DEEP AREA OF DECAY	3	1	5	Each

General Comments

Bent 5 Pile 5 (Crutch Bent)

Steel Cross Cap Crutch 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	173	153	0	20	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 225	Corrosion	SURFACE RUST (10 FT.)	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	3	20	20	Square Feet

General Comments

Bent 5 Pile 6

Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Decay/Section Loss	SOUTH AND NORTH FACE 4' BELOW CAP HAS AREAS OF DECAY UP TO 19" x 8" x 3" DEEP. "PAR"	3	1	2	Each
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/8" WIDE	2			Each

General Comments

Bent 5 Pile 7

Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/8" WIDE WITH A CONCRETE ENCASEMENT ON EAST FACE THAT HAS A FULL HEIGHT x 1/4" WIDE CRACK	2	1		Each

General Comments

Bent 5 Pile 8 (Crutch Bent)

Steel Cross Cap Crutch 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	173	149	24	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 225	Corrosion	SURFACE RUST (12 FT.)	2	1		Each
<input checked="" type="checkbox"/> 515	Effectiveness (Steel Protective Coatings)	LIMITED EFFECTIVENESS	2	24	24	Square Feet

General Comments

Bent 5 Pile 9

Timber Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
228	Timber Pile	1	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
<input checked="" type="checkbox"/> 228	Decay/Section Loss	12" TALL x FULL CIRCUMFERENCE x 2" DEEP AREA OF DECAY. 16" ABOVE GROUNDLINE. "PAR"	3	1	1	Each
<input checked="" type="checkbox"/> 228	Check/Shake	SCATTERED CHECKS UP TO 1/4" WIDE	2			Each

General Comments

Elements Verified

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	635
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	40
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	40
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	21
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	21
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	569
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Bent 1 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Bent 1 Intermediate 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	Bent 1 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 1	Bent 1 Intermediate 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	Bent 1 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	627
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	20
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	20
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	562
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	627
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	40
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	40
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	40
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	40
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	40
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	20
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	20
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	562
Span 3	Near Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Bent 3 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 3	Bent 3 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 3	Far Bearing	Other Bearing	Other Bearings	1

Elements Verified

Location	Name	Component	Element Name	Amount
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	Bent 3 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 3	Bent 3 Intermediate 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	Bent 3 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	627
Span 4	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	20
Span 4	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	20
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	562
Span 5	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	627
Span 5	Beam 1	Plate Girder	Steel Open Girder/Beam	40
Span 5	Beam 2	Plate Girder	Steel Open Girder/Beam	40
Span 5	Beam 3	Plate Girder	Steel Open Girder/Beam	40
Span 5	Beam 4	Plate Girder	Steel Open Girder/Beam	40
Span 5	Beam 5	Plate Girder	Steel Open Girder/Beam	40
Span 5	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	20
Span 5	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	20
Span 5	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	562
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Bent 5 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 5	Bent 5 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Bent 5 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 5	Bent 5 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Bent 5 Intermediate Bearing	Other Bearing	Other Bearings	1
Span 6	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	635
Span 6	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	21
Span 6	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	21
Span 6	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	569

Elements Verified

Location	Name	Component	Element Name	Amount
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	27
Bent 1	Pile 1	Timber Pile	Timber Pile	1
Bent 1	Pile 2 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 1	Pile 3	Timber Pile	Timber Pile	1
Bent 1	Pile 4	Timber Pile	Timber Pile	1
Bent 1	Pile 5 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 1	Pile 6	Timber Pile	Timber Pile	1
Bent 1	Pile 7	Timber Pile	Timber Pile	1
Bent 1	Pile 8 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 1	Pile 9	Timber Pile	Timber Pile	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	31
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	33
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	27
Bent 2	Pile 1	Timber Pile	Timber Pile	1
Bent 2	Pile 2 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 2	Pile 3	Timber Pile	Timber Pile	1
Bent 2	Pile 4	Timber Pile	Timber Pile	1
Bent 2	Pile 5 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 2	Pile 6	Timber Pile	Timber Pile	1
Bent 2	Pile 7	Timber Pile	Timber Pile	1
Bent 2	Pile 8 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 2	Pile 9	Timber Pile	Timber Pile	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	31
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	33
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	27
Bent 3	Pile 1	Timber Pile	Timber Pile	1
Bent 3	Pile 2 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 3	Pile 3	Timber Pile	Timber Pile	1
Bent 3	Pile 4	Timber Pile	Timber Pile	1
Bent 3	Pile 5 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 3	Pile 6	Timber Pile	Timber Pile	1
Bent 3	Pile 7	Timber Pile	Timber Pile	1
Bent 3	Pile 8 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 3	Pile 9	Timber Pile	Timber Pile	1
Bent 4	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	27
Bent 4	Pile 1	Timber Pile	Timber Pile	1
Bent 4	Pile 2 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 4	Pile 3	Timber Pile	Timber Pile	1
Bent 4	Pile 4	Timber Pile	Timber Pile	1
Bent 4	Pile 5 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 4	Pile 6	Timber Pile	Timber Pile	1
Bent 4	Pile 7	Timber Pile	Timber Pile	1
Bent 4	Pile 8 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 4	Pile 9	Timber Pile	Timber Pile	1
Bent 5	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	27

Elements Verified

Location	Name	Component	Element Name	Amount
Bent 5	Pile 1	Timber Pile	Timber Pile	1
Bent 5	Pile 2 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 5	Pile 3	Timber Pile	Timber Pile	1
Bent 5	Pile 4	Timber Pile	Timber Pile	1
Bent 5	Pile 5 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 5	Pile 6	Timber Pile	Timber Pile	1
Bent 5	Pile 7	Timber Pile	Timber Pile	1
Bent 5	Pile 8 (Crutch Bent)	Steel Cross Cap Crutch Pile	Steel Pile	1
Bent 5	Pile 9	Timber Pile	Timber Pile	1

National Bridge and NC Inspection Items

Structure Number: 810022

Inspection Date: 06/27/2022

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	7
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	3388	3376
Drainage System	G, F, P, or C	F	120	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	G	0	3352
Scour	G, F, P, or C	G		
Wingwall	G, F, P, or C	G	0	3350
Field Scour Evaluation		U		
Drift	G, F, P, or C	G	0	3366
Fender System	G, F, P, or C			
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Superstructure Paint Code		A		

Note: If NC SMU 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	10
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	Y
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N
Portion of Structure in > 3' of water	YES/NO	N

National Bridge and NC SMU Inspection Item Details

Structure Number: 810022

Inspection Date: 06/27/2022

Item	Superstructure - Item 59	Grade	6	Maint Code	Qty.	0
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Details CORROSION ON BEAMS AND BEARINGS

Item	Substructure - Item 60	Grade	6	Maint Code	Qty.	0
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Details DECAY IN PILES

Item	Priority Maintenance Issued	Grade	Y	Maint Code	Qty.	0
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Details BEAMS, BEARINGS AND PILES

Item	Deck Debris	Grade	F	Maint Code	3376	Qty.	3388
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Details SCATTERED AREAS OF DEBRIS ADJACENT BOTH CURBS.

Item	Drainage System	Grade	F	Maint Code	3332	Qty.	120
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Details DRAINAGE AFFECTED BY DECK DEBRIS



SCATTERED AREAS OF DEBRIS ADJACENT BOTH CURBS. TOTAL MAINTENANCE QUANTITY IS: 3388 Sq. Ft.



Span 1 Wearing Surface: SCATTERED TRANSVERSE CRACKS UP TO 1/8" WIDE OVER END BENT 1



Span 1 Left Bridge Rail: SCATTERED HAIRLINE CRACKS IN FACE AND TOP OF CURB



Span 1 Left Bridge Rail: 3" x 1" x 1/4" DEEP SPALL IN FACE OF CURB WITH RUST STAINS VISIBLE. 12' FROM END BENT 1



Span 2 Wearing Surface: SCATTERED TRANSVERSE CRACKS UP TO 1/8" WIDE OVER BENT 2



Span 2 Right Bridge Rail: SCATTERED SPALLS UP TO 4" x 3" x 1/2" DEEP IN FACE OF RAIL AND POST



Span 2 Left Bridge Rail: (2) SPALLS IN FACE OF CURB WITH REBAR VISIBLE NEAR BENT 1. AREAS ARE 3" x 1" x 1/4" DEEP



Span 3 Left Bridge Rail: EXPOSED SURFACE COARSE AGGREGATE THROUGHOUT THE BRIDGE RAIL



Span 6 Left Bridge Rail: SCATTERED HAIRLINE CRACKS IN RAIL AND CURB NEAR END BENT 2



Span 6 Right Bridge Rail: 2'-9" LONG X 1/32" WIDE VERTICAL WRAP AROUND CRACK IN THE EAST CURB, 3' FROM BENT 5



Span 1 Deck: 2' LONG X 2'-8" WIDE X 2" DEEP SPALLED AREA WITH EXPOSED REINFORCEMENT IN THE UNDERSIDE OF THE DECK IN BAY 4, 3' FROM END BENT 1



Span 1 Deck: INTERMITTENT FULL WIDTH X 1/32" WIDE TRANSVERSE CRACKS WITH EFFLORESCENCE IN THE UNDERSIDE OF THE DECK AT 1' TO 3' SPACING



Span 1 Deck: METAL PLATE ATTACHED TO BOTTOM OF DECK IN BAYS 1, 3 AND 4 NEAR BENT 1



Bent 1 Pile 2 (Crutch Bent): SCATTERED AREAS OF SURFACE RUST (6 FT.)



Bent 1 Pile 4: 17" TALL x 3" WIDE x 2" DEEP AREA OF 100% SECTION LOSS ON NORTH FACE AT LOWER CROSS-BRACE



Bent 1 Pile 6: SCATTERED CHECKS UP TO 1/16" WIDE AND CONCRETE ENCASEMENT HAS SCATTERED CRACKS UP TO 1/8" WIDE



Bent 2 Cap 1: BOTTOM SOUTHWEST CORNER HAS A 14" x 10" x UP TO 7" DEEP SPALL WITH (2) MAIN REBAR EXPOSED. "PAR" ISSUED



Bent 2 Cap 1: 12" x 6" x 2" DEEP SPALL IN BOTTOM NORTHWEST CORNER



Bent 2 Pile 1: SCATTERED CHECKS UP TO 1/4" WIDE



Bent 2 Pile 2 (Crutch Bent): SCATTERED AREAS OF SURFACE RUST (14 FT.)



Bent 2 Pile 3: 30" TALL x 3" WIDE x 1/2" DEEP AREA OF DECAY IN SOUTH FACE AT TOP



Bent 2 Pile 4: 24" TALL x 8" WIDE x 3" DEEP AREA OF DECAY IN SOUTH FACE AT LOWER CROSS-BRACE. "PAR ISSUED



Bent 2 Pile 6: 18" TALL x 3" WIDE x 1 1/2" DEEP AREA OF DECAY IN SOUTH FACE AT LOWER CROSS-BRACE.



Bent 2 Pile 7: 5' HIGH x 1/2 CIRCUMFERENCE OF DELAMINATION WITH HOLLOW SOUND IN EAST FACE FROM TOP DOWN. "PAR" ISSUED



Bent 2 Pile 9: 2' TALL x 1/2 CIRCUMFERENCE x 3" DEEP AREA OF HEAVY DECAY ON SOUTH FACE AT LOWER CROSS-BRACE. "PAR"



Span 2 Deck: 2' DIAMETER x UP TO 3" DEEP SPALL WITH (3) REBAR EXPOSED. BOTTOM OF DECK BAY 4 AT MID-SPAN. "PAR"



Span 2 Deck: 3' WIDE x 18" LONG CRACKED AND DELAMINATED AREA IN BOTTOM OF RIGHT OVERHANG. 5' FROM BENT 2



Span 2 Deck: 6" x 3" x 1/4" DEEP SPALL WITH REBAR VISIBLE IN BOTTOM OF LEFT OVERHANG. 6' FROM BENT



Span 1 Beam 1: WEB OVER BENT 2 HAS (2) AREAS OF 100% SECTION LOSS UP TO 1 1/2" x 1". "PAR" ISSUED



Span 1 Beam 1: RIGHT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 11" LONG x 3" WIDE. "PAR" ISSUED



Span 1 Beam 1: LEFT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 18" LONG x 3" WIDE. AREA ALSO HAS 1 1/2" x 1 1/2" AREA OF 100% SECTION LOSS. "PAR" ISSUED



Span 1 Beam 1 - Far Bearing: SECTION LOSS WITH 3/4" REMAINING THRU-OUT BEARING AND LEFT ANCHOR BOLT NUT MISSING. "PAR" ISSUED



Span 1 Beam 1: SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB



Bent 2 Cap 1: SOUTH FACE UNDER BEAM 2 HAS A 12" x 20" AREA THAT IS CRACKED AND DELAMINATED.
SIMILAR AREA SOUTH FACE UNDER BEAM 3



Span 1 Beam 2: BOTTOM FLANGE AND WEB OVER BENT 2 HAS AREAS OF SECTION LOSS. WEB AREA IS: 6" LONG x 1" TALL WITH 1/4" REMAINING. BOTTOM FLANGE AREA IS: 12" LONG x FULL WIDTH WITH DOWN TO 1/4" REMAINING. "PAR"



Span 3 Beam 2: RIGHT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x 3" WIDE. "PAR"



END DIAPHRAGM OVER BENT 2 IN BAY 2. HAS A 34" LONG x 8" HIGH x 2" DEEP SPALL WITH REBAR EXPOSED



Span 1 Beam 3: BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"



Span 3 Beam 3: BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 12" LONG x FULL WIDTH. AREA ALSO HAS A 2" x 2 1/2" AREA OF 100% SECTION LOSS. "PAR"



Span 3 Beam 3: WEB OVER BENT 2 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 18" LONG x UP TO 5" HIGH. "PAR"



Span 1 Beam 4: RIGHT BOTTOM FLANGE OVER BENT 2. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x 3 1/2" WIDE. "PAR"



Span 3 Beam 4: BOTTOM FLANGE OVER BENT 2. HAS A AREA OF SECTION LOSS WITH 5/16" REMAINING. AREA IS: 12" LONG x FULL WIDTH. "PAR" ISSUED



Span 3 Deck: 1'-4" LONG X 1'-4" WIDE PATCHED AREA WITH A STEEL PLATE IN BAY 4 AT BENT 2 / SIMILAR AT BENT 3



Span 3 Deck: (3) SPALLED AREAS WITH REBAR VISIBLE IN SCATTERED LOCATIONS. BOTTOM OF LEFT OVERHANG. AREAS AREA UP TO: 10" DIAMETER x 2" DEEP



Span 3 Deck: SCATTERED HAIRLINE TRANSVERSE CRACKS UP TO FULL WIDTH WITH SOME EFFLO IN BOTTOM OF DECK



Span 3 Deck: METAL PLATE BOLTED TO BOTTOM OF DECK IN BAYS 1 AND 3 AT BENTS 2 AND 3.



Span 4 Deck: 12" x 8" AREA OF DELAMINATION BOTTOM OF RIGHT OVERHANG 4' FROM BENT 3



Span 4 Deck: (3) SPALLS UP TO 3" DIAMETER x 1" DEEP WITH REBAR VISIBLE AND ADJACENT 8" DIAMETER AREA OF DELAMINATION IN BOTTOM OF LEFT OVERHANG 4' FROM BENT 3.



Span 3 Beam 2: SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB



Span 3 Beam 2 - Far Bearing: ANCHOR BOLT NUT MISSING ON BOTH SIDES. "PAR"



Span 5 Beam 2 - Near Bearing: RIGHT ANCHOR BOLT NUT MISSING. "PAR"



Span 5 Beam 3 - Near Bearing: ANCHOR BOLT NUT MISSING ON BOTH SIDES. "PAR"



Span 5 Beam 3: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"



Span 3 Beam 3: RIGHT BOTTOM FLANGE OVER BENT 4. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 12" LONG x FULL WIDTH. "PAR"



Span 3 Beam 3 - Far Bearing: RIGHT ANCHOR BOLT NUT MISSING. "PAR"



Span 3 Beam 4: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/8" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"



Span 3 Beam 4 - Far Bearing: LEFT ANCHOR BOLT NUT MISSING. "PAR"



Span 5 Beam 4: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/8" REMAINING. AREA IS UP TO 20" LONG x FULL WIDTH. "PAR"



Span 5 Beam 4 - Near Bearing: BOTH ANCHOR BOLT NUTS MISSING. "PAR"



Span 5 Beam 2: SCATTERED AREAS OF RUST AND FLAKING IN BOTH FLANGES AND WEB



Span 5 Deck: 7" LONG X 7" WIDE X 1 1/2" DEEP SPALLED AREA WITH EXPOSED REINFORCEMENT IN THE UNDERSIDE OF THE DECK IN BAY 4, 7' FROM BENT 5



Span 5 Deck: INTERMITTENT FULL WIDTH X 1/32" WIDE TRANSVERSE CRACKS WITH EFFLORESCENCE IN THE UNDERSIDE OF THE DECK AT 1' TO 3' SPACING



Span 5 Deck: 8" x 6" x 1 1/2" DEEP SPALL WITH REBAR EXPOSED IN BOTTOM OF DECK IN BAY 3, 4' FROM BENT 5



Span 5 Deck: 4' x 12" x 2" DEEP SPALL WITH BROKEN REBAR EXPOSED. BOTTOM OF DECK BAY 1 NEAR MID-SPAN. "PAR"



Span 5 Deck: (2) SPALLED AREAS WITH REBAR EXPOSED AND ADJACENT DELAMINATION. AREAS ARE UP TO 2' x 8" x 2" DEEP



Span 6 Deck: 24" x 14" x 2" DEEP SPALL WITH EXPOSED REBAR. BOTTOM OF DECK BAY 4 NEAR MID-SPAN



Span 6 Deck: 16" DIAMETER x 2" DEEP SPALL WITH EXPOSED REBAR. BOTTOM OF DECK BAY 4 AT END BENT



Span 6 Deck: SCATTERED HAIRLINE TRANSVERSE CRACKS UP TO FULL WIDTH IN BOTTOM OF DECK



Bent 3 Pile 3: 36" TALL x 2" WIDE x 1/4" DEEP AREA OF DECAY ON SOUTH FACE BELOW CROSS-BRACE



Bent 3 Pile 4: SCATTERED CHECKS UP TO 1/8" WIDE. CONCRETE ENCASEMENT HAS SCATTERED CRACKS UP TO 1/4" WIDE.



Bent 3 Pile 6: 28" x 5" x 4" DEEP AREA OF DECAY ON NORTH FACE OF LOWER CROSS-BRACE. "PAR"



Bent 3 Pile 9: 4' x 9" x 3" DEEP AREA OF DECAY NORTH FACE OF LOWER CROSS-BRACE. "PAR"



Bent 3 Pile 9: 23" x 6" x 2" DEEP AREA OF DECAY IN SOUTH FACE AND LOWER CROSS-BRACE. "PAR"



Bent 4 Pile 1: 30" x 2 1/2" x 1 1/2" DEEP AREA OF DECAY IN WEST FACE 2' BELOW CAP



Bent 4 Pile 4: SOUTH FACE HAS A AREA OF DECAY WITH ADJACENT HOLLOW SOUNDS. AREA IS: FROM BOTTOM OF CAP DOWN 6' x 10" x 3" DEEP. "PAR"



Bent 4 Pile 7: SCATTERED CHECKS UP TO 1/4" WIDE



Bent 4 Pile 9: SCATTERED CHECKS UP TO 1/8" WIDE AND A CONCRETE ENCASEMENT THAT HAS SCATTERED CRACKS UP TO 1/4" WIDE



Bent 5 Pile 4: SOUTH FACE FROM BOTTOM OF CAP DOWN 5' x 1/2 CIRCUMFERENCE IS HOLLOW SOUNDING WITH A 10" x 1 1/2" x 2" DEEP AREA OF DECAY



Bent 5 Pile 6: SOUTH AND NORTH FACE 4' BELOW CAP HAS AREAS OF DECAY UP TO 19" x 8" x 3" DEEP. "PAR"



Bent 5 Pile 7: SCATTERED CHECKS UP TO 1/8" WIDE WITH A CONCRETE ENCASEMENT ON EAST FACE THAT HAS A FULL HEIGHT x 1/4" WIDE CRACK



Bent 5 Pile 9: 12" TALL x FULL CIRCUMFERENCE x 2" DEEP AREA OF DECAY. 16" ABOVE GROUNDLINE. "PAR"



End Bent 2 Cap 1: SCATTERED HAIRLINE VERTICAL CRACKS



End Bent 2 Abutment: SCATTERED AREAS OF HAIRLINE MAP CRACKING



Span 6 Deck: 20" x 16" AREA THAT IS CRACKED AND DELAMINATED WITH (2) SPALLS UP TO 10" x 8" x 1" DEEP.
BOTTOM OF DECK IN BAY 1 NEAR MID-SPAN

Stream Bed Soundings

(Profile diagram on following sheet)

County SAMPSON

Structure Number: 810022

Inspection Date 06/26/2022

Sounding recorded from: Top of Bridge Rail

Highwater Mark Distance 4

Location of Highwater Mark DRIFT ON CAPS

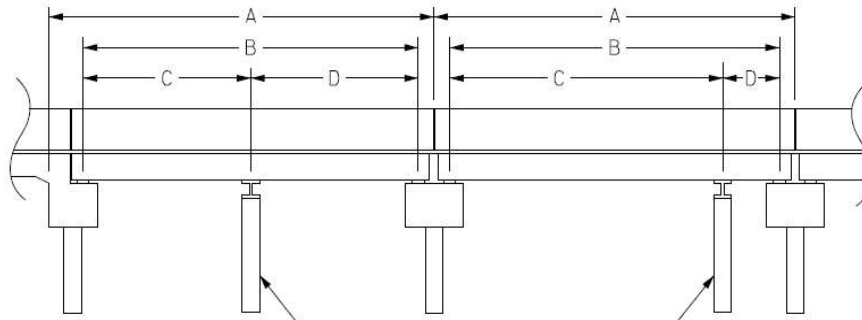
Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	2.000	0.000	TOP OF WINGWALL
1.500	4.500	0.000	TOP OF CAP
2.500	5.583	5.500	END BENT 1
6.000	5.583	0.000	
11.000	8.750	0.000	
20.250	14.333	14.333	BENT 1
25.000	14.333	0.000	
35.000	14.667	0.000	
40.250	14.500	17.500	BENT 2
51.000	17.000	0.000	WSWE
60.250	17.250	15.583	BENT 3
69.000	17.167	0.000	WSWE
80.250	16.083	13.750	BENT 4
88.000	15.583	0.000	
98.000	14.500	0.000	
100.250	13.667	14.333	BENT 5
111.000	8.250	0.000	
114.000	5.500	0.000	
117.999	5.500	5.750	END BENT 2
119.000	4.500	0.000	TOP OF CAP
120.500	2.000	0.000	TOP OF WINGWALL

Structure Data Worksheet

Span Profile

County: SAMPSON

Structure Number: 810022

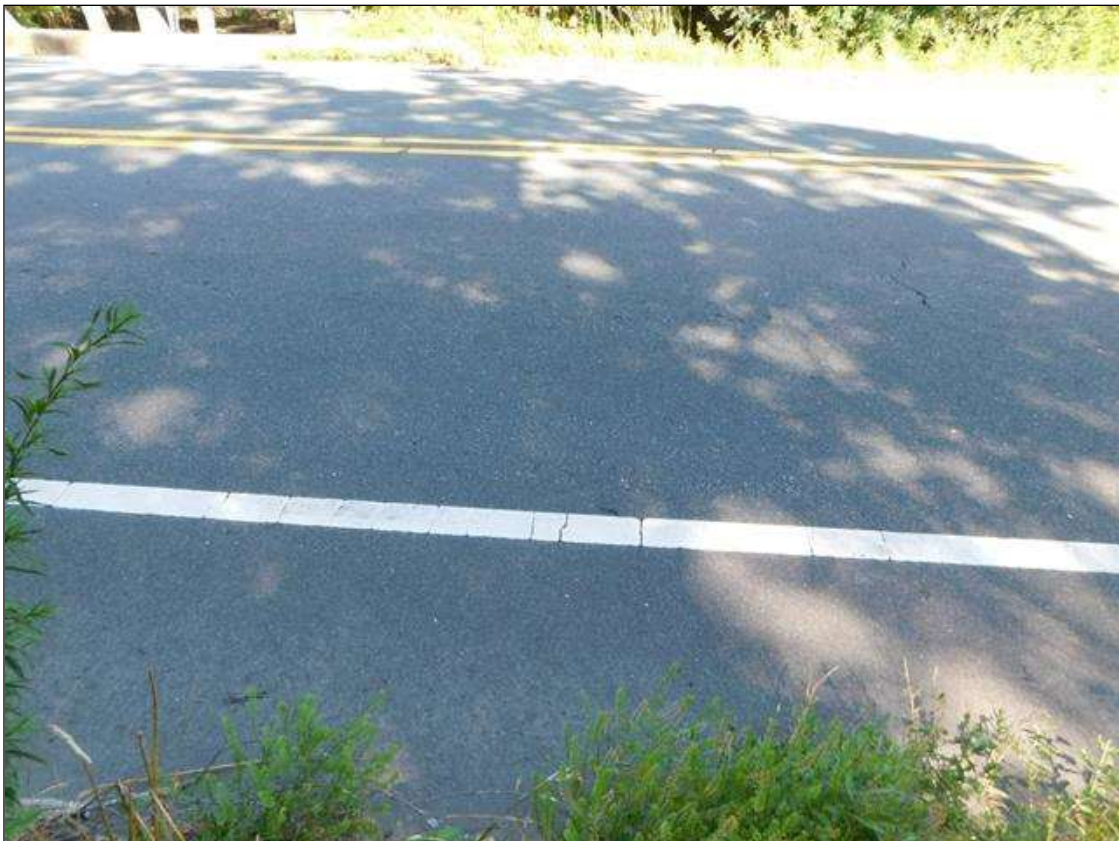


A: SPAN LENGTH
 B: BEARING TO BEARING
 C: DISTANCE FROM NEAR BEARING
 D: DISTANCE TO FAR BEARING

Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	20.250	19.500			
2	20.000	19.500			
3	20.000	19.500			
4	20.000	19.500			
5	20.000	19.500			
6	20.250	19.500			



LOOKING NORTH



APPROACH ROADWAY



WEST PROFILE



BRIDGE ID PLATE



EAST PROFILE



FROM BRIDGE LOOKING NORTH



FROM BRIDGE LOOKING SOUTH



FROM BRIDGE LOOKING WEST UPSTREAM



FROM BRIDGE LOOKING EAST DOWNSTREAM



LOOKING SOUTH



END BENT 1



END OF BENT CAP



BENT 1 / OTHERS SIMILAR



SUPER STRUCTURE



TYPICAL BEARINGS



LADDER USED FOR INSPECTION



END BENT 2










BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 810022

County SAMPSON

Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 1: WEB OVER BENT 2 HAS (2) AREAS OF 100% SECTION LOSS UP TO 1 1/2" x 1". "PAR" ISSUED	
 3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 1: RIGHT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 11" LONG x 3" WIDE. "PAR" ISSUED	
 3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 1: LEFT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 18" LONG x 3" WIDE. AREA ALSO HAS 1 1/2" x 1 1/2" AREA OF 100% SECTION LOSS. "PAR" ISSUED	
 3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 2: BOTTOM FLANGE AND WEB OVER BENT 2 HAS AREAS OF SECTION LOSS. WEB AREA IS: 6" LONG x 1" TALL WITH 1/4" REMAINING. BOTTOM FLANGE AREA IS: 12" LONG x FULL WIDTH WITH DOWN TO 1/4" REMAINING. "PAR"	
 3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 3: BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"	
 3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 4: RIGHT BOTTOM FLANGE OVER BENT 2. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x 3 1/2" WIDE. "PAR"	
 3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 2: RIGHT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x 3" WIDE. "PAR"	
 3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 3: BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 12" LONG x FULL WIDTH. AREA ALSO HAS A 2" x 2 1/2" AREA OF 100% SECTION LOSS. "PAR"	
 3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 3: WEB OVER BENT 2 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 18" LONG x UP TO 5" HIGH. "PAR"	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined













BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 810022

County SAMPSON

Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 3: RIGHT BOTTOM FLANGE OVER BENT 4. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 12" LONG x FULL WIDTH. "PAR"	
 3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 4: BOTTOM FLANGE OVER BENT 2. HAS A AREA OF SECTION LOSS WITH 5/16" REMAINING. AREA IS: 12" LONG x FULL WIDTH. "PAR" ISSUED	
 3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 4: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/8" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"	
 3314	Maintain Steel Superstructure Components	LF	1	Span 5 Beam 3: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"	
 3314	Maintain Steel Superstructure Components	LF	2	Span 5 Beam 4: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/8" REMAINING. AREA IS UP TO 20" LONG x FULL WIDTH. "PAR"	
 3326	Maintain Concrete Deck	SF	4	Span 5 Deck: 4' x 12" x 2" DEEP SPALL WITH BROKEN REBAR EXPOSED. BOTTOM OF DECK BAY 1 NEAR MID-SPAN. "PAR"	
 3334	Bridge Bearings	EA	1	Span 1 Beam 1 - Far Bearing: SECTION LOSS WITH 3/4" REMAINING THRU-OUT BEARING AND LEFT ANCHOR BOLT NUT MISSING. "PAR" ISSUED	
 3334	Bridge Bearings	EA	1	Span 3 Beam 2 - Far Bearing: ANCHOR BOLT NUT MISSING ON BOTH SIDES. "PAR"	
 3334	Bridge Bearings	EA	1	Span 3 Beam 3 - Far Bearing: RIGHT ANCHOR BOLT NUT MISSING. "PAR"	
 3334	Bridge Bearings	EA	1	Span 3 Beam 4 - Far Bearing: LEFT ANCHOR BOLT NUT MISSING. "PAR"	
 3334	Bridge Bearings	EA	1	Span 5 Beam 2 - Near Bearing: RIGHT ANCHOR BOLT NUT MISSING. "PAR"	
 3334	Bridge Bearings	EA	1	Span 5 Beam 3 - Near Bearing: ANCHOR BOLT NUT MISSING ON BOTH SIDES. "PAR"	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined












BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 810022

County SAMPSON

Date:

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3334	Bridge Bearings	EA	1	Span 5 Beam 4 - Near Bearing: BOTH ANCHOR BOLT NUTS MISSING. "PAR"	
 3344	Repair / Replace Timber Substructure Components	LF	2	Bent 2 Pile 4: 24" TALL x 8" WIDE x 3" DEEP AREA OF DECAY IN SOUTH FACE AT LOWER CROSS-BRACE. "PAR" ISSUED	
 3344	Repair / Replace Timber Substructure Components	LF	5	Bent 2 Pile 7: 5' HIGH x 1/2 CIRCUMFERENCE OF DELAMINATION WITH HOLLOW SOUND IN EAST FACE FROM TOP DOWN. "PAR" ISSUED	
 3344	Repair / Replace Timber Substructure Components	LF	2	Bent 2 Pile 9: 2' TALL x 1/2 CIRCUMFERENCE x 3" DEEP AREA OF HEAVY DECAY ON SOUTH FACE AT LOWER CROSS-BRACE. "PAR"	
 3344	Repair / Replace Timber Substructure Components	LF	3	Bent 3 Pile 6: 28" x 5" x 4" DEEP AREA OF DECAY ON NORTH FACE OF LOWER CROSS-BRACE. "PAR"	
 3344	Repair / Replace Timber Substructure Components	LF	4	Bent 3 Pile 9: 4' x 9" x 3" DEEP AREA OF DECAY NORTH FACE OF LOWER CROSS-BRACE. "PAR"	
 3344	Repair / Replace Timber Substructure Components	LF	2	Bent 3 Pile 9: 23" x 6" x 2" DEEP AREA OF DECAY IN SOUTH FACE AND LOWER CROSS-BRACE. "PAR"	
 3344	Repair / Replace Timber Substructure Components	LF	6	Bent 4 Pile 4: SOUTH FACE HAS A AREA OF DECAY WITH ADJACENT HOLLOW SOUNDS. AREA IS: FROM BOTTOM OF CAP DOWN 6' x 10" x 3" DEEP. "PAR"	
 3344	Repair / Replace Timber Substructure Components	LF	2	Bent 5 Pile 6: SOUTH AND NORTH FACE 4' BELOW CAP HAS AREAS OF DECAY UP TO 19" x 8" x 3" DEEP. "PAR"	
 3344	Repair / Replace Timber Substructure Components	LF	1	Bent 5 Pile 9: 12" TALL x FULL CIRCUMFERENCE x 2" DEEP AREA OF DECAY. 16" ABOVE GROUNDLINE. "PAR"	
 3348	Maintain Concrete Substructure Components	LF	2	Bent 2 Cap 1: BOTTOM SOUTHWEST CORNER HAS A 14" x 10" x UP TO 7" DEEP SPALL WITH (2) MAIN REBAR EXPOSED. "PAR" ISSUED	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 810022 County SAMPSON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 1 Beam 1: WEB OVER BENT 2 HAS (2) AREAS OF 100% SECTION LOSS UP TO 1 1/2" x 1". "PAR" ISSUED		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 1 Beam 1: RIGHT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 11" LONG x 3" WIDE. "PAR" ISSUED		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 810022

County SAMPSON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
<p>Span 1 Beam 1: LEFT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 18" LONG x 3" WIDE. AREA ALSO HAS 1 1/2" x 1 1/2" AREA OF 100% SECTION LOSS. "PAR" ISSUED</p>		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
<p>Span 1 Beam 2: BOTTOM FLANGE AND WEB OVER BENT 2 HAS AREAS OF SECTION LOSS. WEB AREA IS: 6" LONG x 1" TALL WITH 1/4" REMAINING. BOTTOM FLANGE AREA IS: 12" LONG x FULL WIDTH WITH DOWN TO 1/4" REMAINING. "PAR"</p>		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 810022 County SAMPSON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 1 Beam 3: BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 1 Beam 4: RIGHT BOTTOM FLANGE OVER BENT 2. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x 3 1/2" WIDE. "PAR"		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 810022

County SAMPSON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 3 Beam 2: RIGHT BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x 3" WIDE. "PAR"		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 3 Beam 3: BOTTOM FLANGE OVER BENT 2 HAS A AREA OF SECTION LOSS WITH DOWN TO KNIFE'S EDGE REMAINING. AREA IS: 12" LONG x FULL WIDTH. AREA ALSO HAS A 2" x 2 1/2" AREA OF 100% SECTION LOSS. "PAR"		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 810022 County SAMPSON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 3 Beam 3: WEB OVER BENT 2 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 18" LONG x UP TO 5" HIGH. "PAR"		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 3 Beam 3: RIGHT BOTTOM FLANGE OVER BENT 4. HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 12" LONG x FULL WIDTH. "PAR"		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 810022 County SAMPSON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 3 Beam 4: BOTTOM FLANGE OVER BENT 2. HAS A AREA OF SECTION LOSS WITH 5/16" REMAINING. AREA IS: 12" LONG x FULL WIDTH. "PAR" ISSUED		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 3 Beam 4: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/8" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 810022

County SAMPSON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 5 Beam 3: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH 1/4" REMAINING. AREA IS: 10" LONG x FULL WIDTH. "PAR"		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 5 Beam 4: BOTTOM FLANGE OVER BENT 4 HAS A AREA OF SECTION LOSS WITH DOWN TO 1/8" REMAINING. AREA IS UP TO 20" LONG x FULL WIDTH. "PAR"		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 810022 County SAMPSON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3326	Maintain Concrete Deck	4 SF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 5 Deck: 4' x 12" x 2" DEEP SPALL WITH BROKEN REBAR EXPOSED. BOTTOM OF DECK BAY 1 NEAR MID-SPAN. "PAR"		

MMS Code	MMS Description	Quantity
3334	Bridge Bearings	1 EA
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 1 Beam 1 - Far Bearing: SECTION LOSS WITH 3/4" REMAINING THRU-OUT BEARING AND LEFT ANCHOR BOLT NUT MISSING. "PAR" ISSUED		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 810022 County SAMPSON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3334	Bridge Bearings	1 EA
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 3 Beam 2 - Far Bearing: ANCHOR BOLT NUT MISSING ON BOTH SIDES. "PAR"		

MMS Code	MMS Description	Quantity
3334	Bridge Bearings	1 EA
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 3 Beam 3 - Far Bearing: RIGHT ANCHOR BOLT NUT MISSING. "PAR"		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 810022 County SAMPSON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3334	Bridge Bearings	1 EA
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 3 Beam 4 - Far Bearing: LEFT ANCHOR BOLT NUT MISSING. "PAR"		

MMS Code	MMS Description	Quantity
3334	Bridge Bearings	1 EA
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 5 Beam 2 - Near Bearing: RIGHT ANCHOR BOLT NUT MISSING. "PAR"		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 810022 County SAMPSON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3334	Bridge Bearings	1 EA
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 5 Beam 3 - Near Bearing: ANCHOR BOLT NUT MISSING ON BOTH SIDES. "PAR"		

MMS Code	MMS Description	Quantity
3334	Bridge Bearings	1 EA
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Span 5 Beam 4 - Near Bearing: BOTH ANCHOR BOLT NUTS MISSING. "PAR"		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 810022 County SAMPSON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Bent 2 Pile 4: 24" TALL x 8" WIDE x 3" DEEP AREA OF DECAY IN SOUTH FACE AT LOWER CROSS-BRACE. "PAR" ISSUED		

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	5 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Bent 2 Pile 7: 5' HIGH x 1/2 CIRCUMFERENCE OF DELAMINATION WITH HOLLOW SOUND IN EAST FACE FROM TOP DOWN. "PAR" ISSUED		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 810022

County SAMPSON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Bent 2 Pile 9: 2' TALL x 1/2 CIRCUMFERENCE x 3" DEEP AREA OF HEAVY DECAY ON SOUTH FACE AT LOWER CROSS-BRACE. "PAR"		

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	3 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Bent 3 Pile 6: 28" x 5" x 4" DEEP AREA OF DECAY ON NORTH FACE OF LOWER CROSS-BRACE. "PAR"		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 810022 County SAMPSON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	4 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Bent 3 Pile 9: 4' x 9" x 3" DEEP AREA OF DECAY NORTH FACE OF LOWER CROSS-BRACE. "PAR"		

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Bent 3 Pile 9: 23" x 6" x 2" DEEP AREA OF DECAY IN SOUTH FACE AND LOWER CROSS-BRACE. "PAR"		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 810022 County SAMPSON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	6 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Bent 4 Pile 4: SOUTH FACE HAS A AREA OF DECAY WITH ADJACENT HOLLOW SOUNDS. AREA IS: FROM BOTTOM OF CAP DOWN 6' x 10" x 3" DEEP. "PAR"		

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Bent 5 Pile 6: SOUTH AND NORTH FACE 4' BELOW CAP HAS AREAS OF DECAY UP TO 19" x 8" x 3" DEEP. "PAR"		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 810022

County SAMPSON

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	1 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Bent 5 Pile 9: 12" TALL x FULL CIRCUMFERENCE x 2" DEEP AREA OF DECAY. 16" ABOVE GROUNDLINE. "PAR"		

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	2 LF
Location:		
Bent/Span No.		
Priority Level	Status	
	Request Awaiting Assignment	
Submitted Date:	Submitted By:	Assisted By:
06/27/2022	TIM EARP	
Details		
Bent 2 Cap 1: BOTTOM SOUTHWEST CORNER HAS A 14" x 10" x UP TO 7" DEEP SPALL WITH (2) MAIN REBAR EXPOSED. "PAR" ISSUED		

Bridge Inspection Field Sketch



Roadway	22.00ft Wide	2 Paved Lanes	Looking North
Left Shoulder	8.50ft Wide	2.50ft Paved	6.00ft Unpaved
Right Shoulder	7.50ft Wide	1.50ft Paved	6.00ft Unpaved
Left Guardrail			
Right Guardrail			

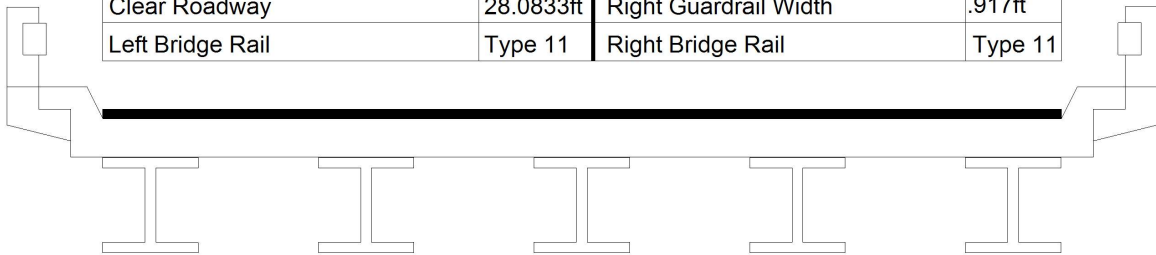
UPDATED BY TSE 6/27/22

MEASUREMENTS MODIFIED BY MA ON 6/3/20
 MEASUREMENTS VERIFIED BY RAP 6/26/18
 VERIFIED 6/21/16 MSW
 MEASUREMENTS VERIFIED BY RLK 6/9/14
 VERIFIED BY RGM ON 6-20-12

Title Approach Roadway		Description Looking North	
Bridge No: 810022	Drawn By: CLS	Date: 06/06/2006	File Name: S0234000519

Bridge Inspection Field Sketch

Deck Width/Out to Out	33.417ft	Wearing Surface	0.125ft
Between Rails	31.25ft	Median Width	
Curb Height	*0.667ft	Median Height	
Top Rail to Deck/Wearing Surface	2.625ft	Left Guardrail Width	.917ft
Clear Roadway	28.0833ft	Right Guardrail Width	.917ft
Left Bridge Rail	Type 11	Right Bridge Rail	Type 11



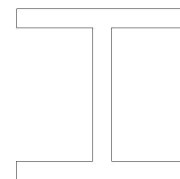
Measurements for Span #	2		
Deck Thickness	0.54167	Left Overhang	4.042
Top of Rail to Bottom of Beam	4.50ft	Right Overhang	4.042

Beam No	Beam Type	Spacing	Comments
1	Steel I Beam	6.333ft	
2	Steel I Beam	6.333ft	
3	Steel I Beam	6.333ft	
4	Steel I Beam	6.333ft	
5	Steel I Beam		

* - MODIFIED

RESURFACED WITH NO CHANGE TO ASPHALT WEARING SURFACE THICKNESS

W 16 X 40



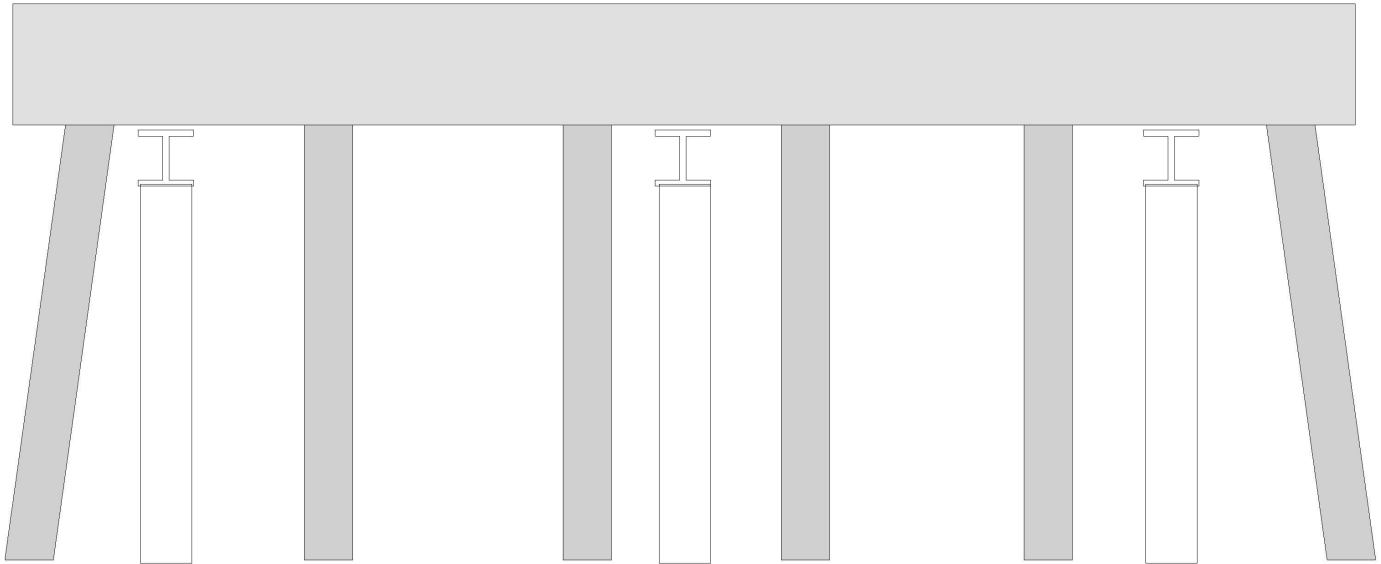
FLANGE = 7" WIDE X 1/2" THICK
 WEB = 5/16" THICK
 DEPTH = 16" HIGH

UPDATED BY TSE 6/27/22

MEASUREMENTS MODIFIED BY MA ON 6/3/20
 MEASUREMENTS MODIFIED BY RAP 6/26/18
 VERIFIED BY RGM ON 6-20-12
 MEASUREMENTS VERIFIED BY RLK 6/9/14
 VERIFIED 6/21/16 MSW

Title SUPERSTRUCTURE		Description 5 Lines of Steel I Beams	
Bridge No: 810022	Drawn By: CLS	Date: 06/06/2006	File Name: S0234000520

Bridge Inspection Field Sketch

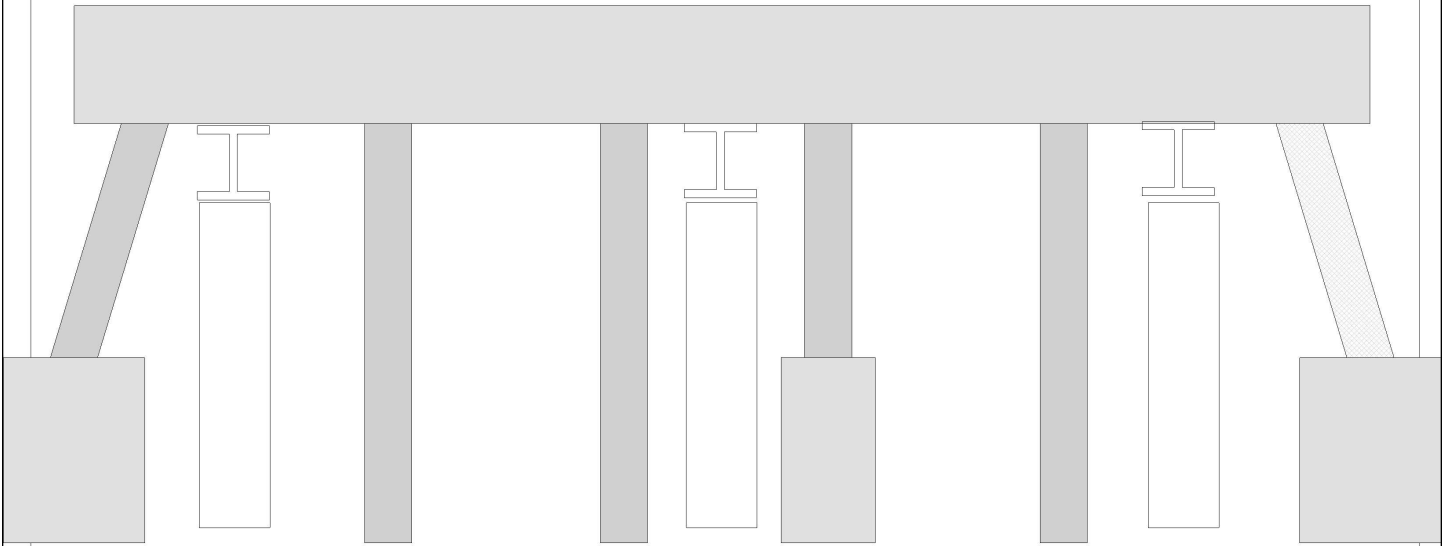


Cap Information			Material Cast-in-Place Concrete							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
27.667 ft.	2.500 ft.	2.500 ft.	1.583 ft.	1.333 ft.	1.167 ft.	1.167 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	2.25 ft.	1.00 ft.			Battered	Yes	No	No	No
2	Steel	2.67 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
3	Timber	5.33 ft.	1.00 ft.			Vertical	Yes	No	No	No
4	Timber	2.33 ft.	1.00 ft.			Vertical	Yes	No	No	No
5	Steel	2.17 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
6	Timber	5.00 ft.	1.00 ft.			Vertical	Yes	No	No	No
7	Timber	2.50 ft.	1.00 ft.			Vertical	Yes	No	No	No
8	Steel	2.50 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
9	Timber		1.00 ft.			Battered	Yes	No	No	No
12 INCH H-PILES AT 5'-6" CENTERS										
UPDATED BY TSE 6/27/22										
MEASUREMENTS VERIFIED BY MA ON 6/3/20										
MEASUREMENTS MODIFIED BY RAP 6/26/18										
SKETCH REDRAWN 6/21/16 MSW										

Bent/Abutment #: 2 Similar Bents:

Title			Description				
SUBSTRUCTURE			BENT 2				
Bridge No:	810022	Drawn By:	CLS	Date:	06/06/2006	File Name:	S0234000521

Bridge Inspection Field Sketch



Cap Information			Material Cast-in-Place Concrete							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
27.500 ft.	2.50 ft.	2.50 ft.	1.50 ft.	1.50 ft.	1.083 ft.	1.083 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	2.4167 ft.	1.00ft.			Battered	Yes	No	No	Yes
2	Steel	2.75 ft.	1.00ft.	1.00ft.		Vertical	Yes	Yes	No	No
3	Timber	5.00 ft.	1.00ft.			Vertical	Yes	No	No	No
4	Timber	1.9167 ft.	1.00ft.			Vertical	Yes	No	No	No
5	Steel	2.4167 ft.	1.00ft.	1.00ft.		Vertical	Yes	Yes	No	No
6	Timber	5.00 ft.	1.00ft.			Vertical	Yes	No	No	Yes
7	Timber	2.333 ft.	1.00ft.			Vertical	Yes	No	No	No
8	Steel	2.67 ft.	1.00ft.	1.00ft.		Vertical	Yes	Yes	No	No
9	Timber		1.00ft.			Battered	No	No	No	Yes

12 INCH PILES AT 5'-6" CENTERS

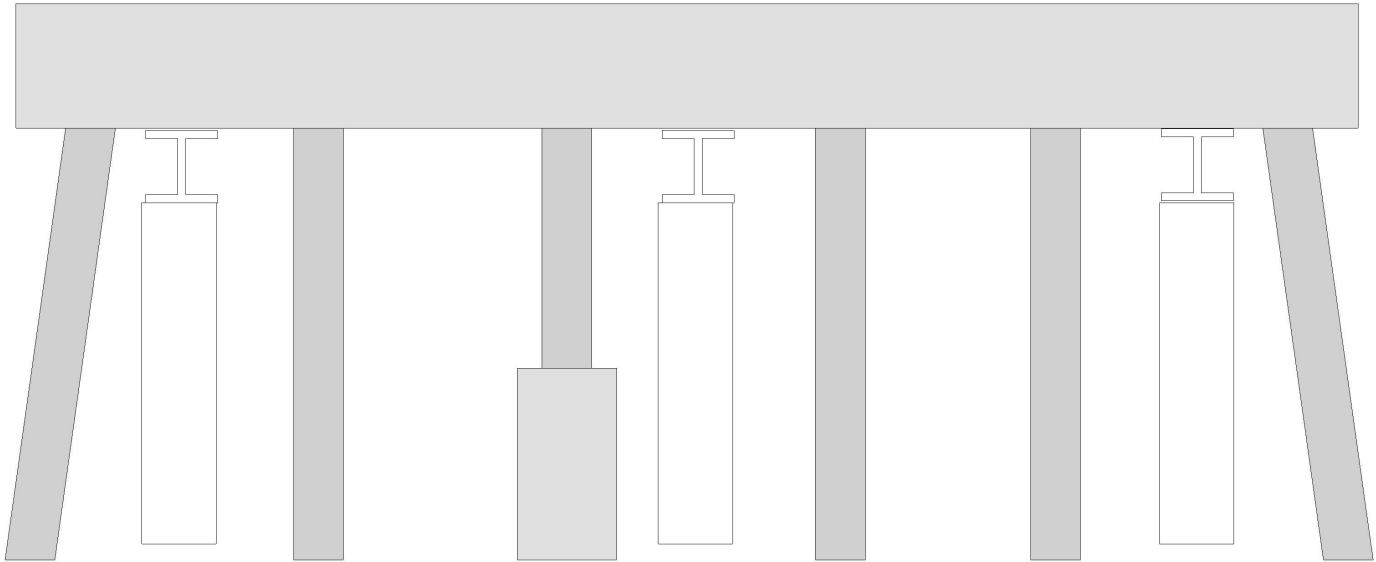
UPDATED BY TSE 6/27/22

MEASUREMENTS VERIFIED BY MA ON 6/3/20
 MEASUREMENTS MODIFIED BY RAP 6/26/18
 SKETCH REDRAWN 6/21/16 MSW
 VERIFIED BY RGM ON 6-20-12

Bent/Abutment #: 1 Similar Bents:

Title	Description
SUBSTRUCTURE BENT 1	LOOKING NORTH
Bridge No: 810022	Drawn By: RGM
Date: 6/11/2010	File Name: S0042061420

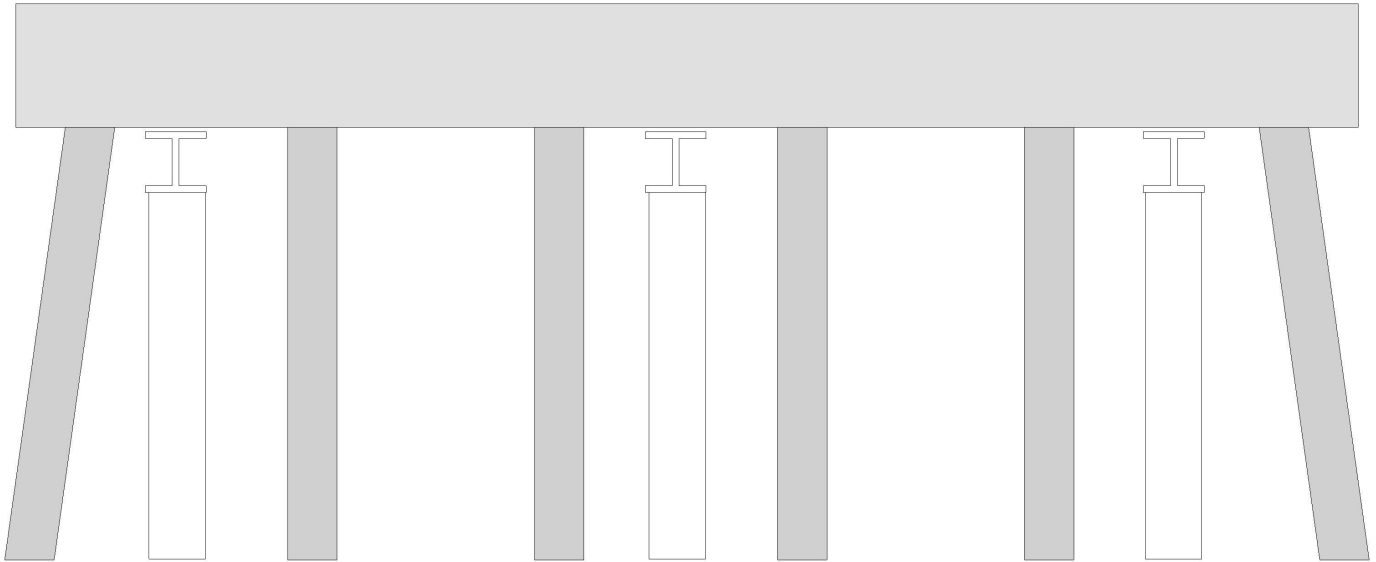
Bridge Inspection Field Sketch



Cap Information			Material Cast-in-Place Concrete							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
27.083 ft.	2.500 ft.	2.500 ft.	1.500 ft.	1.500 ft.	*0.875 ft.	*0.875 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	2.3333 ft.	1.00 ft.			Battered	Yes	No	No	No
2	Steel	2.25 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
3	Timber	5.00 ft.	1.00 ft.			Vertical	Yes	No	No	No
4	Timber	2.75 ft.	1.00 ft.			Vertical	Yes	No	No	Yes
5	Steel	2.75 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
6	Timber	4.3333 ft.	1.00 ft.			Vertical	Yes	No	No	No
7	Timber	3.0833 ft.	1.00 ft.			Vertical	Yes	No	No	No
8	Steel	1.5833 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
9	Timber		1.00 ft.			Battered	Yes	No	No	No
* - MODIFIED			12 INCH H-PILE CAPS AND PILES , PILES AT 5'-6" CENTERS							
UPDATED BY TSE 6/27/22										
MEASUREMENTS MODIFIED BY MA ON 6/3/20										
MEASUREMENTS MODIFIED BY RAP 6/26/18										
SKETCH REDRAWN 6/21/16 MSW										
VERIFIED BY RGM ON 6-20-12										
Bent/Abutment #: 3			Similar Bents:							

Title SUBSTRUCTURE BENT 3			Description LOOKING NORTH			
Bridge No: 810022	Drawn By: RGM	Date: 6/11/2010	File Name: S0042061421			

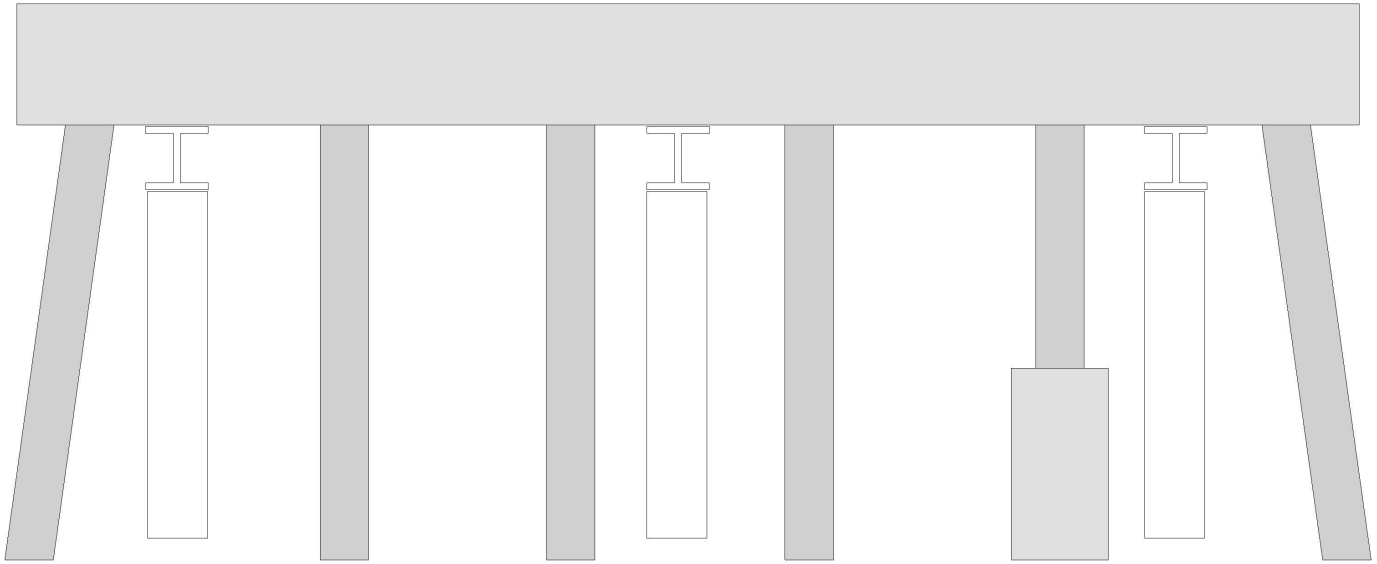
Bridge Inspection Field Sketch



Cap Information			Material Cast-in-Place Concrete							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
27.167 ft.	2.500 ft.	2.500 ft.	1.500 ft.	1.500 ft.	*0.917 ft.	*0.917 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	2.00 ft.	1.00 ft.			Battered	Yes	No	No	No
2	Steel	2.50 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
3	Timber	5.00 ft.	1.00 ft.			Vertical	Yes	No	No	No
4	Timber	2.4167 ft.	1.00 ft.			Vertical	Yes	No	No	No
5	Steel	2.50 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
6	Timber	5.00 ft.	1.00 ft.			Vertical	Yes	No	No	No
7	Timber	2.4167 ft.	1.00 ft.			Vertical	Yes	No	No	No
8	Steel	2.3333 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
9	Timber		1.00 ft.			Battered	Yes	No	No	No
* - MODIFIED						12 INCH STEEL CAPS AND PILES, PILES AT 5'-6" CENTERS				
UPDATED BY TSE 6/27/22										
MEASUREMENTS MODIFIED BY MA ON 6/3/20										
MEASUREMENTS MODIFIED BY RAP 6/26/18										
SKETCH REDRAWN 6/21/16 MSW										
Bent/Abutment #: 4			Similar Bents:							

Title SUBSTRUCTURE BENT 4	Description LOOKING NORTH
Bridge No: 810022	Drawn By: RGM
Date: 6/11/2010	File Name: S0042061422

Bridge Inspection Field Sketch



Cap Information			Material Cast-in-Place Concrete							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
27.667 ft.	2.500 ft.	2.500 ft.	1.500 ft.	1.500 ft.	*1.167 ft.	*1.167 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	2.1667 ft.	1.00 ft.			Battered	Yes	No	No	No
2	Steel	3.0833 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
3	Timber	4.667 ft.	1.00 ft.			Vertical	Yes	No	No	No
4	Timber	2.25 ft.	1.00 ft.			Vertical	Yes	No	No	No
5	Steel	2.667 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
6	Timber	5.167 ft.	1.00 ft.			Vertical	Yes	No	No	No
7	Timber	2.333 ft.	1.00 ft.			Vertical	Yes	No	No	Yes
8	Steel	2.333 ft.	1.00 ft.	1.00 ft.		Vertical	Yes	Yes	No	No
9	Timber		1.00 ft.			Battered	Yes	No	No	No
* - MODIFIED			12 INCH H- PILE, STEEL CAPS AND PILES, PILES AT 5'-6" CENTERS							
UPDATED BY TSE 6/27/22										
MEASUREMENTS MODIFIED BY MA ON 6/3/20										
MEASUREMENTS MODIFIED BY RAP 6/26/18										
SKETCH REDRAWN 6/21/16 MSW										

Bent/Abutment #: 5 Similar Bents:

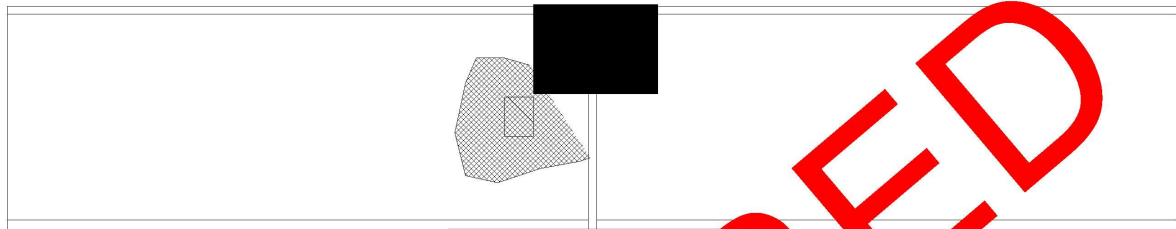
Title SUBSTRUCTURE BENT 5	Description LOOKING NORTH
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Bridge No: 810022	Drawn By: RGM	Date: 6/11/2010	File Name: S0042061423
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Bridge Inspection Field Sketch

BM 5 IN SP. 2

BM 5 IN SP. 3



REPAIRED

EAST END OF BT. 2

Title

PRIORITY MAINT. 1

Description

BEAM 5 IN SPANS 2 AND 3

Bridge No: 810022

Drawn By: BC

Date: 6/11/2010

File Name: S0038000800