NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: PARS SUBMITTED

Structure Safety Report

Routine Element Inspection - Contract

INSPECTION DATE: 02/14/2022

DIVISION: 7 **COUNTY:** CASWELL **STRUCTURE NUMBER:** 160001 **FREQUENCY:** 24 MONTHS

FACILITY CARRIED: US158, NC86 **MILE POST:**

LOCATION: 1.2 MI. E. JCT. NC62

FEATURE INTERSECTED: COUNTRY LINE CREEK

LATITUDE: 36° 24' 15.46" **LONGITUDE:** 79° 17' 52.02"

SUPERSTRUCTURE: REINFORCED CONCRETE DECK ON I-BEAMS

SUBSTRUCTURE: EBTS & BT#3:RC CAP&STL. PILES, BTS#1&2:RC POST & BEAM, BT#2 W/PILE FTNGS.

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

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

GRADES: (Inspector/NBI Coding) **DECK** 5 / 5 **SUPERSTRUCTURE** 4 / 4 **SUBSTRUCTURE** 5 / 5 **CULVERT** N / N

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

OTHER SIGNS PRESENT: NONE

WEST APPROACH

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

DIRECTION OF INSPECTION W-E

DIRECTION MATCHES PLANS

INSPECTED BY	SIGNATURE	ASSISTED BY
RICK POOLE	RL RP	N. KING, C. BARBER

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

04/18/2022

IDENTIFICATION

(1) STATE NAME NORTH CAROLINA BRIDGE **160001**
(8) STRUCTURE NUMBER (FEDERAL) **0330001**
(5) INVENTORY ROUTE (ON/UNDER) ON **121001580**
(2) STATE HIGHWAY DEPARTMENT DISTRICT **7**
(3) COUNTY CODE (FEDERAL) **33** (4) PLACE CODE **75960**
(6) FEATURE INTERSECTED **COUNTRY LINE CREEK**
(7) FACILITY CARRIED **US158, NC86**
(9) LOCATION **1.2 MI. E. JCT. NC62**
(11) MILEPOINT **0.0**
(12) BASE HIGHWAY NETWORK **1**
(13) LRS INVENTORY ROUTE & SUBROUTE **20158**
(16) LATITUDE **36° 24' 15.46"** (17) LONGITUDE **79° 17' 52.02"**
(98) BORDER BRIDGE STATE CODE PERCENT SHARED
(99) BORDER BRIDGE STRUCTURE NUMBER

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN **Steel**
TYPE **Stringer/Multi-beam or girder** CODE **302**
(44) STRUCTURE TYPE APPROACH
TYPE CODE
(45) NUMBER OF SPANS IN MAIN UNIT **4**
(46) NUMBER OF SPANS IN APPROACH **0**
(107) DECK STRUCTURE TYPE CODE **1**
(108)WEARING SURFACE/PROTECTIVE SYSTEM
(A) TYPE OF WEARING SURFACE CODE **1**
(B) TYPE OF MEMBRANE CODE **0**
(C) TYPE OF DECK PROTECTION CODE **0**

AGE AND SERVICE

(27) YEAR BUILT **1970**
(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 **7300**
(30) YEAR OF ADT **2019** (109) TRUCK ADT PCT **14**
(19) BYPASS OR DETOUR LENGTH **1.0**

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN **54.0**
(49) STRUCTURE LENGTH **220.0**
(50) CURB OR SIDEWALK: LEFT **0.0** RIGHT **0.0**
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB **43.3**
(52) DECK WIDTH OUT TO OUT **46.4**
(32) APPROACH ROADWAY WITH (W/ SHOULDERS) **32.0**
(33) BRIDGE MEDIAN **No median** CODE **0**
(34) SKEW **20** (35) STRUCTURE FLARED **0**
(10) INVENTORY ROUTE MIN VERT CLEAR **999.9**
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR **43.3**
(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**

NAVIGATION DATA

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

SUFFICIENCY RATING **70.17**
STATUS = **Structurally Deficient**

CLASSIFICATION — CODE

(112) NBIS BRIDGE SYSTEM **YES**
(104) HIGHWAY SYSTEM **Inventory Route is on NHS** **1**
(26) FUNCTIONAL CLASS **Rural Principal Arterial - Other** **02**
(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** **0**
(20) TOLL **On Free Road** **3**
(21) MAINT - **01**
(22) OWNER - **01**
(37) HISTORICAL SIGNIFICANCE - **5**

CONDITION — CODE

(58) DECK **5**
(59) SUPERSTRUCTURE **4**
(60) SUBSTRUCTURE **5**
(61) CHANNEL & CHANNEL PROTECTION **6**
(62) CULVERTS **N**

LOAD RATING AND POSTING — CODE

(31) DESIGN LOAD **H 20 + Mod** **6**
(63) OPERATING RATING METHOD - **Load Factor** **1**
(64) OPERATING RATING - **HS-41** **74**
(65) INVENTORY RATING METHOD - **1**
(66) INVENTORY RATING **HS-24** **44**
(70) BRIDGE POSTING **No Posting Required** **5**
(41) STRUCTURE OPEN, POSTED, OR CLOSED **D**
DESCRIPTION **Open, would be psoted or closed escept for temporary shoring**

APPRAISAL — CODE

(67) STRUCTURAL EVALUATION **4**
(68) DECK GEOMETRY **5**
(69) UNDERCLEARANCES, VERT & HORIZ **N**
(71) WATERWAY ADEQUACY **7**
(72) APPROACH ROADWAY ALIGNMENT **8**
(36) TRAFFIC SAFETY FEATURES **0111**
(113) SCOUR CRITICAL BRIDGES **8**

PROPOSED IMPROVEMENTS

(75) TYPE OF WORK CODE
(76) LENGTH OF STRUCTURE IMPROVEMENT
(94) BRIDGE IMPROVEMENT COST
(95) ROADWAY IMPROVEMENT COST
(96) TOTAL PROJECT COST
(97) YEAR OF IMPROVEMENT COST ESTIMATE
(114) FUTURE ADT **14,600** YEAR OF FUTURE ADT **2040**

INSPECTION

(90) INSPECTION DATE **02/22** (91) FREQUENCY **24**
(92) CRITICAL FEATURE INSPECTION (93) CFI DATE
A) FRACTURE CRIT DETAIL A)
B) UNDERWATER INSP **60** B) **01/21**
C) OTHER SPECIAL INSP C)
SCOUR

Superstructure Build Details

Span Number 1 **Span Length** 55.0000 **Skew** 110.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
6	Fixed Bearing	Fixed Bearing	6	Each	Galvanized Protective System	6
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2553	Square Feet		
6	Movable Bearing	Movable Bearing	6	Each	Galvanized Protective System	6
2	Concrete Railing	Reinforced Concrete Bridge Railing	110	Feet		
6	Plate Girder	Steel Open Girder/Beam	330	Feet	Legacy Red Lead Primer Systems with Various Topcoats	2658

Span Number 2 **Span Length** 55.0000 **Skew** 110.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
6	Fixed Bearing	Fixed Bearing	6	Each	Galvanized Protective System	6
1	Standard Joint	Pourable Joint Seal	50	Feet		
2	Concrete Railing	Reinforced Concrete Bridge Railing	110	Feet		
6	Movable Bearing	Movable Bearing	6	Each	Galvanized Protective System	6
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2553	Square Feet		
6	Plate Girder	Steel Open Girder/Beam	330	Feet	Legacy Red Lead Primer Systems with Various Topcoats	2676

Span Number 3 **Span Length** 55.0000 **Skew** 110.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
6	Movable Bearing	Movable Bearing	6	Each	Galvanized Protective System	6
1	Standard Joint	Pourable Joint Seal	50	Feet		
6	Plate Girder	Steel Open Girder/Beam	330	Feet	Legacy Red Lead Primer Systems with Various Topcoats	2676
6	Fixed Bearing	Fixed Bearing	6	Each	Galvanized Protective System	6
2	Concrete Railing	Reinforced Concrete Bridge Railing	110	Feet		
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2553	Square Feet		

Span Number 4 **Span Length** 55.0000 **Skew** 110.0000

Superstructure Build Details

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Standard Joint	Pourable Joint Seal	50	Feet		
6	Plate Girder	Steel Open Girder/Beam	330	Feet	Legacy Red Lead Primer Systems with Various Topcoats	2658
6	Movable Bearing	Movable Bearing	6	Each	Galvanized Protective System	6
2	Concrete Railing	Reinforced Concrete Bridge Railing	110	Feet		
6	Fixed Bearing	Fixed Bearing	6	Each	Galvanized Protective System	6
1	Reinforced Concrete Deck	Reinforced Concrete Deck	2553	Square Feet		

Structure Element Scoring

Structure Number: **160001**

Inspection Date **2/14/2022**

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	10212	1181	4796	4235	0
107	0	Steel Open Girder/Beam	Beam	1320	728	313	32	247
515	107	Steel Protective Coating	Beam	10668	9731	0	539	398
205	0	Reinforced Concrete Column	Piles and Columns	6	0	1	5	0
215	0	Reinforced Concrete Abutment	Abutments	106	53	53	0	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	18	18	0	0	0
225	0	Steel Pile	Piles and Columns	32	22	1	0	9
515	225	Steel Protective Coating	Piles and Columns	810	0	0	766	44
234	0	Reinforced Concrete Pier Cap	Caps	244	16	118	110	0
301	0	Pourable Joint Seal	Expansion Joints	150	58	9	81	2
311	0	Movable Bearing	Bearing Device	24	0	24	0	0
515	311	Steel Protective Coating	Bearing Device	24	0	0	24	0
313	0	Fixed Bearing	Bearing Device	24	0	24	0	0
515	313	Steel Protective Coating	Bearing Device	24	0	0	24	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	440	217	221	2	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: **160001**

Inspection Date: **02/14/2022**

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Cracking (RC and Other)	6486 Square Feet
3326	Reinforced Concrete Deck	Delamination/Spall	10 Square Feet
3314	Steel Open Girder/Beam	Corrosion	274 Feet
3348	Reinforced Concrete Column	Cracking (RC and Other)	323 Each
3354	Steel Pile	Corrosion	26 Each
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	80 Feet
3348	Reinforced Concrete Pier Cap	Delamination/Spall	9 Feet
3348	Reinforced Concrete Pier Cap	Exposed Rebar	1 Feet
3310	Pourable Joint Seal	Seal Damage	2 Feet
3318	Reinforced Concrete Bridge Railing	Delamination/Spall	107 Feet
3318	Reinforced Concrete Bridge Railing	Exposed Rebar	1 Feet
3318	Reinforced Concrete Bridge Railing	Cracking (RC and Other)	1 Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	811 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	985 Square Feet

Element Structure Maintenance Quantities

Structure Number: **160001** Inspection Date **02/14/2022**

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	106	0	0	53	53
Beam	3314	Maintenance Steel Superstructure Components	274	1320	247	32	313	728
Beam	3342	Clean and Paint Steel	937	10668	398	539	0	9731
Bearing Device	3334	Bridge Bearing	0	48	0	0	48	0
Bearing Device	3342	Clean and Paint Steel	48	48	0	48	0	0
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	109	440	0	2	221	217
Caps	3348	Maintenance of Concrete Substructure	90	244	0	110	118	16
Deck	3326	Maintenance of Concrete Deck	6496	10212	0	4235	4796	1181
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	2	150	2	81	9	58
Footing	3348	Maintenance of Concrete Substructure	0	18	0	0	0	18
Piles and Columns	3342	Clean and Paint Steel	811	810	44	766	0	0
Piles and Columns	3348	Maintenance of Concrete Substructure	323	6	0	5	1	0
Piles and Columns	3354	Maintenance of Steel Substructure Components	26	32	9	0	1	22

Priority Actions Request

Structure Number **160001**

Span1

3314 **Beam 2** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	4	Span 1 Beam 2: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 39" LONG X 10" HIGH DOWN TO 0.307" RESIDUAL WEB, AND 35" LONG X 5" WIDE DOWN TO 0.484" RESIDUAL FLANGE AT BENT 1 BEARING

3314 **Beam 3** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 1 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 24" HIGH DOWN TO 0.291" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.289" RESIDUAL FLANGE AT BENT 1 BEARING

3314 **Beam 4** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 1 Beam 4: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION BENEATH PAINT REPAIR IN WEB, AND 20" LONG X 5" WIDE DOWN TO .491" RESIDUAL FLANGE, APPROXIMATELY 4" FROM FACE OF BENT 1 BEARING

3314 **Beam 5** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 1 Beam 5: (PAR) CORROSION AT BEAM END DOWN TO 0.381" IN LOWER WEB

Span2

3314 **Beam 1** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 2 Beam 1: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 24" HIGH SURFACE CORROSION ON WEB, AND 36" LONG X 11 3/4" WIDE DOWN TO .431" RESIDUAL FLANGE AT BENT 2 BEARING
2	Corrosion	6	Span 2 Beam 1: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68" LONG X 10" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 61" LONG X 11 3/4" WIDE DOWN TO 5/8" RESIDUAL FLANGE AT BENT 1 BEARING

3314 **Beam 2** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description

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

Priority Actions Request

Structure Number **160001**

2	Corrosion	35	Span 2 Beam 2: (PAR) 35' SECTION OF CORROSION ALONG LEFT AND RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 4" HIGH DOWN TO 0.376" RESIDUAL WEB, AND 5" WIDE DOWN TO 1/2" RESIDUAL FLANGE EXTENDING FROM BENT 1 (NO PHOTOS)
2	Corrosion	3	Span 2 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 33" LONG X 6" HIGH DOWN TO 0.275" RESIDUAL WEB, AND 34" LONG X 5" WIDE DOWN TO 0.328" RESIDUAL FLANGE AT BENT 2 BEARING

3314 **Beam 3** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	7	Span 2 Beam 3: (PAR) 100% SECTION LOSS FOR 7" LONG x 7" HIGH x 4" WIDE OVER BENT 2 BEARING
2	Corrosion	3	Span 2 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 25" LONG X 24" HIGH DOWN TO RESIDUAL WEB WITH 3" X 3" LOSS OF SECTION, AND 24" LONG X 11 3/4" WIDE DOWN TO .177" RESIDUAL FLANGE AT BENT 2 BEARING

3314 **Beam 4** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	5	Span 2 Beam 4: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 60" LONG X 5" HIGH WITH DOWN TO 0.334" RESIDUAL WEB, AND 60" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING

3314 **Beam 5** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 17" LONG X 3" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 6" WIDE DOWN TO .546" RESIDUAL FLANGE AT BENT 2 BEARING
2	Corrosion	5	Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 55" LONG X 10" HIGH WITH DOWN TO 0.322" REMAINING RESIDUAL WEB AT BENT 1 BEARING

3314 **Beam 6** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 2 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 7" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 67" LONG X 11 1/2" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING

Span3

3314 **Beam 1** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description

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

Priority Actions Request

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2	Corrosion	3	Span 3 Beam 1: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 5" HIGH DOWN TO 0.471" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.401" RESIDUAL FLANGE AT BENT 3 BEARING
2	Corrosion	3	Span 3 Beam 1: (PAR) CORROSION EXTENDING 5' FROM BENT 2 WEB, 0.251" REMAINING UP 3" FROM FLANGE
2	Corrosion	49	Span 3 Beam 1: (PAR) INTERMITTENT FULL LENGTH, CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 5" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 5" WIDE IN BOTTOM OF MIDSPAN FLANGE WITH NO MEASURABLE SECTION LOSS

3314 **Beam 2** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 32" LONG X 5" HIGH DOWN TO 0.212" RESIDUAL WEB, AND 34" LONG X 11 3/4" WIDE DOWN TO 0.351" RESIDUAL FLANGE AT BENT 3 BEARING
2	Corrosion	1	Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 12" LONG X 24" HIGH DOWN TO 0.405" RESIDUAL WEB AT END OF BEAM AT BENT 2
2	Corrosion	40	Span 3 Beam 2: (PAR) INTERMITTENT FULL LENGTH CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 6" HIGH DOWN TO 0.40" RESIDUAL WEB, AND 5" WIDE DOWN TO 0.50" RESIDUAL FLANGE, BEGINNING 4' FROM BENT 2 (NO PHOTO)

3314 **Beam 3** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 3 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 15" LONG X 5" HIGH DOWN TO 0.503" RESIDUAL WEB, AND 18" LONG X 11 3/4" WIDE DOWN TO 0.199" RESIDUAL FLANGE AT BENT 3 BEARING
2	Corrosion	6	Span 3 Beam 3: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 72" LONG X 24" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 72" LONG X 11 1/2" WIDE DOWN TO 0.360" RESIDUAL FLANGE AT BENT 2 BEARING

3314 **Beam 4** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	4	Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 38" LONG X 7" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 41" LONG X 11 3/4" WIDE DOWN TO 0.485" RESIDUAL FLANGE AT BENT 3 BEARING
2	Corrosion	5	Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 6" HIGH DOWN TO 0.342" RESIDUAL WEB, AND 39" LONG X 11 3/4" WIDE DOWN TO 0.505" RESIDUAL FLANGE AT BENT 2 BEARING

3314 **Beam 5** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 3 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND

Priority Actions Request

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			BOTTOM FLANGE UP TO 24" LONG X 13" HIGH DOWN TO 0.301" RESIDUAL WEB, AND 29" LONG X 11 3/4" WIDE DOWN TO .443" RESIDUAL FLANGE AT BENT 3 BEARING
2	Corrosion	9	Span 3 Beam 5: (PAR) CORROSION AND EVIDENCE OF CORROSION BENEATH PAINT REPAIR ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 6" HIGH DOWN TO 0.429" RESIDUAL WEB, AND 90" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 2 BEARING

3314 **Beam 6** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 3 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 20" LONG X 3" HIGH DOWN TO 0.362" RESIDUAL WEB, AND 11" LONG X 11 3/4" WIDE DOWN TO 0.543" RESIDUAL FLANGE AT BENT 3 BEARING

Span4

3314 **Beam 3** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 4 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14" LONG X 8" HIGH DOWN TO 0.236" RESIDUAL WEB, AND 24" LONG X 11 3/4" WIDE DOWN TO 0.200" RESIDUAL FLANGE AT BENT 3 BEARING

3314 **Beam 4** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	9	Span 4 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 108" LONG X 20" HIGH DOWN TO 0.393" RESIDUAL WEB, AND 103" LONG X 11 3/4" WIDE DOWN TO 0.500" RESIDUAL FLANGE AT BENT 3 BEARING

3314 **Beam 5** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	9	Span 4 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 19" HIGH DOWN TO 0.358" RESIDUAL WEB, AND 72" LONG X 11 3/4" WIDE DOWN TO 0.459" RESIDUAL FLANGE AT BENT 3 BEARING

3314 **Beam 6** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 4 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18" LONG X 7" HIGH DOWN TO 0.542" RESIDUAL WEB, AND 14" LONG X 5" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT END BENT 2 BEARING (NO PHOTO)

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

Priority Actions Request

Structure Number **160001**

Bent 3

3354 **Pile 1** Steel Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 3 Pile 1: (PAR) CORROSION ALONG BOTH FLANGES UP TO 6" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT BOTTOM OF CAP WITH UP TO 100% SECTION LOSS ON FAR FLANGE 4" WIDE X 1" HIGH ADJACENT TO CAP AND NEAR FLANGE
2	Corrosion	2	Bent 3 Pile 1: (PAR) CORROSION ALONG RIGHT EDGE OF NEAR FLANGE UP TO 23" HIGH X 6" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT

3354 **Pile 2** Steel Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 3 Pile 2: (PAR) CORROSION ALONG NEAR FLANGE UP TO 3" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE WITH 3/16" DIAMETER HOLE AT BOTTOM OF CAP UP TO 3" LONG

3354 **Pile 3** Steel Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 3 Pile 3: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT

3354 **Pile 4** Steel Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 3 Pile 4: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE ABOVE CONCRETE ENCASEMENT (NO PHOTO)
2	Corrosion	1	Bent 3 Pile 4: (PAR) CORROSION ALONG BOTH FLANGES UP TO 5" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE AT BOTTOM OF CAP
2	Corrosion	2	Bent 3 Pile 4: (PAR) FAR FLANGE DOWN TO KNIFE EDGE

3354 **Pile 5** Steel Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 3 Pile 5: (PAR) CORROSION ALONG BOTH FLANGES UP TO 11" HIGH X 12" WIDE DOWN TO 3/16" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT (NO PHOTO)
2	Corrosion	2	Bent 3 Pile 5: (PAR) CORROSION ALONG BOTH FLANGES UP TO 24" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 2 1/2" WIDE X 1" HIGH HOLES AT BOTTOM OF CAP

3354 **Pile 6** Steel Pile

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

Priority Actions Request

Structure Number **160001**

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 3 Pile 6: (PAR) CORROSION ALONG FAR FLANGE UP TO 5" HIGH X 12" WIDE DOWN TO 3/16" RESIDUAL FLANGE, APPROXIMATELY 4' FROM BOTTOM OF CAP
2	Corrosion	2	Bent 3 Pile 6: (PAR) CORROSION ALONG WEB AND BOTH FLANGES UP TO 19" HIGH X 11" WIDE WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 19" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 2 LOCATIONS OF UP TO 6" HIGH X 3" WIDE 100% LOSS OF SECTION ABOVE CONCRETE ENCASEMENT

3354 **Pile 7** Steel Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Bent 3 Pile 7: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT
2	Corrosion	1	Bent 3 Pile 7: (PAR) CORROSION ALONG RIGHT EDGE OF FAR FLANGE UP TO 10" HIGH X 9" WIDE DOWN TO 1/4" RESIDUAL FLANGE, APPROXIMATELY 2' FROM BOTTOM OF CAP

3354 **Pile 8** Steel Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Bent 3 Pile 8: (PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT
2	Corrosion	1	Bent 3 Pile 8: (PAR) CORROSION ALONG BOTH FLANGES UP TO 8" HIGH X 12" WIDE DOWN TO 1/8" RESIDUAL FLANGE AT BOTTOM OF CAP

3354 **Pile 9** Steel Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Bent 3 Pile 9: (PAR) CORROSION ALONG BOTH FLANGES UP TO 12" HIGH X 12" WIDE DOWN TO 5/16" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT
2	Corrosion	2	Bent 3 Pile 9: (PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 4" WIDE X 1 1/2" HIGH LOSS OF SECTIONS AT BOTTOM OF CAP

Approach Guardrail and Barriers

3120 **Approach Guardrail and Barriers** Approach Guardrail and Barriers

Priority Level	Defect Type	Quantity	Defect Description
2		50	(PAR) GUARDRAIL DAMAGE AT NEAR LEFT APPROACH ADJACENT TO END TERMINATION, 50' SECTION IMPACTED
2		21	(PAR) BRIDGE DRAINAGE, CLOGGED EITHER PARTIALLY OF FULLY WITH

Priority Actions Request

Structure Number **160001**

		VEGETATION GROWTH. (16) ALONG RIGHT CURB & (5) ALONG LEFT CURB
2	15	(PAR) AREAS OF 100% SECTION LOSS UP 17" X 3" AND BROKEN AND DETACHED CROSS BRACING INTERMITTENT THROUGHOUT BENT 3
2	5	(PAR) STEEL DIAPHRAGM: SPAN 2 AT BENT 1 IN BAY 3, CORROSION ALONG TOP FLANGE UP TO 36" LONG X 1" WIDE WITH NO MEASURABLE LOSS OF SECTION, AND CORROSION ALONG BOTTOM FLANGE UP TO 22" X 3" DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 4" LONG X 1" WIDE LOSS OF SECTION NEAR MIDLENGTH
2	138	(PAR) END BENT 1 SLOPE PROTECTION, SOIL ERODING UP TO 2.5' DEEP AGAINST GROUTING PAD ADJACENT TO CAP. RIP RAP SCATTERED ALONG BOTTOM OF SLOPE (NO PHOTO)
2	138	(PAR) END BENT 1 SLOPE PROTECTION, UP TO 4" WIDE CRACK IN OUTSIDE EDGE CONCRETE SHOOT ADJACENT TO END BENT 1 RIGHT EDGE AND SETTLEMENT INTERMITTENT THROUGHOUT (NO PHOTO)
2	136	(PAR) END BENT 2 SLOPE PROTECTION, ALONG LEFT CONCRETE SHOOT; UP TO 3' DEEP X 8' LONG EROSION OF SOIL
2	138	(PAR) SLOPE @ END BENT HAS EROSION AREA 5'x 8'x 4' DEEP UNDERMINING CAP BETWEEN BEAMS 1 & 2

Element Condition and Maintenance Data

Structure Number: **160001** Inspection Date: **02/14/2022**

Span 1 Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	2,553	0	1,374	1,179	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	Cracking (RC and Other)	UP TO 0.02" MAP CRACKS THROUGHOUT TOP OF DECK	3	1,178	2,420	Square Feet
12	Delamination/Spall	AT BENT 1 JOINT, 10" X 3" X 3" DEEP SPALL IN TOP OF DECK IN WHEEL LINE OF WESTBOUND LANE	3	1	1	Square Feet
12	Abrasion/Wear (PSC/RC)	1320 SQUARE FEET OF SCALING WITH EXPOSED AGGREGATE IN TOP OF DECK THROUGHOUT TRAVEL LANES	2	1,320		Square Feet
12	Cracking (RC and Other)	UP TO 0.035" TRANSVERSE CRACKS IN TOP OF DECK IN TRAVEL LANES WITHIN 3' OF END BENT 1 FILL FACE	2	25	25	Square Feet
12	Cracking (RC and Other)	UP TO 0.04" TRANSVERSE CRACKS IN TOP OF DECK IN TRAVEL LANES WITHIN 2' OF BENT 1 JOINT	2	25	25	Square Feet
12	Delamination/Spall	UNDERSIDE, 12" X 11" AREA OF DELAMINATION IN BOTTOM OF LEFT OVERHANG ABOVE BENT 1	2	1	1	Square Feet
12	Delamination/Spall	UNDERSIDE, 17" X 12" AREA OF DELAMINATION IN BOTTOM OF LEFT OVERHANG AROUND DECK DRAIN AT BENT 1	2	3	3	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	
331	Reinforced Concrete Bridge Railing	55	37	18	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Delamination/Spall	14 SPALLS WITH EXPOSED REBAR UP TO 6" X 4" X 3/4" DEEP IN BOTTOM OF RAIL IN VARIOUS LOCATIONS	2	14	14	Feet
331	Delamination/Spall	5" X 3" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN EAST FACE OF END POST, APPROXIMATELY 3' FROM END BENT 1 FILL FACE	2	1	1	Feet
331	Delamination/Spall	THREE (3) SPALLS UP TO 6" X 3" X 1/2" DEEP IN FACE OF RAIL POSTS IN VARIOUS LOCATIONS	2	3	3	Feet
331	Cracking (RC and Other)	ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE	1			Feet

General Comments

AGGREGATE EXPOSED BUT SECURE THROUGHOUT

Span 1 Right Bridge Rail

Concrete Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Concrete Bridge Railing	55	19	35	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Delamination/Spall	11" X 5" X 1/2" DEEP SPALL IN FACE OF RAIL, APPROXIMATELY 19' FROM END BENT 1 FILL FACE	3	1	1	Feet
331	Cracking (RC and Other)	UP TO 0.05" LONGITUDINAL, TRANSVERSE, VERTICAL AND MAP CRACKS IN TOP AND FACES OF RAIL IN VARIOUS LOCATIONS	2	30		Feet

331	**Delamination/Spall**	**3 1/2" X 2 1/2" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN BOTTOM OF RAIL, APPROXIMATELY 17' FROM BENT 1 JOINT**	2	1	1	Feet
331	**Delamination/Spall**	**3 1/2" X 3" X 1" DEEP SPALL IN TOP OF RAIL, APPROXIMATELY 18' FROM BENT 1 JOINT**	2	1	1	Feet
331	**Delamination/Spall**	**4" X 2" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN EAST OF RAIL POST, APPROXIMATELY 9' FROM END BENT 1 FILL FACE**	2	1	1	Feet
331	**Delamination/Spall**	**6" X 4" X UP TO 1 1/4" SPALL IN NORTHWEST CORNER OF RAIL POST, APPROXIMATELY 9' FROM END BENT 1 FILL FACE**	2	1	1	Feet
331	**Delamination/Spall**	**7" X 2 1/2" X 1/4" DEEP SPALL IN FACE OF RAIL, APPROXIMATELY 17' FROM BENT 1 JOINT**	2	1	1	Feet
331	**Cracking (RC and Other)**	**ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE**	1			Feet

General Comments

AGGREGATE EXPOSED BUT SECURE THROUGHOUT

Span 1 Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	55	41	11	3	0	Feet
515	Steel Protective Coating	443	417	0	21	5	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 35" LONG X 3" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 29" LONG X 11" WIDE DOWN TO 0.61" RESIDUAL FLANGE AT BENT 1 BEARING**	3	3	3	Feet
107	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	2	10		Feet
107	**Corrosion**	**SURFACE CORROSION ALONG LEFT FACE OF WEB AND TOP OF BOTTOM FLANGE UP TO 19" LONG X 4 1/2" HIGH IN WEB AND 19" LONG X 5" WIDE IN FLANGE AT BENT 1 BEARING**	2			Feet
107	**Corrosion**	**UP TO 7" LONG X 5" WIDE AREAS OF SURFACE CORROSION ALONG BOTTOM FLANGE AT END BENT 1 BEARING**	2	1		Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND TOP OF BOTTOM FLANGE UP TO 19" LONG X 4 1/2" HIGH IN WEB AND 19" LONG X 5" WIDE IN FLANGE AT BENT 1 BEARING**	4	2	2	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 35" LONG X 3" HIGH IN WEB, AND 29" LONG X 11" WIDE IN FLANGE AT BENT 1 BEARING**	4	3	3	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	20	20	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**UP TO 7" LONG X 5" WIDE AREAS OF DETERIORATED PAINT SYSTEM ALONG BOTTOM FLANGE AT END BENT 1 BEARING**	3	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**SURFACE CORROSION THROUGHOUT BEAM 1 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 1 BEARING**	3	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 1 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 1 BEARING**	3	1	1	Square Feet

General Comments

Span 1 — Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	55	39	12	0	4	Feet
515	Steel Protective Coating	443	416	0	23	4	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 39" LONG X 10" HIGH DOWN TO 0.3" RESIDUAL WEB, AND 35" LONG X 5" WIDE DOWN TO 0.48" RESIDUAL FLANGE AT BENT 1 BEARING**	4	4	4	Feet
107	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	2	10		Feet
107	**Corrosion**	**SURFACE CORROSION ALONG LEFT FACE OF WEB UP TO 8" LONG X 24" HIGH AT END OF BEAM AT BENT 1**	2			Feet
107	**Corrosion**	**UP TO 30" LONG X 5" WIDE AREAS OF SURFACE CORROSION ALONG LEFT SIDE OF BOTTOM FLANGE AT END BENT 1 BEARING**	2	2		Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 39" LONG X 10" HIGH IN WEB, AND 35" LONG X 5" WIDE IN FLANGE AT BENT 1 BEARING**	4	4	4	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	20	20	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB UP TO 8" LONG X 24" HIGH AT END OF BEAM AT BENT 1**	3	1	1	Square Feet

515	**Effectiveness (Steel Protective Coatings)**	**UP TO 30" LONG X 5" WIDE AREAS OF DETERIORATED PAINT SYSTEM ALONG LEFT SIDE OF BOTTOM FLANGE AT END BENT 1 BEARING**	3	2	2	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**SURFACE CORROSION THROUGHOUT BEAM 2 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 2 BEARING**	3	1	1	Square Feet

General Comments

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 2 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 2 BEARING**	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	55	40	12	0	3	Feet
515	Steel Protective Coating	443	412	0	22	9	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 24" HIGH DOWN TO 0.291" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.289" RESIDUAL FLANGE AT BENT 1 BEARING**	4	3	3	Feet
107	**Corrosion**	**14" LONG X 5" WIDE AREA OF SURFACE CORROSION ALONG LEFT FACE OF BOTTOM FLANGE AT END BENT 1 BEARING**	2	2		Feet
107	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	2	10		Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 24" HIGH IN WEB, AND 36" LONG X 5" WIDE IN FLANGE AT BENT 1 BEARING**	4	9	9	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**14" LONG X 5" WIDE AREA OF DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF BOTTOM FLANGE AT END BENT 1 BEARING**	3	2	2	Square Feet

515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	20	20	Square Feet

General Comments

Span 1 — Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**SURFACE CORROSION THROUGHOUT BEAM 3 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 3 BEARING**	3	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 3 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 3 BEARING**	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	55	42	10	0	3	Feet
515	Steel Protective Coating	443	420	0	20	3	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION BENEATH PAINT REPAIR IN WEB, AND 20" LONG X 5" WIDE DOWN TO .49" RESIDUAL FLANGE, APPROXIMATELY 4" FROM FACE OF BENT 1 BEARING**	4	3	3	Feet
107	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	2	10		Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 4" HIGH IN WEB, AND 20" LONG X 5" WIDE IN FLANGE, APPROXIMATELY 4" FROM FACE OF BENT 1 BEARING**	4	3	3	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	20	20	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**SURFACE CORROSION THROUGHOUT BEAM 4 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING**	3	1	1	Square Feet

General Comments

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 4 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING**	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	55	38	12	5	0	Feet
515	Steel Protective Coating	443	418	0	22	3	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) CORROSION AT BEAM END DOWN TO .38" IN LOWER WEB**	3	2	2	Feet
107	**Corrosion**	**CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 30" LONG X 6" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 20" LONG X 5" WIDE DOWN TO 5/8" RESIDUAL FLANGE AT BENT 1 BEARING**	3	3	3	Feet
107	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	2	10		Feet
107	**Corrosion**	**UP TO 24" LONG X 5" WIDE AREAS OF SURFACE CORROSION ALONG BOTTOM FLANGE, AND 15" LONG X 2" HIGH IN LEFT FACE OF WEB AT END BENT 1 BEARING**	2	2		Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 30" LONG X 6" HIGH IN WEB, AND 20" LONG X 5" WIDE IN FLANGE AT BENT 1 BEARING**	4	3	3	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	20	20	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**UP TO 24" LONG X 5" WIDE AREAS OF DETERIORATED PAINT SYSTEM ALONG BOTTOM FLANGE, AND 15" LONG X 2" HIGH IN LEFT FACE OF WEB AT END BENT 1 BEARING**	3	2	2	Square Feet

General Comments

Span 1 Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**SURFACE CORROSION THROUGHOUT BEAM 5 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 5 BEARING**	3	1	1	Square Feet

General Comments

Span 1 Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 5 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 5 BEARING**	3	1	1	Square Feet

General Comments

Span 1 Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	55	41	14	0	0	Feet
515	Steel Protective Coating	443	419	0	24	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	2	10		Feet
107	**Corrosion**	**SURFACE CORROSION ALONG BOTH FACES OF WEB UP TO 28" LONG X 8" HIGH AT END OF BEAM AT BENT 1**	2	3		Feet
107	**Corrosion**	**UP TO 12" LONG X 5" WIDE AREAS OF SURFACE CORROSION ALONG BOTTOM FLANGE AT END BENT 1 BEARING**	2	1		Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	20	20	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB UP TO 28" LONG X 8" HIGH AT END OF BEAM AT BENT 1**	3	3	3	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**UP TO 12" LONG X 5" WIDE AREAS OF DETERIORATED PAINT SYSTEM ALONG BOTTOM FLANGE AT END BENT 1 BEARING**	3	1	1	Square Feet

General Comments

Span 1 — Near Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**SURFACE CORROSION THROUGHOUT BEAM 6 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 6 BEARING**	3	1	1	Square Feet

General Comments

Span 1 — Far Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 6 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 6 BEARING**	3	1	1	Square Feet

General Comments

Span 2 — Deck

Reinforced Concrete Deck

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete Deck	2,553	1,181	143	1,229	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	**Cracking (RC and Other)**	**UP TO 0.02" MAP CRACKS IN TOP OF DECK IN VARIOUS LOCATIONS**	3	1,220	1,220	Square Feet
12	**Cracking (RC and Other)**	**UP TO 50" X 1/8" TRANSVERSE CRACKS IN TOP OF DECK IN EASTBOUND LANE AND RIGHT SHOULDER IN VARIOUS LOCATIONS**	3	8	8	Square Feet
12	**Delamination/Spall**	**AT BENT 2 JOINT, IN EASTBOUND LANE, 1' LONG X 3" WIDE X UP TO 2" DEEP SPALL**	3	1	1	Square Feet
12	**Abrasion/Wear (PSC/RC)**	**1320 SF OF SCALING WITH EXPOSED AGGREGATE IN TOP OF DECK THROUGHOUT TRAVEL LANES**	2	100		Square Feet
12	**Cracking (RC and Other)**	**UP TO 0.04" TRANSVERSE CRACKS IN TOP OF DECK IN TRAVEL LANES AT BENT 1 JOINT**	2	25	25	Square Feet
12	**Cracking (RC and Other)**	**UP TO 0.04" TRANSVERSE CRACKS IN TOP OF DECK IN TRAVEL LANES AT BENT 2 JOINT**	2	18	18	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	55	32	23	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	**Cracking (RC and Other)**	**UP TO 0.035" LONGITUDINAL AND VERTICAL CRACKS IN TOP AND ENDS OF RAIL IN VARIOUS LOCATIONS**	2	16		Feet
331	**Delamination/Spall**	**FIVE (5) SPALLS UP TO 5" X 3 1/2" X 1/4" DEEP IN FACE OF RAIL POSTS IN VARIOUS LOCATIONS**	2	4	4	Feet
331	**Delamination/Spall**	**THREE (3) SPALLS WITH EXPOSED REBAR UP TO 5" X 3" X 3/4" DEEP IN BOTTOM OF RAIL IN VARIOUS LOCATIONS**	2	3	3	Feet
331	**Cracking (RC and Other)**	**ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE**	1			Feet

General Comments

AGGREGATE EXPOSED BUT SECURE THROUGHOUT

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	55	23	32	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	**Cracking (RC and Other)**	**UP TO 0.02" LONGITUDINAL CRACKS IN TOP OF RAIL IN VARIOUS LOCATIONS**	2	8		Feet
331	**Delamination/Spall**	**SPALLS WITH EXPOSED REBAR UP TO 5" X 3" X 1/2" DEEP IN BOTTOM OF RAIL AND OUTSIDE FACES OF POSTS INTERMITTENT THROUGHOUT**	2	23	23	Feet
331	**Delamination/Spall**	**TWO (2) SPALLS WITH EXPOSED REBAR UP TO 5" X 1 1/2" X 1/4" DEEP IN EAST FACE OF RAIL POST NEAR MIDSPAN**	2	1	1	Feet
331	**Cracking (RC and Other)**	**ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE**	1			Feet

General Comments

AGGREGATE EXPOSED BUT SECURE THROUGHOUT

Span 2 — Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	55	36	10	6	3	Feet
515	Steel Protective Coating	446	417	0	20	9	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 24" HIGH SURFACE CORROSION ON WEB, AND 36" LONG X 11 3/4" WIDE DOWN TO .431" RESIDUAL FLANGE AT BENT 2 BEARING**	4	3	3	Feet
107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68" LONG X 10" HIGH DOWN TO 0.431" RESIDUAL WEB, AND 61" LONG X 11 3/4" WIDE DOWN TO 5/8" RESIDUAL FLANGE AT BENT 1 BEARING**	3	6	6	Feet
107	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	2	10		Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 24" HIGH IN WEB, AND 36" LONG X 11 3/4" WIDE IN FLANGE AT BENT 2 BEARING**	4	3	3	Square Feet

515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68" LONG X 10" HIGH IN WEB, AND 61" LONG X 11 3/4" WIDE IN FLANGE AT BENT 1 BEARING**	4	6	6	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	20	20	Square Feet

General Comments

CONCRETE DIAPHRAGM, LEFT SIDE OF SPAN 2 BEAM 1 AT BENT 1, 12" LONG X 0.75" DEEP SPALL WITH EXPOSED REBAR WITH ACTIVE SECTION LOSS

Span 2 — Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 1 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 1 BEARING**	3	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 1 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 1 BEARING**	3	1	1	Square Feet

General Comments

Span 2 — Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	55	12	5	0	38	Feet
515	Steel Protective Coating	446	403	0	5	38	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) 35' SECTION OF CORROSION ALONG LEFT AND RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 4" HIGH DOWN TO 0.376" RESIDUAL WEB, AND 5" WIDE DOWN TO 1/2" RESIDUAL FLANGE EXTENDING FROM BENT 1 (NO PHOTOS)**	4	35	35	Feet
107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 33" LONG X 6" HIGH DOWN TO 0.275" RESIDUAL WEB, AND 34" LONG X 5" WIDE DOWN TO .328" RESIDUAL FLANGE AT BENT 2 BEARING**	4	3	3	Feet
107	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	2	5		Feet

515	**Effectiveness (Steel Protective Coatings)**	**35' SECTION OF DETERIORATED PAINT SYSTEM ALONG LEFT AND RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 4" HIGH IN WEB, AND 5" WIDE IN FLANGE EXTENDING FROM BENT 1**	4	35	35	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 33" LONG X 6" HIGH IN WEB, AND 34" LONG X 5" WIDE IN FLANGE AT BENT 2 BEARING**	4	3	3	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	5	5	Square Feet

General Comments

Span 2 — Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 2 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 2 BEARING**	3	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 2 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 2 BEARING**	3	1	1	Square Feet

General Comments

Span 2 — Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	55	30	15	0	10	Feet
515	Steel Protective Coating	446	416	0	27	3	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) 100% SECTION LOSS FOR 7" LONG x 7" HIGH x 4" WIDE OVER BENT 2 BEARING**	4	7	7	Feet
107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 25" LONG X 24" HIGH DOWN TO RESIDUAL WEB WITH 3" X 3" LOSS OF SECTION, AND 24" LONG X 11 3/4" WIDE DOWN TO .177" RESIDUAL FLANGE AT BENT 2 BEARING**	4	3	3	Feet

107	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	2	10		Feet
107	**Corrosion**	**CORROSION ALONG BOTH FACES OF WEB UP TO 8" LONG X 5" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AT END OF BEAM AT BENT 1**	2	1		Feet
107	**Corrosion**	**SURFACE CORROSION THROUGHOUT 24" LONG X 5" WIDE X 6" HIGH PLATE REPAIR WELDED TO RIGHT FACE OF WEB AND BOTTOM FLANGE AT BENT 1 ON BOTH SIDES**	2			Feet
107	**Corrosion**	**SURFACE CORROSION THROUGHOUT 48" LONG X 5" WIDE X 6" HIGH PLATE REPAIR WELDED TO LEFT FACE OF WEB AND BOTTOM FLANGE AT BENT 1**	2	4		Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 25" LONG X 24" HIGH IN WEB, AND 24" LONG X 11 3/4" WIDE IN FLANGE AT BENT 2 BEARING**	4	3	3	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	20	20	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB UP TO 8" LONG X 5" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB AT END OF BEAM AT BENT 1**	3	1	1	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT 24" LONG X 5" WIDE X 6" HIGH PLATE REPAIR WELDED TO RIGHT FACE OF WEB AND BOTTOM FLANGE AT BENT 1**	3	2	2	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT 48" LONG X 5" WIDE X 6" HIGH PLATE REPAIR WELDED TO LEFT FACE OF WEB AND BOTTOM FLANGE AT BENT 1**	3	4	4	Square Feet

General Comments

Span 2 — Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 3 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 3 BEARING**	3	1	1	Square Feet

General Comments

Span 2 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 3 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 3 BEARING**	3	1	1	Square Feet

General Comments

Span 2 Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	55	37	10	3	5	Feet
515	Steel Protective Coating	446	413	0	23	10	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 60" LONG X 5" HIGH WITH DOWN TO 0.334" RESIDUAL WEB, AND 60" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING**	4	5	5	Feet
107	**Corrosion**	**EVIDENCE OF CORROSION BENEATH PAINT REPAIR ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 24" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 27" LONG X 5" WIDE DOWN TO 5/8" RESIDUAL FLANGE AT BENT 2 BEARING**	3	3	3	Feet
107	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	2	10		Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 60" LONG X 5" HIGH IN WEB, AND 60" LONG X 11 3/4" WIDE IN FLANGE AT BENT 1 BEARING**	4	10	10	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	20	20	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM BENEATH PAINT REPAIR ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 24" HIGH IN WEB, AND 27" LONG X 5" WIDE IN FLANGE AT BENT 2 BEARING**	3	3	3	Square Feet

General Comments

Span 2 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 4 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING**	3	1	1	Square Feet

General Comments

Span 2 Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 4 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING**	3	1	1	Square Feet

General Comments

Span 2 Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	55	38	10	0	7	Feet
515	Steel Protective Coating	446	419	0	20	7	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 17" LONG X 3" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 6" WIDE DOWN TO .546" RESIDUAL FLANGE AT BENT 2 BEARING**	4	2	2	Feet
107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 55" LONG X 10" HIGH WITH DOWN TO 0.322" REMAINING RESIDUAL WEB AT BENT 1 BEARING**	4	5	5	Feet
107	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	2	10		Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 17" LONG X 3" HIGH IN WEB, AND 14" LONG X 6" WIDE IN FLANGE AT BENT 2 BEARING**	4	2	2	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB UP TO 55" LONG X 10" HIGH AT BENT 1 BEARING**	4	5	5	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	20	20	Square Feet

General Comments

Span 2 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 5 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 5 BEARING**	3	1	1	Square Feet

General Comments

Span 2 Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 5 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 5 BEARING**	3	1	1	Square Feet

General Comments

Span 2 Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	55	40	10	0	5	Feet
515	Steel Protective Coating	446	419	0	20	7	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 7" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 67" LONG X 11 1/2" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING**	4	3	3	Feet
107	**Corrosion**	**CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 22" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 5" WIDE DOWN TO 0.550" RESIDUAL FLANGE AT BENT 2 BEARING**	4	2	2	Feet
107	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	2	10		Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 7" HIGH IN WEB, AND 67" LONG X 11 1/2" WIDE IN FLANGE AT BENT 1 BEARING**	4	5	5	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 22" LONG X 4" HIGH IN WEB, AND 14" LONG X 5" WIDE IN FLANGE AT BENT 2 BEARING**	4	2	2	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	20	20	Square Feet

General Comments

Span 2 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 6 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 6 BEARING**	3	1	1	Square Feet

General Comments

Span 2 Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

313	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 6 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 6 BEARING**	3	1	1	Square Feet

General Comments

Span 2 — Expansion Joint 1

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	50	8	0	42	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
301	**Seal Adhesion**	**FULL DEPTH SEPARATION OF JOINT MATERIAL ALONG BENT 1 JOINT IN VARIOUS LOCATIONS**	3	42		Feet
301	**Debris Impaction**	**5' OF DIRT AND DEBRIS ACCUMULATION ALONG BENT 1 JOINT IN BOTH SHOULDERS**	2			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	2,553	0	734	1,819	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	**Cracking (RC and Other)**	**31" X 1/8" TRANSVERSE CRACK IN TOP OF DECK IN WESTBOUND LANE, APPROXIMATELY 14' FROM BENT 3 JOINT**	3	3	3	Square Feet
12	**Cracking (RC and Other)**	**UP TO 0.02" MAP CRACKS IN TOP OF DECK IN VARIOUS LOCATIONS**	3	1,815	1,815	Square Feet
12	**Delamination/Spall**	**12"x 12"x 1" SPALL WITH EXPOSED REBAR BENT 3, LEFT SIDE, UNDERSIDE OF DECK**	3	1	1	Square Feet
12	**Abrasion/Wear (PSC/RC)**	**SCALING WITH EXPOSED AGGREGATE IN TOP OF DECK THROUGHOUT TRAVEL LANES**	2	695		Square Feet
12	**Cracking (RC and Other)**	**UP TO 0.03" TRANSVERSE CRACKS IN TOP OF DECK IN TRAVEL LANES AT BENT 2 JOINT**	2	14	14	Square Feet
12	**Cracking (RC and Other)**	**UP TO 0.035" TRANSVERSE CRACKS IN TOP OF DECK IN TRAVEL LANES AT BENT 3 JOINT**	2	25	25	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	55	35	20	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	**Cracking (RC and Other)**	**UP TO 0.035" LONGITUDINAL AND VERTICAL CRACKS IN TOP AND ENDS OF RAIL IN VARIOUS LOCATIONS**	2	17		Feet
331	**Delamination/Spall**	**WITHIN 8' OF BENT 3 JOINT, (3) 3" DIAMETER X 0.25" DEEP SPALLS WITH EXPOSED REBAR UNDER RAILING**	2	3	3	Feet
331	**Cracking (RC and Other)**	**ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE**	1			Feet

General Comments

AGGREGATE EXPOSED BUT SECURE THROUGHOUT

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	55	5	50	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	**Cracking (RC and Other)**	**UP TO 0.03" LONGITUDINAL AND VERTICAL CRACKS IN TOP AND ENDS OF RAIL IN VARIOUS LOCATIONS**	2	16		Feet
331	**Delamination/Spall**	**SPALLS WITH EXPOSED REBAR UP TO 6" X 4" X 1/4" DEEP IN BOTTOM OF RAIL IN VARIOUS LOCATIONS**	2	31	31	Feet
331	**Delamination/Spall**	**THREE (3) SPALLS UP TO 4" X 3 1/2" X 1/4" DEEP IN FACE OF RAIL AND RAIL POSTS IN VARIOUS LOCATIONS**	2	3	3	Feet
331	**Cracking (RC and Other)**	**ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE**	1			Feet

General Comments

AGGREGATE EXPOSED BUT SECURE THROUGHOUT

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	55	0	0	0	55	Feet
515	Steel Protective Coating	446	342	0	0	104	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 5" HIGH DOWN TO 0.470" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.401" RESIDUAL FLANGE AT BENT 3 BEARING**	4	3	3	Feet
107	**Corrosion**	**(PAR) CORROSION EXTENDING 5' FROM BENT 2 WEB, 0.251" REMAINING UP 3" FROM FLANGE**	4	3	3	Feet
107	**Corrosion**	**(PAR) INTERMITTENT FULL LENGTH, CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 5" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 5" WIDE IN BOTTOM OF MIDSPAN FLANGE WITH NO MEASURABLE SECTION LOSS**	4	49	49	Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 5" HIGH IN WEB, AND 5" WIDE IN FLANGE INTERMITTENT FULL LENGTH**	4	98	98	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 5" HIGH IN WEB, AND 36" LONG X 5" WIDE IN FLANGE AT BENT 3 BEARING**	4	6	6	Square Feet

General Comments

Span 3 — Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BENT 1 BEARING (SEE PHOTO)**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BENT 1 BEARING**	3	1	1	Square Feet

General Comments

Span 3 Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	Corrosion	AREAS OF SURFACE CORROSION THROUGHOUT BEAM 1 BEARING	2	1		Each
515	Effectiveness (Steel Protective Coatings)	AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 1 BEARING	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	55	7	4	0	44	Feet
515	Steel Protective Coating	446	351	0	7	88	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 32" LONG X 5" HIGH DOWN TO 0.212" RESIDUAL WEB, AND 34" LONG X 11 3/4" WIDE DOWN TO 0.350" RESIDUAL FLANGE AT BENT 3 BEARING	4	3	3	Feet
107	Corrosion	(PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 12" LONG X 24" HIGH DOWN TO 0.405" RESIDUAL WEB AT END OF BEAM AT BENT 2	4	1	1	Feet
107	Corrosion	(PAR) INTERMITTENT FULL LENGTH CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 6" HIGH DOWN TO 0.40" RESIDUAL WEB, AND 5" WIDE DOWN TO 0.50" RESIDUAL FLANGE, BEGINNING 4' FROM BENT 2 (NO PHOTO)	4	40	40	Feet
107	Corrosion	SURFACE CORROSION THROUGHOUT 37" LONG X 5" WIDE PLATE REPAIR ON BOTTOM FLANGE, AND 36" LONG X 6" HIGH PLATE REPAIR ON WEB ON LEFT SIDE OF BEAM AT BENT 2	2			Feet
107	Corrosion	SURFACE CORROSION THROUGHOUT 48" LONG X 6" HIGH PLATE REPAIR WELDED TO RIGHT FACE OF WEB AT BENT 2	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 32" LONG X 5" HIGH IN WEB, AND 34" LONG X 11 3/4" WIDE IN FLANGE AT BENT 3 BEARING	4	6	6	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB UP TO 12" LONG X 24" HIGH AT END OF BEAM AT BENT 2	4	2	2	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 6" HIGH IN WEB, AND 5" WIDE IN FLANGE, BEGINNING 4' FROM BENT 2	4	80	80	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THROUGHOUT 37" LONG X 5" WIDE PLATE REPAIR ON BOTTOM FLANGE, AND 36" LONG X 6" HIGH PLATE REPAIR ON WEB ON LEFT SIDE OF BEAM AT BENT 2	3	3	3	Square Feet
515	Effectiveness (Steel Protective Coatings)	DETERIORATED PAINT SYSTEM THROUGHOUT 48" LONG X 6" HIGH PLATE REPAIR WELDED TO RIGHT FACE OF WEB AT BENT 2	3	4	4	Square Feet

General Comments

Span 3 — Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 2 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 2 BEARING**	3	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 2 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 2 BEARING**	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	55	30	17	0	8	Feet
515	Steel Protective Coating	446	398	0	34	14	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 15" LONG X 5" HIGH DOWN TO 0.503" RESIDUAL WEB, AND 18" LONG X 11 3/4" WIDE DOWN TO 0.199" RESIDUAL FLANGE AT BENT 3 BEARING**	4	2	2	Feet
107	**Corrosion**	**(PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 72" LONG X 24" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 72" LONG X 11 1/2" WIDE DOWN TO 0.360" RESIDUAL FLANGE AT BENT 2 BEARING (SEE PHOTOS)**	4	6	6	Feet
107	**Corrosion**	**CORROSION WITH NO MEASURABLE LOSS OF SECTION THROUGHOUT 24" LONG X 5" WIDE PLATE REPAIR ON BOTTOM FLANGE, AND SURFACE CORROSION THROUGHOUT 24" LONG X 6" HIGH PLATE REPAIR ON WEB ON RIGHT SIDE OF BEAM AT BENT 2**	2	2		Feet
107	**Corrosion**	**SURFACE CORROSION ALONG LEFT FACE OF WEB AND TOP OF BOTTOM FLANGE, BEGINNING 5' FROM BENT 2 CAP**	2	15		Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 15" LONG X 5" HIGH IN WEB, AND 18" LONG X 11 3/4" WIDE IN FLANGE AT BENT 3 BEARING**	4	2	2	Square Feet

515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 72" LONG X 24" HIGH IN WEB, AND 72" LONG X 11 1/2" WIDE IN FLANGE AT BENT 2 BEARING**	4	12	12	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND TOP OF BOTTOM FLANGE, BEGINNING 5' FROM BENT 2 CAP**	3	30	30	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT 24" LONG X 5" WIDE PLATE REPAIR ON BOTTOM FLANGE, AND THROUGHOUT 24" LONG X 6" HIGH PLATE REPAIR ON WEB ON RIGHT SIDE OF BEAM AT BENT 2**	3	4	4	Square Feet

General Comments

Span 3 — Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 3 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 3 BEARING**	3	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 3 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 3 BEARING**	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	55	41	5	0	9	Feet
515	Steel Protective Coating	446	422	0	10	14	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 38" LONG X 7" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 41" LONG X 11 3/4" WIDE DOWN TO 0.485" RESIDUAL FLANGE AT BENT 3 BEARING**	4	4	4	Feet

107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 6" HIGH DOWN TO 0.342" RESIDUAL WEB, AND 39" LONG X 11 3/4" WIDE DOWN TO 0.505" RESIDUAL FLANGE AT BENT 2 BEARING**	4	5	5	Feet
107	**Corrosion**	**SURFACE CORROSION ALONG LEFT FACE OF WEB AND TOP OF BOTTOM FLANGE IN VARIOUS LOCATIONS**	2	5		Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 38" LONG X 7" HIGH IN WEB, AND 41" LONG X 11 3/4" WIDE IN FLANGE AT BENT 3 BEARING**	4	4	4	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 6" HIGH IN WEB, AND 39" LONG X 11 3/4" WIDE IN FLANGE AT BENT 2 BEARING**	4	10	10	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND TOP OF BOTTOM FLANGE IN VARIOUS LOCATIONS**	3	10	10	Square Feet

General Comments

Span 3 — Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 4 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING**	3	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 4 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING**	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	55	38	5	0	12	Feet
515	Steel Protective Coating	446	429	0	5	12	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 24" LONG X 13" HIGH DOWN TO 0.301" RESIDUAL WEB, AND 29" LONG X 11 3/4" WIDE DOWN TO .443" RESIDUAL FLANGE AT BENT 3 BEARING**	4	3	3	Feet
107	**Corrosion**	**(PAR) CORROSION AND EVIDENCE OF CORROSION BENEATH PAINT REPAIR ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 6" HIGH DOWN TO 0.429" RESIDUAL WEB, AND 90" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 2 BEARING**	4	9	9	Feet
107	**Corrosion**	**SURFACE CORROSION ALONG LEFT FACE OF WEB AND TOP OF BOTTOM FLANGE IN VARIOUS LOCATIONS**	2	5		Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 6" HIGH IN WEB, AND 90" LONG X 11 3/4" WIDE IN FLANGE AT BENT 2 BEARING**	4	9	9	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 24" LONG X 13" HIGH IN WEB, AND 29" LONG X 11 3/4" WIDE IN FLANGE AT BENT 3 BEARING**	4	3	3	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND TOP OF BOTTOM FLANGE IN VARIOUS LOCATIONS**	3	5	5	Square Feet

General Comments

Span 3 — Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 5 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 5 BEARING**	3	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 5 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 5 BEARING**	3	1	1	Square Feet

General Comments

Span 3 Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	55	13	28	0	14	Feet
515	Steel Protective Coating	446	396	0	36	14	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 20" LONG X 3" HIGH DOWN TO 0.362" RESIDUAL WEB, AND 11" LONG X 11 3/4" WIDE DOWN TO 0.543" RESIDUAL FLANGE AT BENT 3 BEARING**	4	2	2	Feet
107	**Corrosion**	**12' SECTION OF CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 4" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 5" WIDE DOWN TO 0.623" RESIDUAL FLANGE, BEGINNING 7' FROM BENT 2 CAP**	4	12	12	Feet
107	**Corrosion**	**SURFACE CORROSION ALONG LEFT FACE OF WEB AND TOP OF BOTTOM FLANGE AT MIDSPAN**	2	20		Feet
107	**Corrosion**	**SURFACE CORROSION AND EVIDENCE OF CORROSION BENEATH PAINT REPAIR ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 96" LONG X 24" HIGH IN WEB, AND 96" LONG X 11 3/4" WIDE IN FLANGE AT BENT 2 BEARING, CONDITION ON RIGHT SIDE SHOWN IN PHOTO**	2	8		Feet
515	**Effectiveness (Steel Protective Coatings)**	**12' SECTION OF DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 4" HIGH IN WEB, AND 5" WIDE IN FLANGE, BEGINNING 7' FROM BENT 2 CAP**	4	12	12	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 20" LONG X 3" HIGH IN WEB, AND 11" LONG X 11 3/4" WIDE IN FLANGE AT BENT 3 BEARING**	4	2	2	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 96" LONG X 24" HIGH IN WEB, AND 96" LONG X 11 3/4" WIDE IN FLANGE AT BENT 2 BEARING**	3	16	16	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND TOP OF BOTTOM FLANGE AT MIDSPAN**	3	20	20	Square Feet

General Comments

Span 3 Near Bearing

Movable Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 6 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 6 BEARING**	3	1	1	Square Feet

General Comments

Span 3 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 6 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 6 BEARING**	3	1	1	Square Feet

General Comments

Span 3 — Expansion Joint 2

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	50	19	9	22	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
301	**Seal Adhesion**	**FULL DEPTH SEPARATION OF JOINT MATERIAL ALONG BENT 2 JOINT IN VARIOUS LOCATIONS**	3	22		Feet
301	**Debris Impaction**	**DIRT AND DEBRIS ACCUMULATION ALONG BENT 2 JOINT IN BOTH SHOULDER**	2	9		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	2,553	0	2,545	8	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
12	**Cracking (RC and Other)**	**58" X UP TO 1/8" DIAGONAL CRACK IN TOP OF DECK IN WESTBOUND LANE NEAR END BENT 2 FILL FACE**	3	5	5	Square Feet
12	**Delamination/Spall**	**(PAR) 15' X 11" X 3 1/2" DEEP SPALL WITH EXPOSED REBAR IN TOP OF DECK IN WHEEL LINE OF EASTBOUND LANE AT BENT 3 JOINT**	3	2	2	Square Feet
12	**Delamination/Spall**	**11" X 4" X 2" DEEP SPALL IN TOP OF DECK IN RIGHT SHOULDER AT BENT 3 JOINT**	3	1	1	Square Feet
12	**Abrasion/Wear (PSC/RC)**	**SCALING WITH EXPOSED AGGREGATE IN TOP OF DECK THROUGHOUT TRAVEL LANES**	2	1,662		Square Feet
12	**Cracking (RC and Other)**	**UP TO 0.02" MAP CRACKS IN TOP OF DECK IN VARIOUS LOCATIONS**	2	850	850	Square Feet
12	**Cracking (RC and Other)**	**UP TO 0.035" TRANSVERSE CRACKS IN TOP OF DECK IN TRAVEL LANES AT BENT 3 JOINT**	2	20	20	Square Feet
12	**Cracking (RC and Other)**	**UP TO 0.035" TRANSVERSE CRACKS IN TOP OF DECK IN TRAVEL LANES AT END BENT 2 FILL FACE**	2	13	13	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	55	32	23	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	UP TO 0.03" LONGITUDINAL AND VERTICAL CRACKS IN TOP AND ENDS OF RAIL IN VARIOUS LOCATIONS	2	9		Feet
331	Delamination/Spall	4 1/2" X 2 1/2" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN EAST FACE OF RAIL POST NEAR MIDSPAN	2	1	1	Feet
331	Delamination/Spall	4" X 1 1/2" X 2" SPALL IN TOP AND WEST END OF RAIL, APPROXIMATELY 17' FROM END BENT 2 FILL FACE	2	1	1	Feet
331	Delamination/Spall	5" X 1 1/2" X 3/4" DEEP SPALL WITH EXPOSED REBAR IN FACE OF END POST AT END BENT 2 FILL FACE	2	1	1	Feet
331	Delamination/Spall	FIVE (5) SPALLS UP TO 4" X 4" X 1/4" DEEP IN FACE OF RAIL POSTS IN VARIOUS LOCATIONS	2	5	5	Feet
331	Delamination/Spall	FIVE (5) SPALLS WITH EXPOSED REBAR UP TO 5" X 4" X 1/2" DEEP IN BOTTOM OF RAIL IN VARIOUS LOCATIONS	2	5	5	Feet
331	Exposed Rebar	TWO (2) AREAS OF EXPOSED REBAR UP TO 3" X 2" IN EAST FACE OF RAIL POST AT BENT 3 JOINT	2	1	1	Feet
331	Cracking (RC and Other)	ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE	1			Feet

General Comments

AGGREGATE EXPOSED BUT SECURE THROUGHOUT

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	55	34	20	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
331	Cracking (RC and Other)	AT END BENT 2 END RAIL, 1' LONG X UP TO 0.0625" WIDE ALONG TOP OF RAIL	3	1	1	Feet
331	Cracking (RC and Other)	UP TO 0.05" LONGITUDINAL AND VERTICAL CRACKS IN TOP AND ENDS OF RAIL IN VARIOUS LOCATIONS	2	18		Feet
331	Delamination/Spall	THREE (3) SPALLS WITH EXPOSED REBAR UP TO 5" X 3 1/2" X 1/2" DEEP IN BOTTOM OF RAIL, APPROXIMATELY 14' FROM BENT 3 JOINT	2	2	2	Feet
331	Cracking (RC and Other)	ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE	1			Feet

General Comments

AGGREGATE EXPOSED BUT SECURE THROUGHOUT

Span 4 — Beam 1

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	55	28	27	0	0	Feet
515	Steel Protective Coating	443	396	0	47	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS	2	20		Feet
107	Corrosion	CORROSION WITH NO MEASURABLE LOSS OF SECTION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 40" LONG X 4" HIGH IN WEB, AND 13" LONG X 5" WIDE IN BOTTOM FLANGE AT END BENT 2	2	4		Feet

107	**Corrosion**	**SURFACE CORROSION ALONG BOTH FACES OF WEB UP TO 34" LONG X 4" HIGH AT BENT 3 BEARING**	2	3		Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	40	40	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 40" LONG X 4" HIGH IN WEB, AND 13" LONG X 5" WIDE IN BOTTOM FLANGE AT END BENT 2**	3	4	4	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG RIGHT FACE OF WEB UP TO 34" LONG X 4" HIGH AT BENT 3 BEARING**	3	3	3	Square Feet

General Comments

Span 4 — Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 1 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 1 BEARING**	3	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**SURFACE CORROSION THROUGHOUT BEAM 1 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 1 BEARING**	3	1	1	Square Feet

General Comments

Span 4 — Beam 2

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	55	26	24	5	0	Feet
515	Steel Protective Coating	443	389	0	44	10	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 5' LONG X 6" HIGH WITH NO MEASURABLE SECTION LOSS IN WEB AND 5' LONG X 11 3/4" WIDE DOWN TO 5/8" RESIDUAL FLANGE AT BENT 3 BEARING**	3	5		Feet
107	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	2	20		Feet

107	**Corrosion**	**UP TO 40" LONG X 5" WIDE AREAS OF SURFACE CORROSION ALONG BOTTOM FLANGE, AND 24" LONG X 2" HIGH IN RIGHT FACE OF WEB AT END BENT 2 BEARING**	2	4		Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 5' LONG X 6" HIGH IN WEB AND 5' LONG X 11 3/4" WIDE IN FLANGE AT BENT 3 BEARING**	4	10	10	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	40	40	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**UP TO 40" LONG X 5" WIDE AREAS OF DETERIORATED PAINT SYSTEM ALONG BOTTOM FLANGE, AND 24" LONG X 2" HIGH IN RIGHT FACE OF WEB AT END BENT 2 BEARING**	3	4	4	Square Feet

General Comments

Span 4 — Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 2 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 2 BEARING**	3	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**SURFACE CORROSION THROUGHOUT BEAM 2 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 2 BEARING**	3	1	1	Square Feet

General Comments

Span 4 — Beam 3

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	55	41	12	0	2	Feet
515	Steel Protective Coating	443	417	0	24	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14" LONG X 8" HIGH DOWN TO 0.236" RESIDUAL WEB, AND 24" LONG X 11 3/4" WIDE DOWN TO 0.200" RESIDUAL FLANGE AT BENT 3 BEARING**	4	2	2	Feet
107	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	2	10		Feet

107	**Corrosion**	**UP TO 14" LONG X 5" WIDE AREAS OF SURFACE CORROSION ALONG BOTTOM FLANGE, AND 4" LONG X 3" HIGH IN LEFT FACE OF WEB AT END BENT 2 BEARING**	2	2		Feet
515	**Effectiveness (Steel Protective Coatings)**	**UP TO 14" LONG X 5" WIDE AREAS OF DETERIORATED PAINT SYSTEM ALONG BOTTOM FLANGE, AND 4" LONG X 3" HIGH IN LEFT FACE OF WEB AT END BENT 2 BEARING**	4	2	2	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	20	20	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14" LONG X 8" HIGH IN WEB, AND 24" LONG X 11 3/4" WIDE IN FLANGE AT BENT 3 BEARING**	3	4	4	Square Feet

General Comments

Span 4 — Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 3 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 3 BEARING**	3	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**SURFACE CORROSION THROUGHOUT BEAM 3 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 3 BEARING**	3	1	1	Square Feet

General Comments

Span 4 — Beam 4

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	55	36	10	0	9	Feet
515	Steel Protective Coating	443	408	0	20	15	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 108" LONG X 20" HIGH DOWN TO 0.393" RESIDUAL WEB, AND 103" LONG X 11 3/4" WIDE DOWN TO 0.500" RESIDUAL FLANGE AT BENT 3 BEARING**	4	9	9	Feet
107	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	2	10		Feet

515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 108" LONG X 20" HIGH IN WEB, AND 103" LONG X 11 3/4" WIDE IN FLANGE AT BENT 3 BEARING**	4	15	15	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	20	20	Square Feet

General Comments

Span 4 — Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 4 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING**	3	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**SURFACE CORROSION THROUGHOUT BEAM 4 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING**	3	1	1	Square Feet

General Comments

Span 4 — Beam 5

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	55	34	12	0	9	Feet
515	Steel Protective Coating	443	412	0	22	9	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 19" HIGH DOWN TO 0.358" RESIDUAL WEB, AND 72" LONG X 11 3/4" WIDE DOWN TO 0.459" RESIDUAL FLANGE AT BENT 3 BEARING**	4	9	9	Feet
107	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	2	10		Feet
107	**Corrosion**	**UP TO 2' LONG X 5" WIDE AREA OF SURFACE CORROSION ALONG LEFT FACE OF BOTTOM FLANGE AT END BENT 2 BEARING**	2	2		Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 19" HIGH IN WEB, AND 72" LONG X 11 3/4" WIDE IN FLANGE AT BENT 3 BEARING**	4	9	9	Square Feet

515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS**	3	20	20	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**UP TO 2' LONG X 5" WIDE AREA OF DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF BOTTOM FLANGE AT END BENT 2 BEARING**	3	2	2	Square Feet

General Comments

Span 4 — Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 5 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 5 BEARING**	3	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**SURFACE CORROSION THROUGHOUT BEAM 5 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 5 BEARING**	3	1	1	Square Feet

General Comments

Span 4 — Beam 6

Plate Girder

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	55	0	38	10	7	Feet
515	Steel Protective Coating	443	382	0	43	18	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	**Corrosion**	**(PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18" LONG X 7" HIGH DOWN TO 0.542" RESIDUAL WEB, AND 14" LONG X 5" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT END BENT 2 BEARING (NO PHOTO)**	4	2	2	Feet
107	**Corrosion**	**CORROSION ON BOTTOM FLANGE, FULL WIDTH EXTENDING 5' FROM BENT 3, DOWN TO 0622" REMAINING FLANGE DEPTH**	4	5	5	Feet
107	**Corrosion**	**10' SECTION OF AREAS OF CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 56" LONG X 3 1/2" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 42" LONG X 5" WIDE DOWN TO 11/16" RESIDUAL FLANGE, BEGINNING 12' FROM END BENT 2 CAP (SEE PHOTO)**	3	10	10	Feet

107	**Corrosion**	**SURFACE CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 8" HIGH IN WEB AND 11 3/4" WIDE IN FLANGE**	2	38		Feet
515	**Effectiveness (Steel Protective Coatings)**	**10' SECTION OF AREAS OF DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 56" LONG X 3 1/2" HIGH IN WEB, AND 42" LONG X 5" WIDE IN FLANGE, BEGINNING 12' FROM END BENT 2 CAP**	4	10	10	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT ON BOTTOM FLANGE, FULL WIDTH EXTENDING 5' FROM BENT 3**	4	5	5	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18" LONG X 7" HIGH IN WEB, AND 14" LONG X 5" WIDE IN FLANGE AT END BENT 2 BEARING**	4	3	3	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 8" HIGH IN WEB AND 11 3/4" WIDE IN FLANGE**	3	43	43	Square Feet

General Comments

Span 4 — Near Bearing

Movable Bearing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
311	Movable Bearing	1	0	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	
311	**Corrosion**	**AREAS OF SURFACE CORROSION THROUGHOUT BEAM 6 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 6 BEARING**	3	1	1	Square Feet

General Comments

Span 4 — Far Bearing

Fixed Bearing

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
313	**Corrosion**	**SURFACE CORROSION THROUGHOUT BEAM 6 BEARING**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 6 BEARING**	3	1	1	Square Feet

General Comments

Span 4 — Expansion Joint 3

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	50	31	0	17	2	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
301	**Seal Damage**	**13" SECTION OF MISSING JOINT MATERIAL ALONG BENT 3 JOINT IN EASTBOUND LANE**	4	2	2	Feet

301	**Seal Adhesion**	**FULL DEPTH SEPARATION OF JOINT MATERIAL THROUGHOUT BENT 3 JOINT IN VARIOUS LOCATIONS**	3	17	Feet

General Comments

End Bent 1 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	53	9	38	6	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	**Cracking (RC and Other)**	**UP TO 1/16" LONGITUDINAL, VERTICAL AND HORIZONTAL CRACKS IN TOP AND FACE OF CAP, BENEATH BEAM 4 AND BAY 4**	3	6	6	Feet
234	**Cracking (RC and Other)**	**UP TO 0.05" LONGITUDINAL, VERTICAL AND HORIZONTAL CRACKS WITH AND WITHOUT EFFLORESCENCE IN TOP AND FACE OF CAP AND BRACE PILE CAPS BENEATH BAYS 1 THRU 3 AND 5 THRU RIGHT END**	2	34		Feet
234	**Efflorescence/Rust Staining**	**44" X 14" AREA OF HAIRLINE MAP CRACKS UP TO 0.01" WIDE WITH EFFLORESCENCE IN FACE OF CAP AT LEFT END**	2	4		Feet

General Comments

WATER PONDING AND STAINS THROUGHOUT CAP

Bent 1 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	45	4	18	23	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	**Cracking (RC and Other)**	**BOTH FACES, UP TO 1/4" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKS WITH AND WITHOUT EFFLORESCENCE AND RUST STAINING WITH UP TO 8' X 31" AREAS OF DELAMINATION THROUGHOUT CAP BENEATH BAYS 2 THRU 4**	3	20	20	Feet
234	**Cracking (RC and Other)**	**UP TO 1/8" LONGITUDINAL AND HORIZONTAL CRACKS AND UP TO 0.02" MAP CRACKS WITH AND WITHOUT EFFLORESCENCE THROUGHOUT RIGHT END OF CAP**	3	2	2	Feet
234	**Exposed Rebar**	**PAR: TWO (2) SPALLS WITH EXPOSED REBAR UP TO 6" X 4" X 1" DEEP IN RIGHT END OF CAP WITH ACTIVE SECTION LOSS**	3	1	1	Feet
234	**Cracking (RC and Other)**	**UP TO 0.04" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKS WITH AND WITHOUT EFFLORESCENCE THROUGHOUT LEFT END OF CAP AND IN VARIOUS LOCATIONS**	2	18		Feet

General Comments

Bent 1 Pile 1

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	**Cracking (RC and Other)**	**UP TO 14' X 1/8" VERTICAL CRACKS THROUGHOUT COLUMN AT WATER SURFACE & UP TO CAP**	3	1	46	Each

205	**Abrasion/Wear (PSC/RC)**	**UNDERWATER INSPECTION: ABRASION TO 0.125 INCH FROM HIGHWATER MARK DOWN 2 FEET BELOW WATERLINE..**	2	Each
205	Cracking (RC and Other)	2 FEET OF HAIRLINE TO 0.0312 CRACKS FROM BOTTOM OF STRUT DOWN 4 FEET BELOW WATERLINE TO MUDLINE.	2	Each
205	Cracking (RC and Other)	UNDERWATER INSPECTION: 3 FEET OF HAIRLINE TO 0.125 INCH CRACKS FROM BOTTOM OF CAP DOWN 4 FEET BELOW WATERLINE TO MUDLINE ON FACES 1, 2, AND 3.	2	Each

General Comments

CRACKING IN TOP OF PILE BETWEEN 2 & 3 UP TO 1/4"

Bent 1 — Pile 2

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	**Cracking (RC and Other)**	**36" X 1/16" VERTICAL CRACKS IN NORTHEAST CORNER OF COLUMN, APPROXIMATELY 47" FROM BOTTOM OF CAP**	3		3	Each
205	Cracking (RC and Other)	UNDERWATER INSPECTION: 4 FEET OF 0.0625 INCH TO 0.125 INCH CRACKS FROM 15 FEET ABOVE WATERLINE DOWN 4 FEET TO MUDLINE ON ALL FACES.	3		80	Each
205	**Cracking (RC and Other)**	**UP TO 48" X 1/8" VERTICAL CRACKS THROUGHOUT COLUMN AT WATER SURFACE**	3	1	16	Each
205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION: ABRASION TO 0.125 INCH FROM HIGHWATER MARK DOWN 2 FEET BELOW WATERLINE..	2			Each

General Comments

Bent 1 — Pile 3

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION: ABRASION TO 0.125 INCH FROM HIGHWATER MARK DOWN 2 FEET BELOW WATERLINE..	2			Each
205	**Cracking (RC and Other)**	**UP TO 8' X 0.03" VERTICAL CRACKS THROUGHOUT COLUMN**	2	1		Each

General Comments

End Bent 1 — Abutment

Reinforced Concrete Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	53	13	40	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
215	**Cracking (RC and Other)**	**UP TO 0.03" LONGITUDINAL AND MAP CRACKS THROUGHOUT FACE OF CURTAIN WALL IN BAYS 1 THRU 5**	2	40		Feet

General Comments

Bent 2 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	45	0	41	4	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	**Cracking (RC and Other)**	**48" SECTION OF UP TO 1/16" HORIZONTAL AND MAP CRACKS IN SPAN 2 FACE AND BOTTOM OF CAP, APPROXIMATELY 6' TO LEFT OF COLUMN 2**	3	4	4	Feet
234	**Cracking (RC and Other)**	**3' SECTION OF UP TO 0.04" HORIZONTAL AND VERTICAL CRACKS WITH RUST STAINING WITH 18" X 16" AREA OF DELAMINATION IN SPAN 2 FACE OF CAP BENEATH BEAM 4**	2	3		Feet
234	**Cracking (RC and Other)**	**LEFT END, 1' LONG X UP TO 0.05" WIDE HORIZONTAL CRACK ON NEAR FACE WRAPPING TO END**	2	1		Feet
234	**Cracking (RC and Other)**	**LONGITUDINAL CRACKING IN RIGHT END UP TO 1/16"**	2	5		Feet
234	**Delamination/Spall**	**NEAR FACE, ABOVE COLUMN 2, DELAMINATED AREA 2' HIGH X 8" WIDE**	2	1		Feet
234	**Efflorescence/Rust Staining**	**RANDOM CRACKING UP TO 0.03" INTERMITTENT THROUGHOUT, SOME WITH EFFLORESCENCE**	2	31		Feet

General Comments

Bent 2 Pile 1

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	UNDERWATER INSPECTION: 4 FEET OF HAIRLINE TO 0.125 INCH CRACKS FROM BOTTOM OF CAP DOWN 4 FEET BELOW WATERLINE TO MUDLINE ON ALL FACES.	3		25	Each
205	**Cracking (RC and Other)**	**UP TO 66" X 1/16" VERTICAL CRACKS THROUGHOUT COLUMN AT WATER SURFACE**	3	1	24	Each
205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION: ABRASION TO 0.125 INCH FROM HIGHWATER MARK DOWN 2 FEET BELOW WATERLINE..	2			Each
205	**Cracking (RC and Other)**	**UP TO 0.02" VERTICAL CRACKS AND HAIRLINE MAP CRACKS WITH AND WITHOUT EFFLORESCENCE THROUGHOUT COLUMN**	2			Each

General Comments

Bent 2 Pile 2

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	Cracking (RC and Other)	UNDERWATER INSPECTION: 4 FEET OF HAIRLINE TO 0.0.625 INCH CRACKS FROM BOTTOM OF CAP DOWN 4 FEET BELOW WATERLINE TO MUDLINE ON ALL FACES.	3		25	Each
205	**Cracking (RC and Other)**	**UP TO 18' X 1/16" VERTICAL CRACKS THROUGHOUT COLUMN, CRACK IN SPAN 2 FACE SHOWN IN PHOTO**	3	1	72	Each
205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION: ABRASION TO 0.125 INCH FROM HIGHWATER MARK DOWN 2 FEET BELOW WATERLINE..	2			Each

General Comments

Bent 2 Pile 3

Reinforced Concrete Column

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
205	**Cracking (RC and Other)**	**UP TO 8' X 1/16" VERTICAL CRACKS THROUGHOUT COLUMN AT WATER SURFACE & UP TO CAP**	3	1	32	Each
205	Abrasion/Wear (PSC/RC)	UNDERWATER INSPECTION: ABRASION TO 0.125 INCH FROM HIGHWATER MARK DOWN 2 FEET BELOW WATERLINE..	2			Each
205	**Cracking (RC and Other)**	**22" X 5" X 5" AREA OF DELAMINATION WITH UP TO 0.05" VERTICAL CRACKS IN SOUTHWEST CORNER OF COLUMN, APPROXIMATELY 3' FROM BOTTOM OF CAP**	2			Each
205	Cracking (RC and Other)	UNDERWATER INSPECTION: 2 FEET OF HAIRLINE TO 0.0312 INCH CRACKS FROM 10 FEET ABOVE WATERLINE DOWN 5 FEET TO MUDLINE ON FACES 1 AND 3.	2			Each
205	**Cracking (RC and Other)**	**UP TO 9' X 0.02" VERTICAL CRACKS THROUGHOUT COLUMN**	2			Each

General Comments

End Bent 2 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	53	3	21	29	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	**Cracking (RC and Other)**	**UP TO 1/16" LONGITUDINAL AND HORIZONTAL CRACKS IN TOP AND FACE OF CAP BENEATH BAYS 1 AND 2**	3	14		Feet
234	**Cracking (RC and Other)**	**UP TO 5/16" LONGITUDINAL AND HORIZONTAL CRACKS IN FACE OF CAP BENEATH BAYS 4 AND 5**	3	15		Feet
234	**Cracking (RC and Other)**	**UP TO 0.016" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN TOP AND FACE OF CAP AND BRACE PILE CAP AT LEFT END**	2	8		Feet
234	**Cracking (RC and Other)**	**UP TO 0.016" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN TOP AND FACE OF CAP AT RIGHT END**	2	4		Feet
234	**Delamination/Spall**	**105" X 23" SECTION OF UP TO 22" X 20" AREAS OF SCALING WITH EXPOSED AGGREGATE IN FACE OF CAP AND BRACE PILE CAP BENEATH BAY 3**	2	9	9	Feet

General Comments

WATER PONDING AND STAINS THROUGHOUT CAP

End Bent 2 Abutment

Reinforced Concrete Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	53	40	13	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
215	**Cracking (RC and Other)**	**UP TO 0.02" HORIZONTAL AND MAP CRACKS THROUGHOUT FACE OF CURTAIN WALL IN BAYS 1 THRU 5**	2	8		Feet

215	**Cracking (RC and Other)**	**UP TO 0.035" HORIZONTAL CRACKS AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN FACE OF CURTAIN WALL AT RIGHT END**	2	3	Feet
215	**Cracking (RC and Other)**	**UP TO 0.04" HORIZONTAL CRACKS AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN FACE OF CURTAIN WALL AT LEFT END**	2	2	Feet

General Comments

Bent 3 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	48	0	0	48	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	**Cracking (RC and Other)**	**UP TO 1/4" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN BOTTOM AND BOTH FACES OF CAP**	3	48	48	Feet

General Comments

Bent 3 Pile 1

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	85	0	0	82	3	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**(PAR) CORROSION ALONG BOTH FLANGES UP TO 6" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT BOTTOM OF CAP WITH UP TO 100% SECTION LOSS ON FAR FLANGE 4" WIDE X 1" HIGH ADJACENT TO CAP AND NEAR FLANGE**	4	1	1	Each
225	**Corrosion**	**(PAR) CORROSION ALONG RIGHT EDGE OF NEAR FLANGE UP TO 23" HIGH X 6" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT**	4		2	Each
225	**Corrosion**	**AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 6" HIGH X 12" WIDE FLANGE AT BOTTOM OF CAP**	4	1	1	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG RIGHT EDGE OF NEAR FLANGE UP TO 23" HIGH X 6" WIDE ABOVE CONCRETE ENCASEMENT**	4	2	2	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT PILE**	3	82	82	Square Feet

General Comments

Bent 3 Pile 2

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	80	0	0	78	2	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

225	**Corrosion**	**(PAR) CORROSION ALONG NEAR FLANGE UP TO 3" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE WITH 3/16" DIAMETER HOLE AT BOTTOM OF CAP UP TO 3" LONG**	4	1	1	Each
225	**Corrosion**	**CORROSION ALONG NEAR FLANGE UP TO 10" HIGH X 12" WIDE DOWN TO 7/16" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT, CONDITION IN RIGHT EDGE SHOWN IN PHOTOS**	3		1	Each
225	**Corrosion**	**AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE**	2			Each
225	**Corrosion**	**SURFACE CORROSION THROUGHOUT UP TO 12" WIDE X 10" HIGH PLATE REPAIRS WELDED TO BOTH FACES OF FAR FLANGE AT BOTTOM OF CAP (SEE PHOTO)**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG NEAR FLANGE UP TO 10" HIGH X 12" WIDE ABOVE CONCRETE ENCASEMENT**	4	1	1	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG NEAR FLANGE UP TO 3" HIGH X 12" WIDE AT BOTTOM OF CAP**	4	1	1	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT PILE**	3	77	77	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT UP TO 12" WIDE X 10" HIGH PLATE REPAIRS WELDED TO BOTH FACES OF FAR FLANGE AT BOTTOM OF CAP**	3	1	1	Square Feet

General Comments

UP TO 1/16" TRANSVERSE AND VERTICAL CRACKS IN ENCASEMENT

Bent 3 Pile 3

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	80	0	0	76	4	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**(PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT**	4	1	1	Each
225	**Corrosion**	**AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE**	2			Each
225	**Corrosion**	**SURFACE CORROSION THROUGHOUT UP TO 12" WIDE X 10" HIGH PLATE REPAIRS WELDED TO BOTH FLANGES AT BOTTOM OF CAP**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE ABOVE CONCRETE ENCASEMENT**	4	4	4	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT PILE**	3	75	75	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT UP TO 12" WIDE X 10" HIGH PLATE REPAIRS WELDED TO BOTH FLANGES AT BOTTOM OF CAP**	3	1	1	Square Feet

General Comments

UP TO 1/16" TRANSVERSE AND VERTICAL CRACKS IN ENCASEMENT

Bent 3 Pile 4

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	80	0	0	75	5	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**(PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE ABOVE CONCRETE ENCASEMENT (NO PHOTO)**	4	1	1	Each

225	**Corrosion**	**(PAR) CORROSION ALONG BOTH FLANGES UP TO 5" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE AT BOTTOM OF CAP**	4		1	Each
225	**Corrosion**	**(PAR) FAR FLANGE DOWN TO KNIFE EDGE**	4		2	Each
225	**Corrosion**	**AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE ABOVE CONCRETE ENCASEMENT**	4	4	4	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 5" HIGH X 12" WIDE AT BOTTOM OF CAP**	4	1	1	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT PILE**	3	75	75	Square Feet

General Comments

UP TO 1/16" TRANSVERSE AND VERTICAL CRACKS IN ENCASEMENT

Bent 3 Pile 5

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	80	0	0	74	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**(PAR) CORROSION ALONG BOTH FLANGES UP TO 11" HIGH X 12" WIDE DOWN TO 3/16" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT (NO PHOTO)**	4		1	Each
225	**Corrosion**	**(PAR) CORROSION ALONG BOTH FLANGES UP TO 24" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 2 1/2" WIDE X 1" HIGH HOLES AT BOTTOM OF CAP**	4	1	2	Each
225	**Corrosion**	**AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 11" HIGH X 12" WIDE ABOVE CONCRETE ENCASEMENT**	4	4	4	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 24" HIGH X 12" WIDE AT BOTTOM OF CAP**	4	2	2	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT PILE**	3	74	74	Square Feet

General Comments

UP TO 1/8" TRANSVERSE AND VERTICAL CRACKS IN ENCASEMENT

Bent 3 Pile 6

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	80	0	0	73	7	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**(PAR) CORROSION ALONG FAR FLANGE UP TO 5" HIGH X 12" WIDE DOWN TO 3/16" RESIDUAL FLANGE, APPROXIMATELY 4' FROM BOTTOM OF CAP**	4		1	Each
225	**Corrosion**	**(PAR) CORROSION ALONG WEB AND BOTH FLANGES UP TO 19" HIGH X 11" WIDE WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 19" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 2 LOCATIONS OF UP TO 6" HIGH X 3" WIDE 100% LOSS OF SECTION ABOVE CONCRETE ENCASEMENT**	4	1	2	Each
225	**Corrosion**	**AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE**	2			Each

225	**Corrosion**	**SURFACE CORROSION THROUGHOUT UP TO 12" WIDE X 9" HIGH PLATE REPAIRS WELDED TO BOTH FLANGES AT BOTTOM OF CAP**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG FAR FLANGE UP TO 5" HIGH X 12" WIDE, APPROXIMATELY 4' FROM BOTTOM OF CAP**	4	1	1	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG WEB AND BOTH FLANGES UP TO 19" HIGH X 11" WIDE IN WEB, AND 19" HIGH X 12" WIDE IN FLANGES ABOVE CONCRETE ENCASEMENT**	4	6	6	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT PILE**	3	73	73	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT UP TO 12" WIDE X 9" HIGH PLATE REPAIRS WELDED TO BOTH FLANGES AT BOTTOM OF CAP**	3		1	Square Feet

General Comments

UP TO 1/4" TRANSVERSE AND VERTICAL CRACKS WITH AND WITHOUT EFFLORESCENCE IN ENCASEMENT

Bent 3 Pile 7

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	80	0	0	75	5	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**(PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT**	4	1	2	Each
225	**Corrosion**	**(PAR) CORROSION ALONG RIGHT EDGE OF FAR FLANGE UP TO 10" HIGH X 9" WIDE DOWN TO 1/4" RESIDUAL FLANGE, APPROXIMATELY 2' FROM BOTTOM OF CAP**	4		1	Each
225	**Corrosion**	**AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE**	2			Each
225	**Corrosion**	**SURFACE CORROSION THROUGHOUT UP TO 12" WIDE X 9" HIGH PLATE REPAIR WELDED TO FACE OF FAR FLANGE AT BOTTOM OF CAP**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE ABOVE CONCRETE ENCASEMENT**	4	4	4	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG RIGHT EDGE OF FAR FLANGE UP TO 10" HIGH X 9" WIDE, APPROXIMATELY**	4	1	1	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT PILE**	3	74	74	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM THROUGHOUT UP TO 12" WIDE X 9" HIGH PLATE REPAIR WELDED TO FACE OF FAR FLANGE AT BOTTOM OF CAP**	3	1	1	Square Feet

General Comments

UP TO 3/8" TRANSVERSE AND VERTICAL CRACKS WITH AND WITHOUT EFFLORESCENCE IN ENCASEMENT

Bent 3 Pile 8

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	80	0	0	75	5	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**(PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT**	4		2	Each

225	**Corrosion**	**(PAR) CORROSION ALONG BOTH FLANGES UP TO 8" HIGH X 12" WIDE DOWN TO 1/8" RESIDUAL FLANGE AT BOTTOM OF CAP**	4	1	1	Each
225	**Corrosion**	**AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE ABOVE CONCRETE ENCASEMENT**	4	4	4	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 8" HIGH X 12" WIDE AT BOTTOM OF CAP**	4	1	1	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT PILE**	3	75	75	Square Feet

General Comments

UP TO 1/4" TRANSVERSE & VERTICAL CRACKS WITH & WITHOUT EFF IN ENCASEMENT. TOP 2' OF E FACE BEGINNING TO DELAMINATE

Bent 3 Pile 9

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	0	0	1	Each
515	Steel Protective Coating	80	0	0	74	6	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**(PAR) CORROSION ALONG BOTH FLANGES UP TO 12" HIGH X 12" WIDE DOWN TO 5/16" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT**	4		1	Each
225	**Corrosion**	**(PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 4" WIDE X 1 1/2" HIGH LOSS OF SECTIONS AT BOTTOM OF CAP**	4	1	2	Each
225	**Corrosion**	**AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE**	2			Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 12" HIGH X 12" WIDE ABOVE CONCRETE ENCASEMENT**	4	4	4	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE AT BOTTOM OF CAP**	4	2	2	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT PILE**	3	74	74	Square Feet

General Comments

UP TO 1/8" TRANSVERSE AND VERTICAL CRACKS WITH AND WITHOUT EFFLORESCENCE IN ENCASEMENT

Bent 3 Pile 10

Steel Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	85	0	0	84	1	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**CORROSION ALONG BOTH FLANGES UP TO 2" HIGH X 12" WIDE DOWN TO 7/16" RESIDUAL FLANGE AT BOTTOM OF CAP**	3		1	Each
225	**Corrosion**	**AREAS OF SURFACE CORROSION AND PITTING THROUGHOUT PILE**	2			Each
225	**Corrosion**	**CORROSION IN SPAN 4 FACE OF FAR FLANGE UP TO 5" HIGH X 2" WIDE WITH NO MEASURABLE LOSS OF SECTION, APPROXIMATELY 12" ABOVE CONCRETE ENCASEMENT**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM ALONG BOTH FLANGES UP TO 2" HIGH X 12" WIDE AT BOTTOM OF CAP**	4	1	1	Square Feet

515	**Effectiveness (Steel Protective Coatings)**	**AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT PILE**	3	83	83	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**DETERIORATED PAINT SYSTEM IN SPAN 4 FACE OF FAR FLANGE UP TO 5" HIGH X 2" WIDE, APPROXIMATELY 12" ABOVE CONCRETE ENCASEMENT**	3	1	1	Square Feet

General Comments

UP TO 0.03" TRANSVERSE AND VERTICAL CRACKS IN ENCASEMENT

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2553
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	55
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	55
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	55
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	55
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	55
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	55
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2553
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	55
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	55
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	55
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	55
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	55
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	55
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 2	Expansion Joint 1	Standard Joint	Pourable Joint Seal	50
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Near Bearing	Movable Bearing	Movable Bearing	1
Span 2	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2553
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	55

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	55
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	55
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	55
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	55
Span 3	Beam 6	Plate Girder	Steel Open Girder/Beam	55
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 3	Expansion Joint 2	Standard Joint	Pourable Joint Seal	50
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Near Bearing	Movable Bearing	Movable Bearing	1
Span 3	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2553
Span 4	Beam 1	Plate Girder	Steel Open Girder/Beam	55
Span 4	Beam 2	Plate Girder	Steel Open Girder/Beam	55
Span 4	Beam 3	Plate Girder	Steel Open Girder/Beam	55
Span 4	Beam 4	Plate Girder	Steel Open Girder/Beam	55
Span 4	Beam 5	Plate Girder	Steel Open Girder/Beam	55
Span 4	Beam 6	Plate Girder	Steel Open Girder/Beam	55
Span 4	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 4	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 4	Expansion Joint 3	Standard Joint	Pourable Joint Seal	50
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Fixed Bearing	Fixed Bearing	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	45
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Bent 1	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Footing	Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	9
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	53
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	53
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	45
Bent 2	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Footing	Reinforced Concrete Footing	Reinforced Concrete Pile Cap/Footing	9
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	53
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	53
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	48
Bent 3	Pile 1	Steel Pile	Steel Pile	1
Bent 3	Pile 2	Steel Pile	Steel Pile	1
Bent 3	Pile 3	Steel Pile	Steel Pile	1
Bent 3	Pile 4	Steel Pile	Steel Pile	1
Bent 3	Pile 5	Steel Pile	Steel Pile	1
Bent 3	Pile 6	Steel Pile	Steel Pile	1
Bent 3	Pile 7	Steel Pile	Steel Pile	1
Bent 3	Pile 8	Steel Pile	Steel Pile	1
Bent 3	Pile 9	Steel Pile	Steel Pile	1
Bent 3	Pile 10	Steel Pile	Steel Pile	1

General Inspection Notes

National Bridge and NC Inspection Items

Structure Number: 160001 **Inspection Date:** 02/14/2022

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	**5**
Item 59: Superstructure	0 - 9 , N	**4**
Item 60: Substructure	0 - 9 , N	**5**
Item 61: Channel and Channel Protection	0 - 9 , N	**6**
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**	**10212**	**3376**
Drainage System	G, F, P, or C	**P**	**21**	**3332**
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	**P**	**650**	**3352**
Scour	G, F, P, or C	**F**		
Wingwall	G, F, P, or C	**F**	**10**	**3350**
Field Scour Evaluation		**U**		
Drift	G, F, P, or C	**F**	**8**	**3366**
Fender System	G, F, P, or C			
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	**G**		
Superstructure Paint Code		**A**		

Note: If NC SMU Insepction Item is not present, leave NC SMU item blank

Inspection Information

Item	Grade Scale	Grade
Sign Noticed Issued	YES/NO	**N**
Priority Maintenance Request Submitted	YES/NO	**Y**
Inspection Time	Hours	**14**
Traffic Control Time	Hours	**8**
Snooper Time	Hours	**8**
Ladder Used	YES/NO	**N**
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	**Y**

National Bridge and NC SMU Inspection Item Details

Structure Number: 160001 **Inspection Date:** 02/14/2022

Item	Deck - Item 58	**Grade**	5	**Maint Code**		**Qty.**	0
Details	DELAMINATION & SPALLING THROUGHOUT UNDERSIDE SCALING WITH EXPOSED AGGREGATE IN TOP OF DECK THROUGHOUT TRAVEL LANES CRACKING THROUGHOUT TOP OF DECK						
Item	Superstructure - Item 59	**Grade**	4	**Maint Code**		**Qty.**	0
Details	SIGNIFICANT AREAS OF CORROSION UP TO 100% SECTION LOSS THROUGHOUT SIGNIFICANT DETERIORATION IN PAINT SYSTEM THROUGHOUT						
Item	Substructure - Item 60	**Grade**	5	**Maint Code**		**Qty.**	0
Details	SIGNIFICANT AREAS OF CORROSION UP TO 100% SECTION LOSS THROUGHOUT SIGNIFICANT DETERIORATION IN PAINT SYSTEM THROUGHOUT						
Item	Channel and Channel Protection - Item 61	**Grade**	6	**Maint Code**		**Qty.**	0
Details	SLUMPING ALONG ALL BANKS						
Item	Deck Debris	**Grade**	F	**Maint Code**	3376	**Qty.**	10212
Details	DECK DEBRIS, VEGETATION MOUNDS UP TO 3" DEEP EXTENDING 1' WIDE ALONG BOTH CURBS						
Item	Drainage System	**Grade**	P	**Maint Code**	3332	**Qty.**	21
Details	(PAR) BRIDGE DRAINAGE, CLOGGED EITHER PARTIALLY OF FULLY WITH VEGETATION GROWTH. (16) ALONG RIGHT CURB & (5) ALONG LEFT CURB						
Item	Slope Protection	**Grade**	P	**Maint Code**	3352	**Qty.**	650
Details	(PAR) SLOPE @ END BENT HAS EROSION AREA 5'x 8'x 4' DEEP UNDERMINING CAP BETWEEN BEAMS 1 & 2 (PAR) END BENT 1 SLOPE PROTECTION, SOIL ERODING UP TO 2.5' DEEP AGAINST GROUTING PAD ADJACENT TO CAP. RIP RAP SCATTERED ALONG BOTTOM OF SLOPE. (PAR) END BENT 1 SLOPE PROTECTION, UP TO 4" WIDE CRACK IN OUTSIDE EDGE CONCRETE CHUTE ADJACENT TO END BENT 1 RIGHT EDGE AND SETTLEMENT INTERMITTENT THROUGHOUT (PAR) END BENT 2 SLOPE PROTECTION, ALONG LEFT CONCRETE SHOOT; UP TO 3' DEEP X 8' LONG EROSION OF SOIL						
Item	Drift	**Grade**	F	**Maint Code**	3366	**Qty.**	8
Details	DRIFT @ BENT 2						
Item	Scour	**Grade**	F	**Maint Code**		**Qty.**	0
Details	AT BENT 3, SCOUR HOLE AROUND ALL PILES, 50' LONG X 12' WIDE X UP TO 2.5' DEEP						
Item	Wingwalls	**Grade**	F	**Maint Code**	3350	**Qty.**	10
Details	FAR RIGHT WING, 6" DIAMETER X 2" DEEP EDGE SPALL FAR LEFT WING, 3" DIAMETER X 0.25" DEEP SPALL ON TOP OF WALL NEAR RIGHT WING, 3' LONGITUDINAL CRACK 0.0625" WIDE AND 6" X 3" X 0.5" DEEP SPALL ALONG TOP OF WALL MAP CRACKING THROUGHOUT WING FACES LESS THAN 0.01" WIDE EFFLORESCENCE TYPICAL						

Item	Field Scour Evaluation	**Grade** U	**Maint Code**	**Qty.** 0

Details AT BENT 3, SCOUR HOLE AROUND ALL PILES, 50' LONG X 12' WIDE X UP TO 2.5' DEEP

Item	General Comments and Misc Items	**Grade** P	**Maint Code**	**Qty.** 0

Details (PAR) GUARDRAIL DAMAGE AT NEAR LEFT APPROACH ADJACENT TO END TERMINATION, 50' SECTION IMPACTED

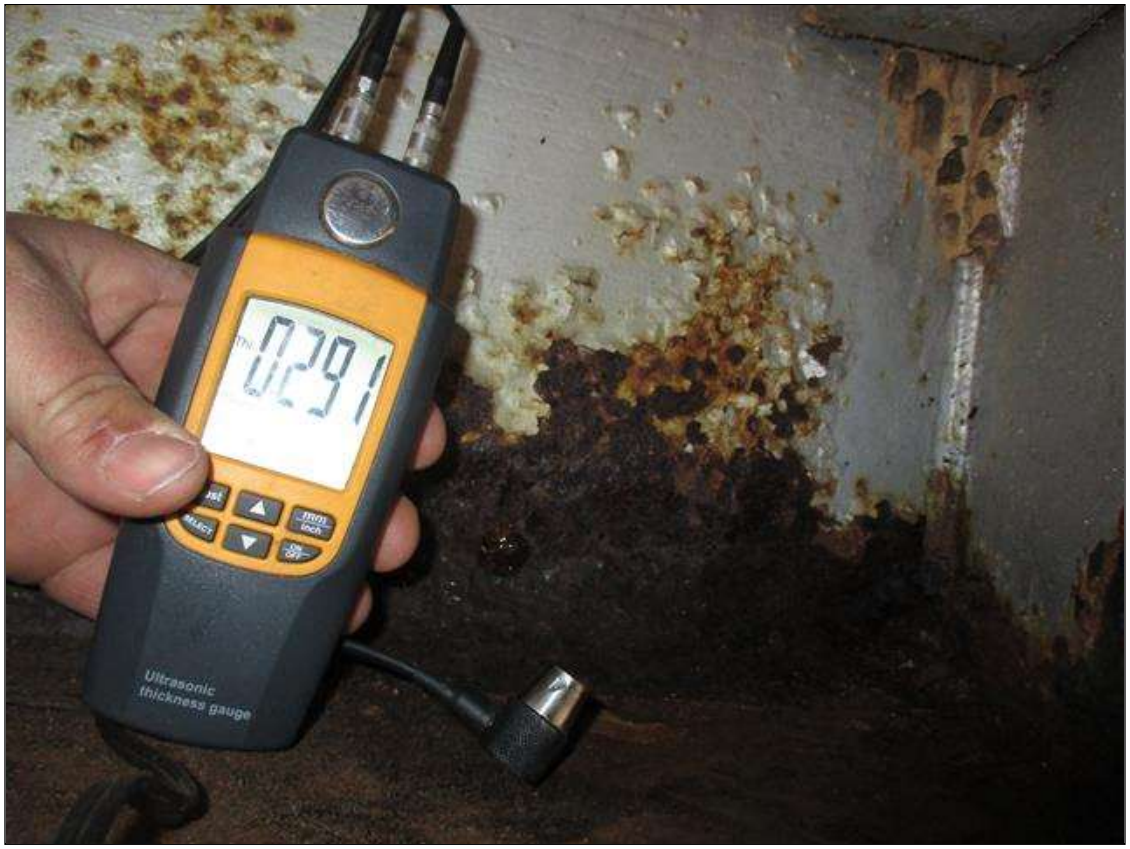
(PAR) AREAS OF 100% SECTION LOSS UP 17" X 3" AND BROKEN AND DETACHED CROSS BRACING INTERMITTENT THROUGHOUT BENT 3

(PAR) STEEL DIAPHRAGM: SPAN 2 AT BENT 1 IN BAY 3, CORROSION ALONG TOP FLANGE UP TO 36" LONG X 1" WIDE WITH NO MEASURABLE LOSS OF SECTION, AND CORROSION ALONG BOTTOM FLANGE UP TO 22" X 3" DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 4" LONG X 1" WIDE LOSS OF SECTION NEAR MIDLENGTH

CONCRETE SWALE @ END BENT 1 ON LEFT SIDE IS UNDERMINED FOR ITS ENTIRE LENGTH

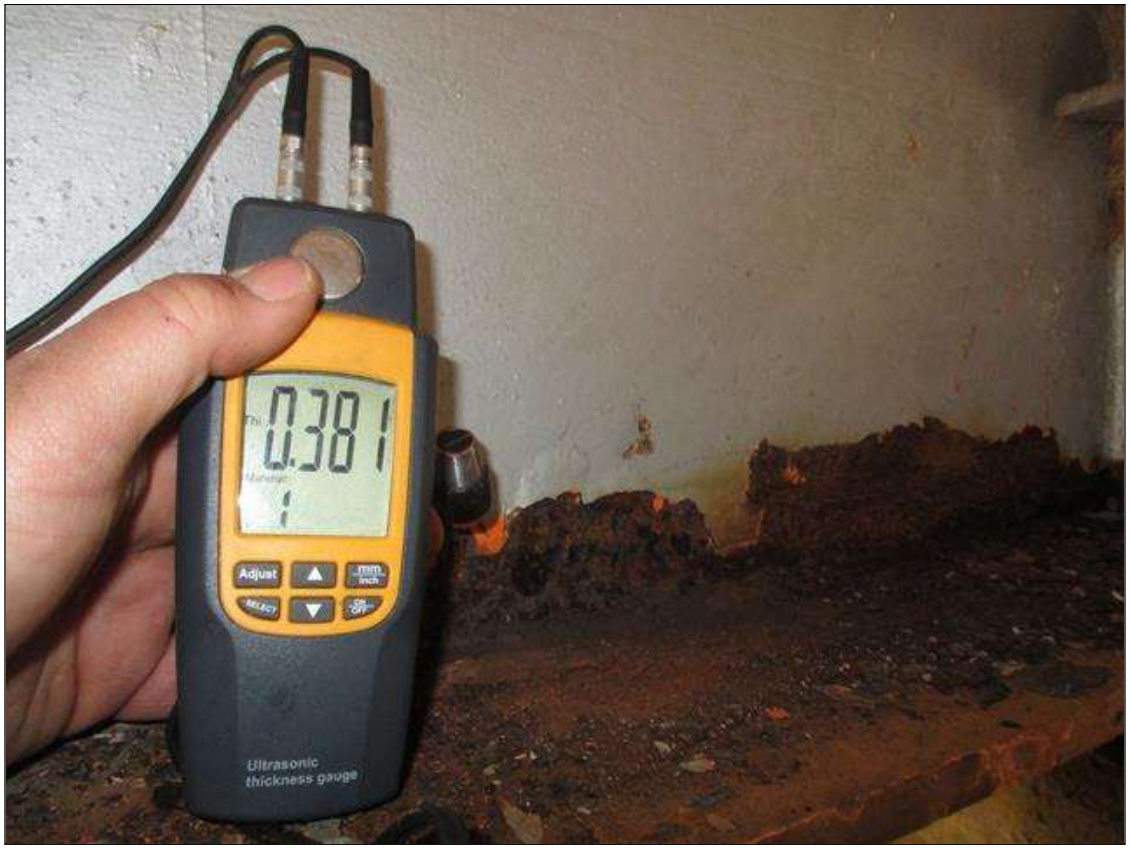
Span 1 Beam 2: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 39" LONG X 10" HIGH DOWN TO 0.3" RESIDUAL WEB, AND 35" LONG X 5" WIDE DOWN TO 0.48" RESIDUAL FLANGE AT BENT 1 BEARING

Span 1 Beam 2: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 39" LONG X 10" HIGH DOWN TO 0.3" RESIDUAL WEB, AND 35" LONG X 5" WIDE DOWN TO 0.48" RESIDUAL FLANGE AT BENT 1 BEARING



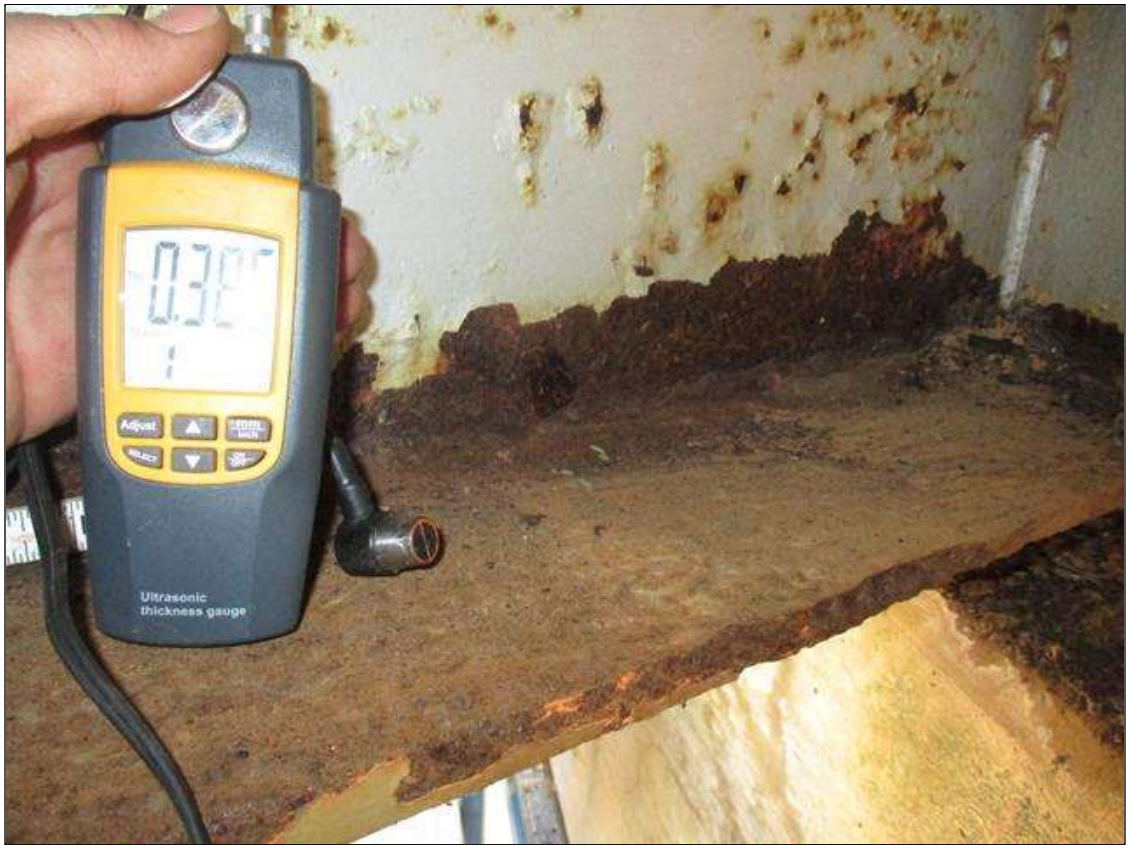
Span 1 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 24" HIGH DOWN TO 0.291" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.289" RESIDUAL FLANGE AT BENT 1 BEARING

Span 1 Beam 4: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION BENEATH PAINT REPAIR IN WEB, AND 20" LONG X 5" WIDE DOWN TO .49" RESIDUAL FLANGE, APPROXIMATELY 4" FROM FACE OF BENT 1 BEARING



Span 1 Beam 5: (PAR) CORROSION AT BEAM END DOWN TO .38" IN LOWER WEB

Span 2 Beam 1: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 24" HIGH SURFACE CORROSION ON WEB, AND 36" LONG X 11 3/4" WIDE DOWN TO .431" RESIDUAL FLANGE AT BENT 2 BEARING



Span 2 Beam 1: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68" LONG X 10" HIGH DOWN TO 0.431" RESIDUAL WEB, AND 61" LONG X 11 3/4" WIDE DOWN TO 5/8" RESIDUAL FLANGE AT BENT 1 BEARING

Span 2 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 33" LONG X 6" HIGH DOWN TO 0.275" RESIDUAL WEB, AND 34" LONG X 5" WIDE DOWN TO .328" RESIDUAL FLANGE AT BENT 2 BEARING

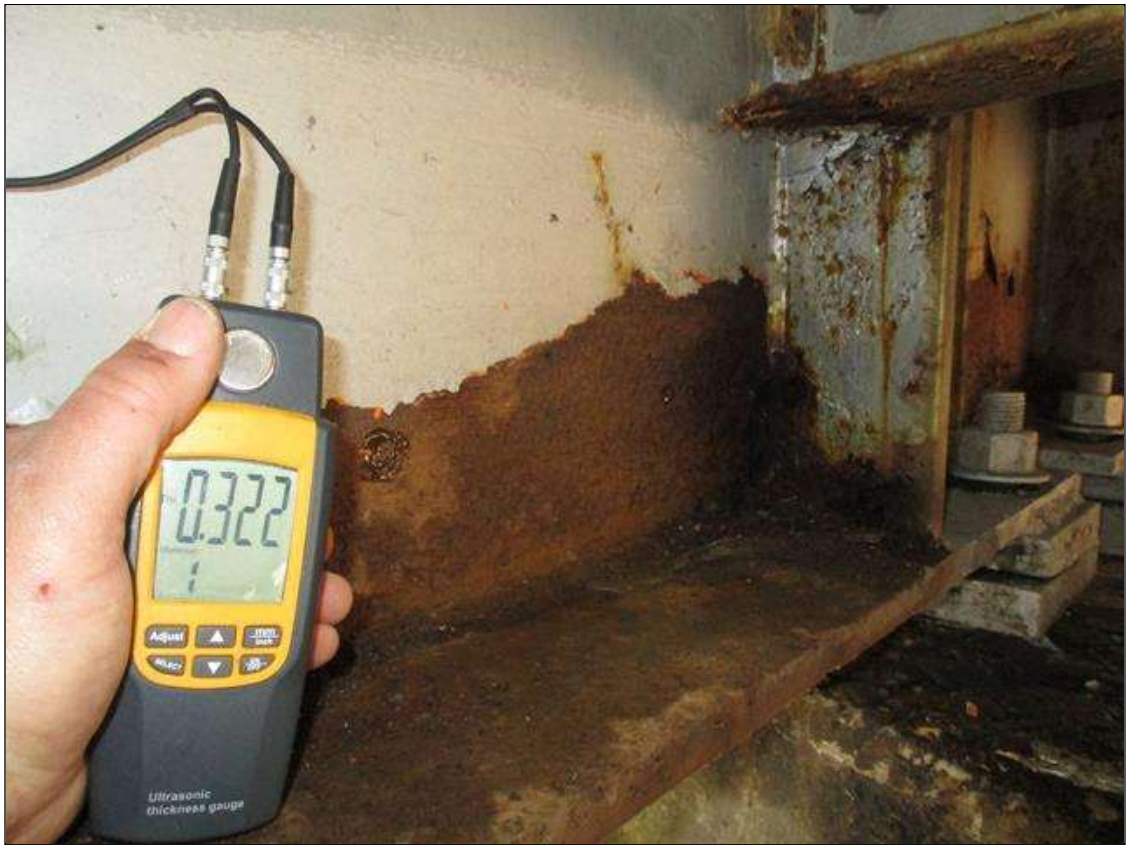
Span 2 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 33" LONG X 6" HIGH DOWN TO 0.275" RESIDUAL WEB, AND 34" LONG X 5" WIDE DOWN TO .328" RESIDUAL FLANGE AT BENT 2 BEARING

Span 2 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 25" LONG X 24" HIGH DOWN TO RESIDUAL WEB WITH 3" X 3" LOSS OF SECTION, AND 24" LONG X 11 3/4" WIDE DOWN TO .177" RESIDUAL FLANGE AT BENT 2 BEARING

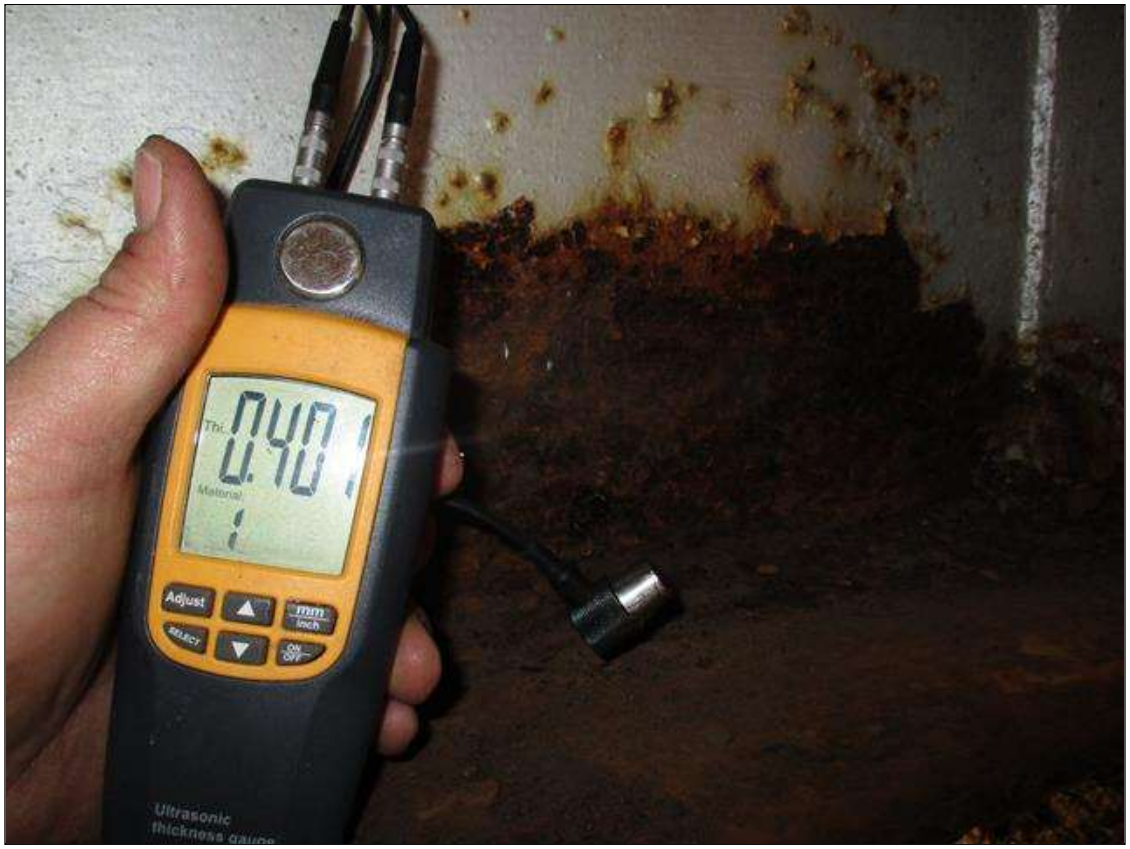
Span 2 Beam 3: (PAR) 100% SECTION LOSS FOR 7" LONG x 7" HIGH x 4" WIDE OVER BENT 2 BEARING

Span 2 Beam 4: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 60" LONG X 5" HIGH WITH DOWN TO 0.334" RESIDUAL WEB, AND 60" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING

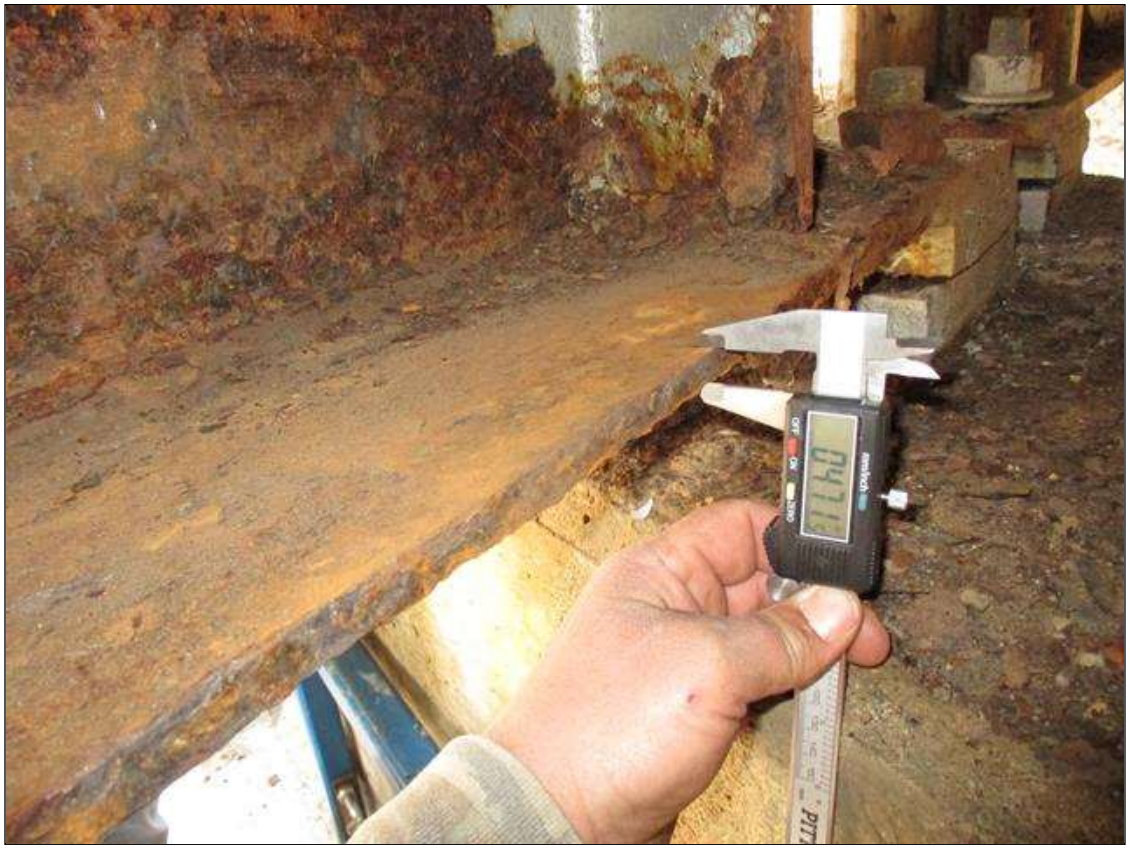
Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 17" LONG X 3" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 6" WIDE DOWN TO .546" RESIDUAL FLANGE AT BENT 2 BEARING



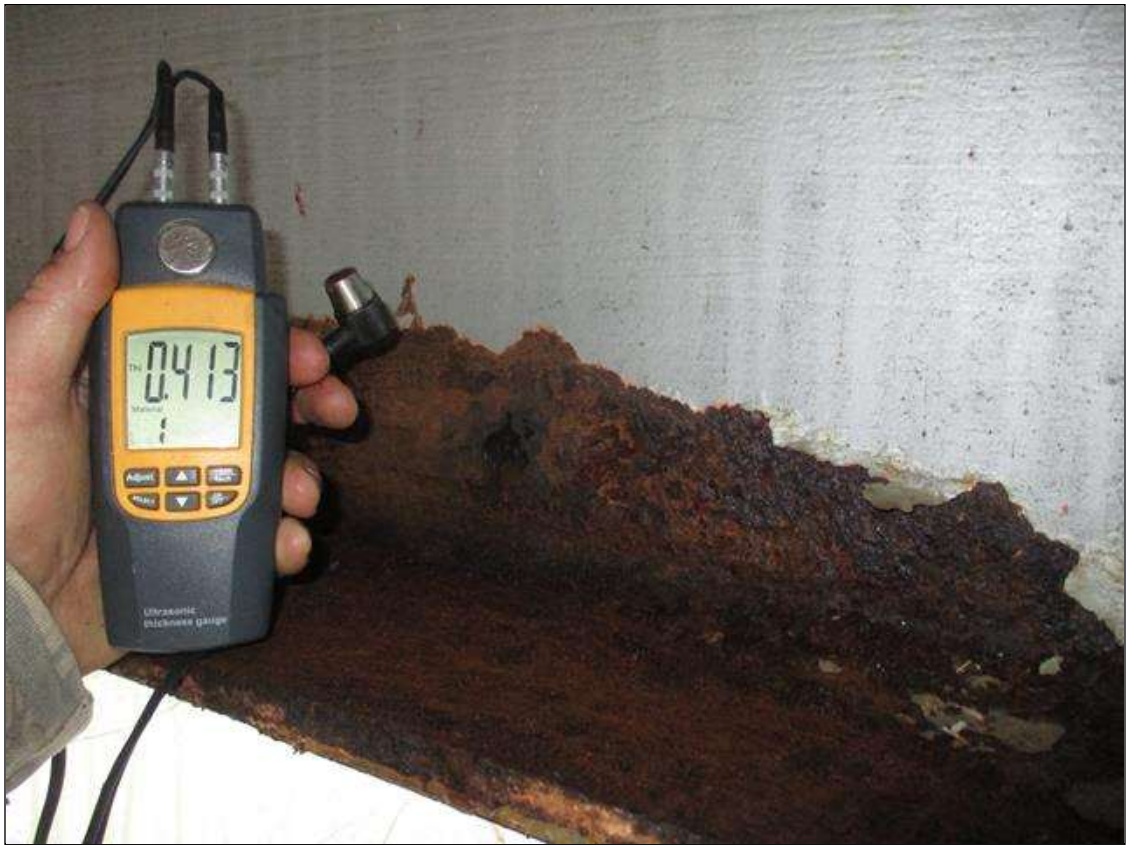
Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 55" LONG X 10" HIGH WITH DOWN TO 0.322" REMAINING RESIDUAL WEB AT BENT 1 BEARING



Span 3 Beam 1: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 5" HIGH DOWN TO 0.470" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.401" RESIDUAL FLANGE AT BENT 3 BEARING



Span 3 Beam 1: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 5" HIGH DOWN TO 0.470" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.401" RESIDUAL FLANGE AT BENT 3 BEARING



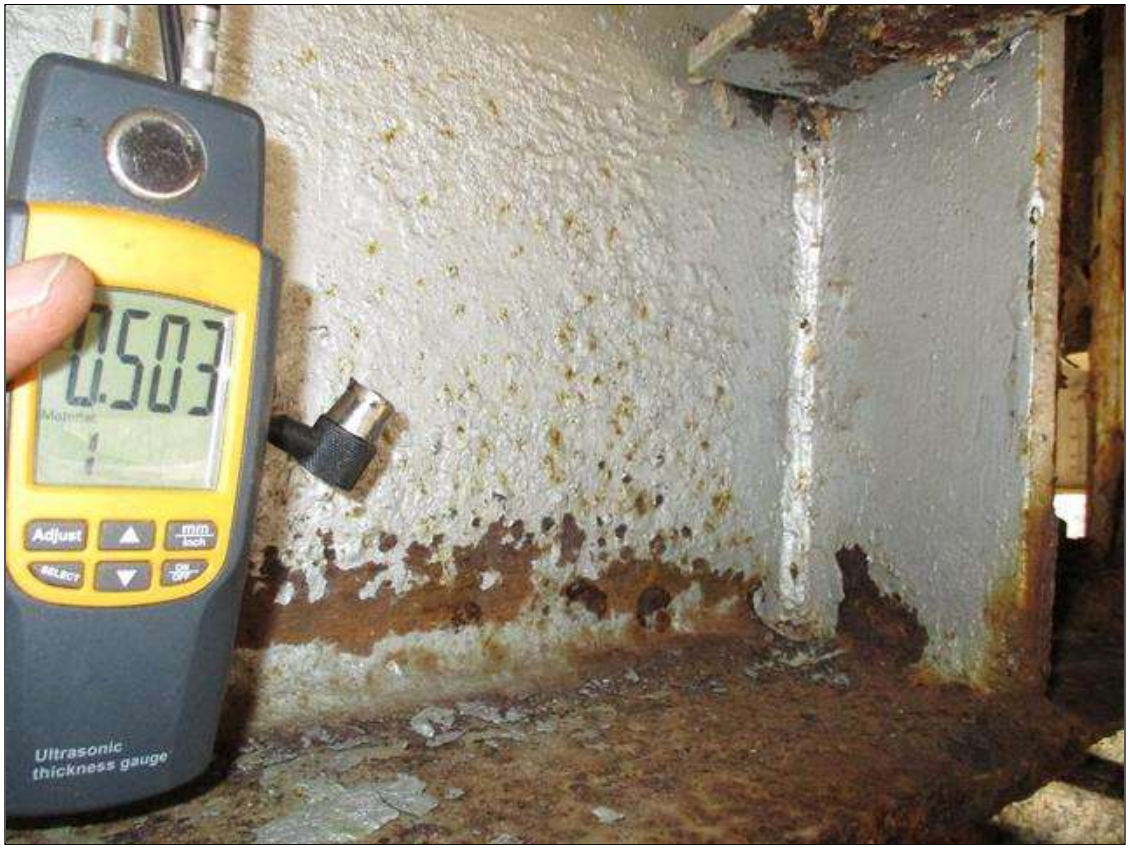
Span 3 Beam 1: (PAR) INTERMITTENT FULL LENGTH, CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 5" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 5" WIDE IN BOTTOM OF MIDSPAN FLANGE WITH NO MEASURABLE SECTION LOSS

Span 3 Beam 1: (PAR) CORROSION EXTENDING 5' FROM BENT 2 WEB, 0.251" REMAINING UP 3" FROM FLANGE

Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 12" LONG X 24" HIGH DOWN TO 0.405" RESIDUAL WEB AT END OF BEAM AT BENT 2

Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 32" LONG X 5" HIGH DOWN TO 0.212" RESIDUAL WEB, AND 34" LONG X 11 3/4" WIDE DOWN TO 0.350" RESIDUAL FLANGE AT BENT 3 BEARING

Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 32" LONG X 5" HIGH DOWN TO 0.212" RESIDUAL WEB, AND 34" LONG X 11 3/4" WIDE DOWN TO 0.350" RESIDUAL FLANGE AT BENT 3 BEARING



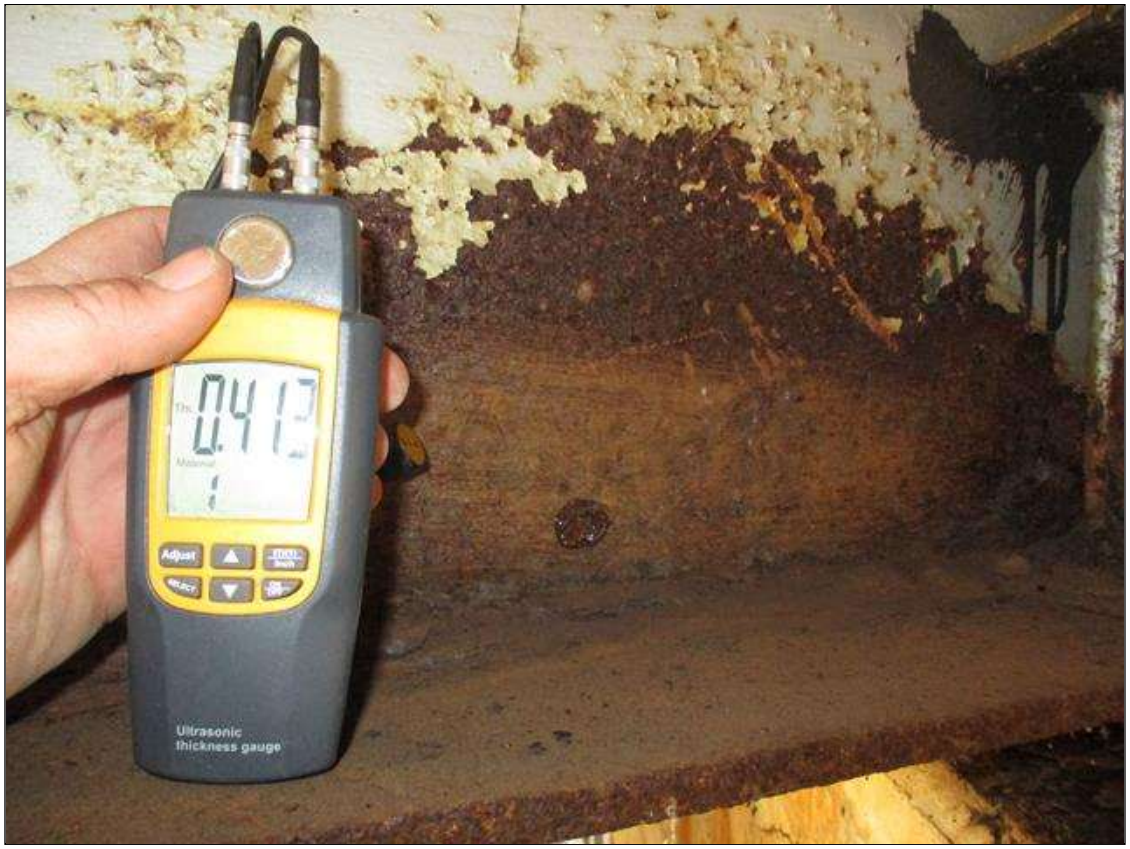
Span 3 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 15" LONG X 5" HIGH DOWN TO 0.503" RESIDUAL WEB, AND 18" LONG X 11 3/4" WIDE DOWN TO 0.199" RESIDUAL FLANGE AT BENT 3 BEARING

Span 3 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 15" LONG X 5" HIGH DOWN TO 0.503" RESIDUAL WEB, AND 18" LONG X 11 3/4" WIDE DOWN TO 0.199" RESIDUAL FLANGE AT BENT 3 BEARING

Span 3 Beam 3: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 72" LONG X 24" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 72" LONG X 11 1/2" WIDE DOWN TO 0.360" RESIDUAL FLANGE AT BENT 2 BEARING (SEE PHOTOS)

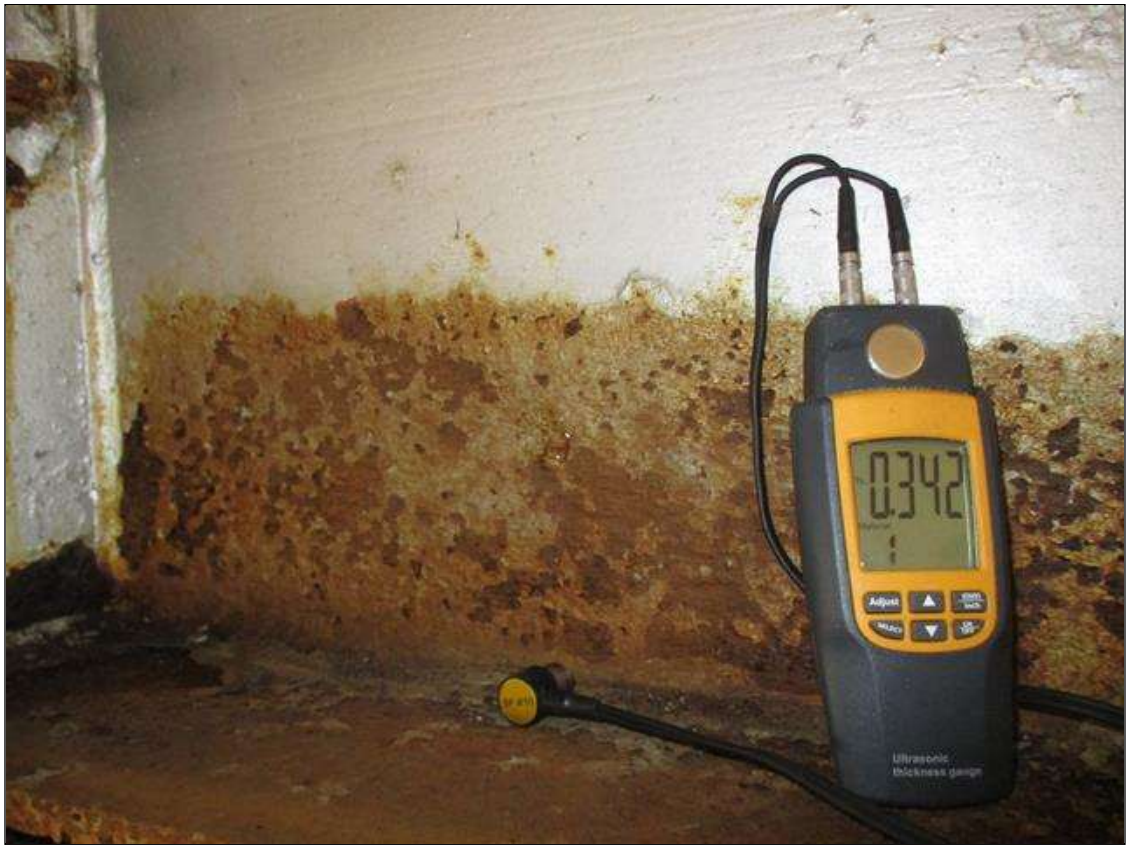
Span 3 Beam 3: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 72" LONG X 24" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 72" LONG X 11 1/2" WIDE DOWN TO 0.360" RESIDUAL FLANGE AT BENT 2 BEARING (SEE PHOTOS)

Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 38" LONG X 7" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 41" LONG X 11 3/4" WIDE DOWN TO 0.485" RESIDUAL FLANGE AT BENT 3 BEARING



Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 38" LONG X 7" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 41" LONG X 11 3/4" WIDE DOWN TO 0.485" RESIDUAL FLANGE AT BENT 3 BEARING

Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 6" HIGH DOWN TO 0.342" RESIDUAL WEB, AND 39" LONG X 11 3/4" WIDE DOWN TO 0.505" RESIDUAL FLANGE AT BENT 2 BEARING



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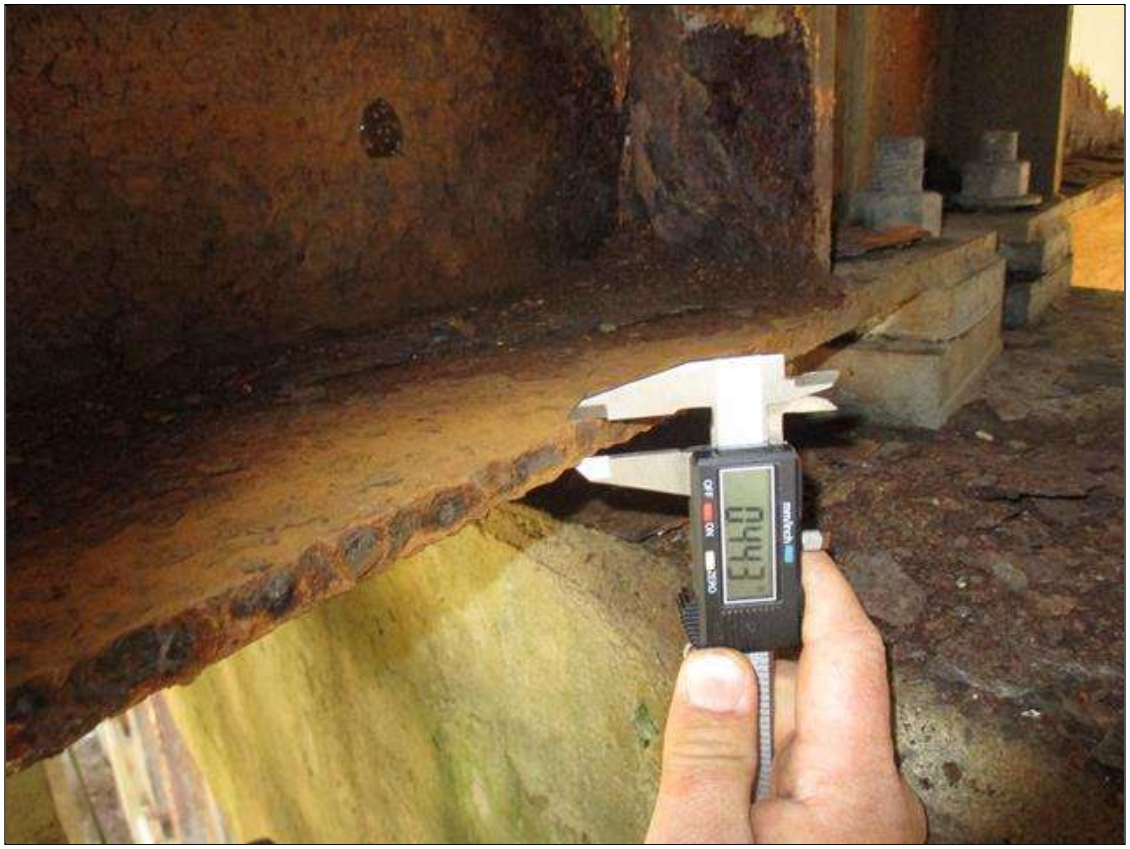
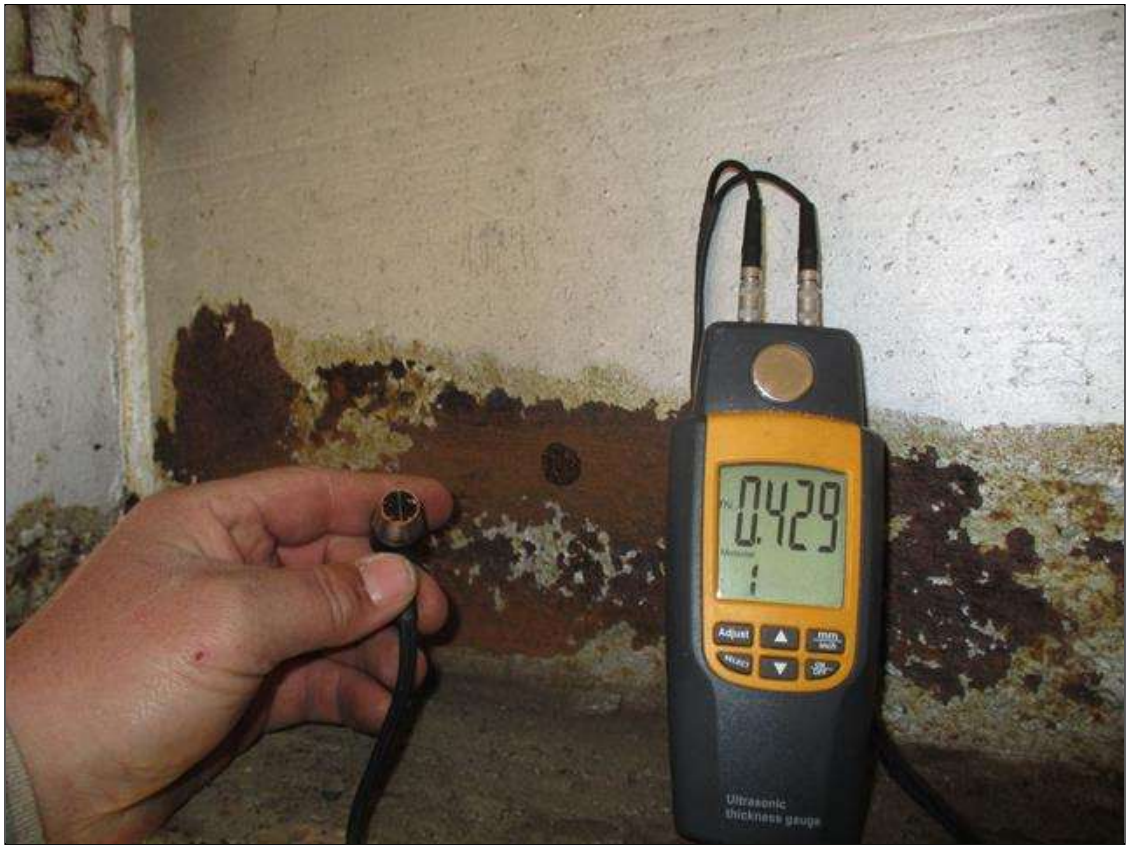
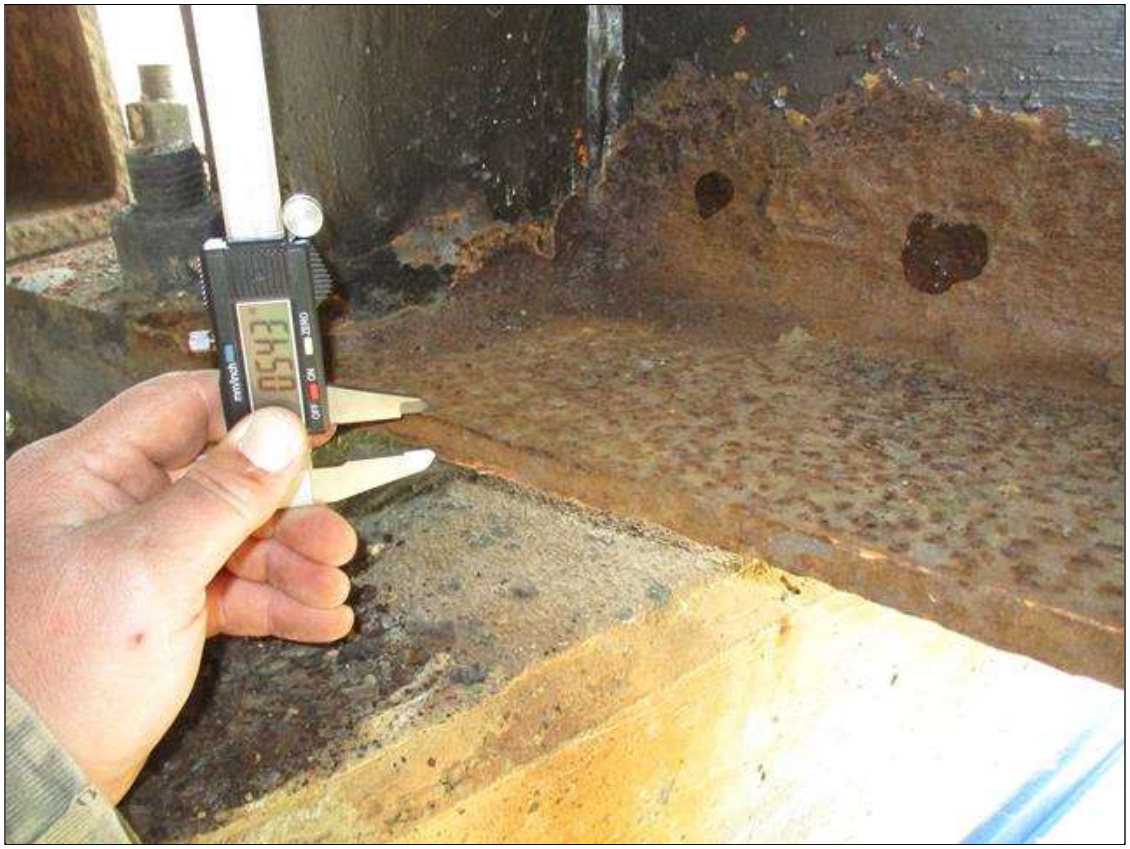


Span 3 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 24" LONG X 13" HIGH DOWN TO 0.301" RESIDUAL WEB, AND 29" LONG X 11 3/4" WIDE DOWN TO .443" RESIDUAL FLANGE AT BENT 3 BEARING

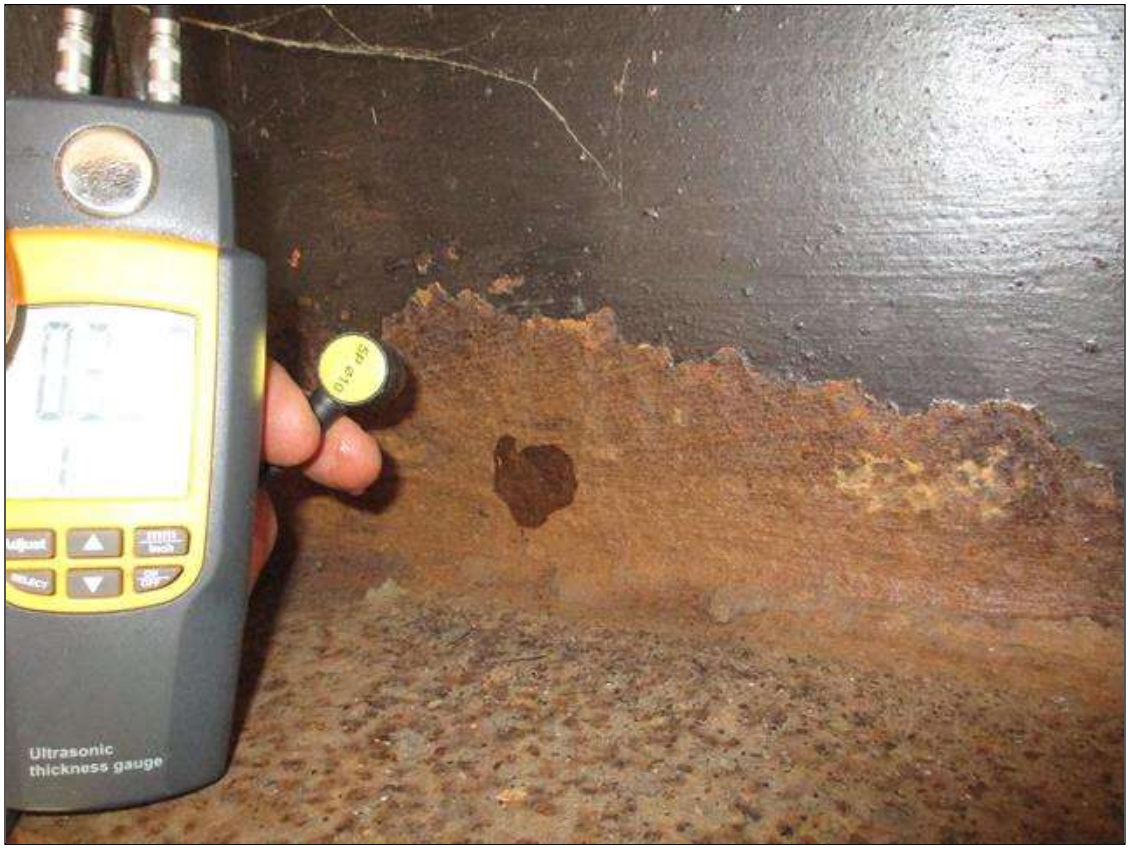
Span 3 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 24" LONG X 13" HIGH DOWN TO 0.301" RESIDUAL WEB, AND 29" LONG X 11 3/4" WIDE DOWN TO .443" RESIDUAL FLANGE AT BENT 3 BEARING



Span 3 Beam 5: (PAR) CORROSION AND EVIDENCE OF CORROSION BENEATH PAINT REPAIR ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 6" HIGH DOWN TO 0.429" RESIDUAL WEB, AND 90" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 2 BEARING



Span 3 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 20" LONG X 3" HIGH DOWN TO 0.362" RESIDUAL WEB, AND 11" LONG X 11 3/4" WIDE DOWN TO 0.543" RESIDUAL FLANGE AT BENT 3 BEARING



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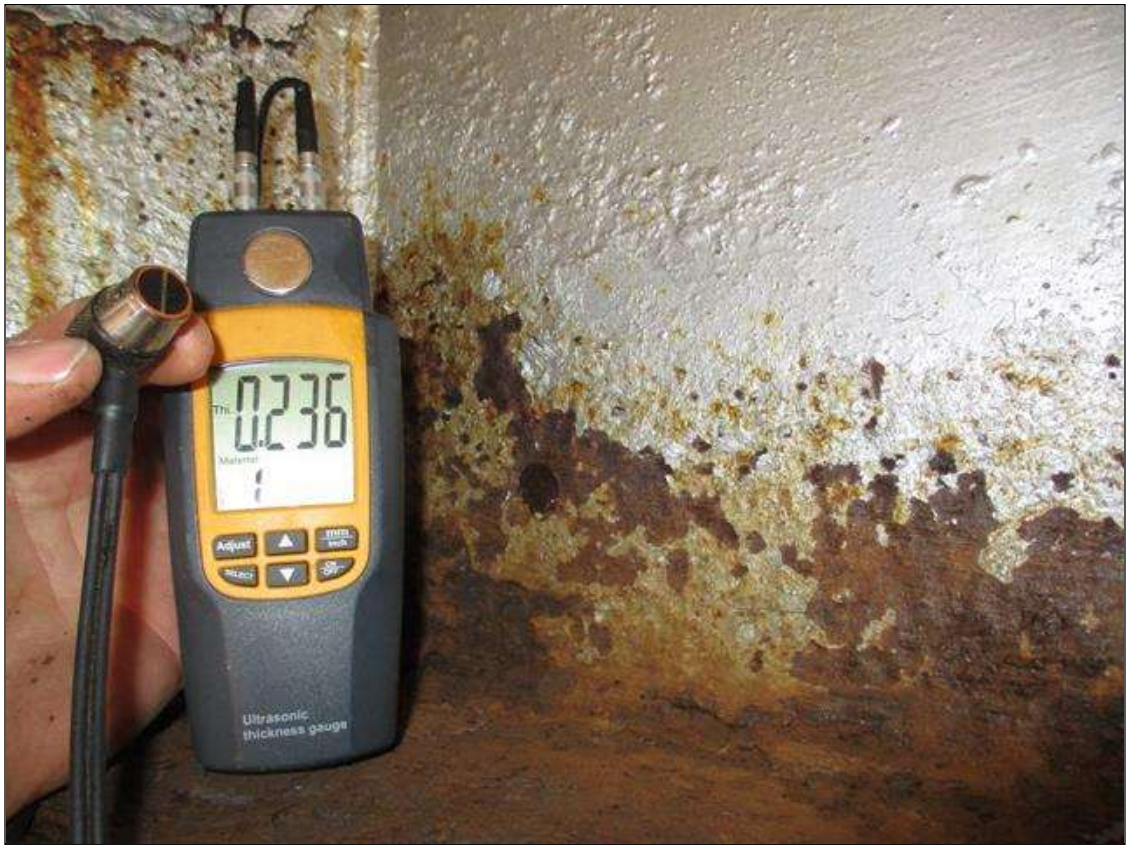
Span 3 Beam 6: 12' SECTION OF CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 4" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 5" WIDE DOWN TO 0.623" RESIDUAL FLANGE, BEGINNING 7' FROM BENT 2 CAP

Span 2 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 7" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 67" LONG X 11 1/2" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING

Span 2 Beam 6: CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 22" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 5" WIDE DOWN TO 0.550" RESIDUAL FLANGE AT BENT 2 BEARING

Span 4 Deck: (PAR) 15' X 11" X 3 1/2" DEEP SPALL WITH EXPOSED REBAR IN TOP OF DECK IN WHEEL LINE OF EASTBOUND LANE AT BENT 3 JOINT

Span 4 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14" LONG X 8" HIGH DOWN TO 0.236" RESIDUAL WEB, AND 24" LONG X 11 3/4" WIDE DOWN TO 0.200" RESIDUAL FLANGE AT BENT 3 BEARING



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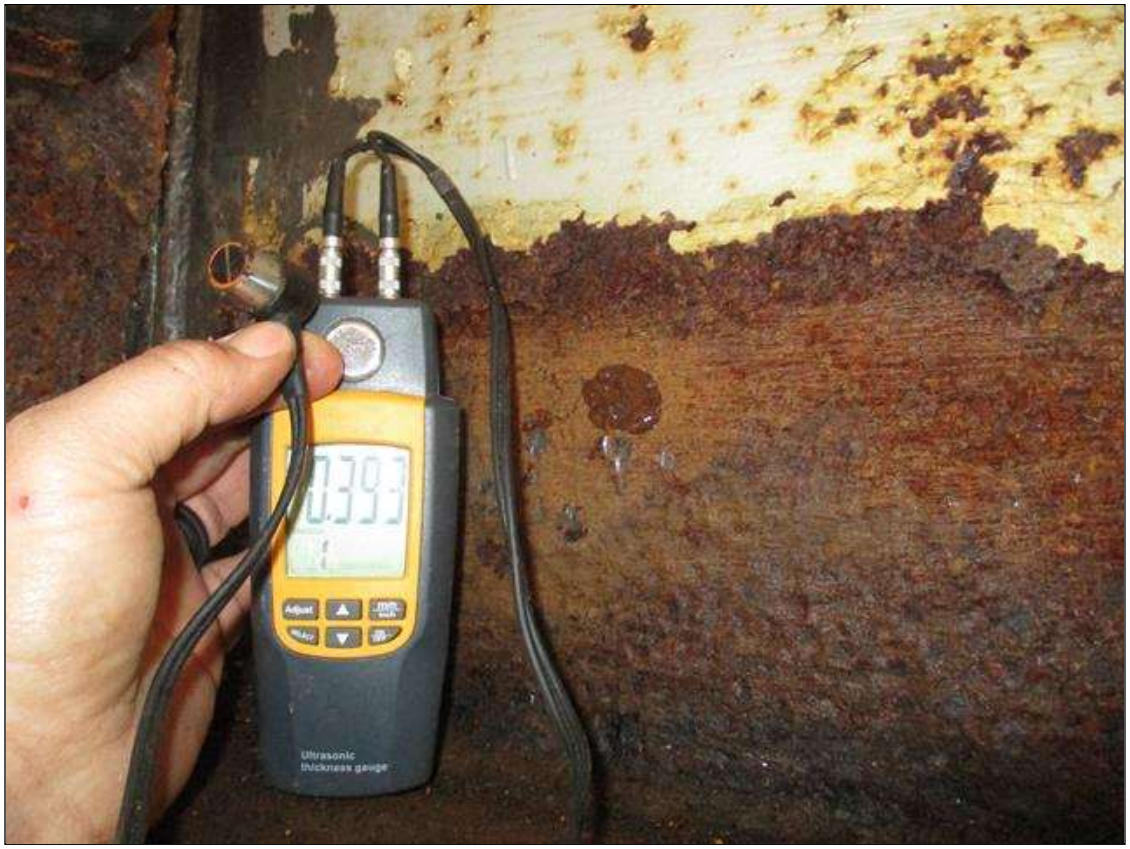


Span 4 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 108" LONG X 20" HIGH DOWN TO 0.393" RESIDUAL WEB, AND 103" LONG X 11 3/4" WIDE DOWN TO 0.500" RESIDUAL FLANGE AT BENT 3 BEARING

Span 4 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 108" LONG X 20" HIGH DOWN TO 0.393" RESIDUAL WEB, AND 103" LONG X 11 3/4" WIDE DOWN TO 0.500" RESIDUAL FLANGE AT BENT 3 BEARING

Span 4 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 19" HIGH DOWN TO 0.358" RESIDUAL WEB, AND 72" LONG X 11 3/4" WIDE DOWN TO 0.459" RESIDUAL FLANGE AT BENT 3 BEARING

Span 4 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 19" HIGH DOWN TO 0.358" RESIDUAL WEB, AND 72" LONG X 11 3/4" WIDE DOWN TO 0.459" RESIDUAL FLANGE AT BENT 3 BEARING

Span 4 Beam 6: CORROSION ON BOTTOM FLANGE, FULL WIDTH EXTENDING 5' FROM BENT 3, DOWN TO 0622" REMAINING FLANGE DEPTH

Bent 3 Pile 1: (PAR) CORROSION ALONG BOTH FLANGES UP TO 6" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT BOTTOM OF CAP WITH UP TO 100% SECTION LOSS ON FAR FLANGE 4" WIDE X 1" HIGH ADJACENT TO CAP AND NEAR FLANGE

Bent 3 Pile 1: (PAR) CORROSION ALONG BOTH FLANGES UP TO 6" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT BOTTOM OF CAP WITH UP TO 100% SECTION LOSS ON FAR FLANGE 4" WIDE X 1" HIGH ADJACENT TO CAP AND NEAR FLANGE

Bent 3 Pile 1: (PAR) CORROSION ALONG RIGHT EDGE OF NEAR FLANGE UP TO 23" HIGH X 6" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT

Bent 3 Pile 2: (PAR) CORROSION ALONG NEAR FLANGE UP TO 3" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE WITH 3/16" DIAMETER HOLE AT BOTTOM OF CAP UP TO 3" LONG

Bent 3 Pile 2: (PAR) CORROSION ALONG NEAR FLANGE UP TO 3" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE WITH 3/16" DIAMETER HOLE AT BOTTOM OF CAP UP TO 3" LONG

Bent 3 Pile 3: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT

Bent 3 Pile 4: (PAR) CORROSION ALONG BOTH FLANGES UP TO 5" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE AT BOTTOM OF CAP

Bent 3 Pile 4: (PAR) FAR FLANGE DOWN TO KNIFE EDGE

Bent 3 Pile 5: (PAR) CORROSION ALONG BOTH FLANGES UP TO 24" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 2 1/2" WIDE X 1" HIGH HOLES AT BOTTOM OF CAP

Bent 3 Pile 6: (PAR) CORROSION ALONG FAR FLANGE UP TO 5" HIGH X 12" WIDE DOWN TO 3/16" RESIDUAL FLANGE, APPROXIMATELY 4' FROM BOTTOM OF CAP

Bent 3 Pile 6: (PAR) CORROSION ALONG WEB AND BOTH FLANGES UP TO 19" HIGH X 11" WIDE WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 19" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 2 LOCATIONS OF UP TO 6" HIGH X 3" WIDE 100% LOSS OF SECTION ABOVE CONCRETE ENCASEMENT

Bent 3 Pile 6: (PAR) CORROSION ALONG WEB AND BOTH FLANGES UP TO 19" HIGH X 11" WIDE WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 19" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 2 LOCATIONS OF UP TO 6" HIGH X 3" WIDE 100% LOSS OF SECTION ABOVE CONCRETE ENCASEMENT

Bent 3 Pile 7: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT

Bent 3 Pile 7: (PAR) CORROSION ALONG RIGHT EDGE OF FAR FLANGE UP TO 10" HIGH X 9" WIDE DOWN TO 1/4" RESIDUAL FLANGE, APPROXIMATELY 2' FROM BOTTOM OF CAP

Bent 3 Pile 8: (PAR) CORROSION ALONG BOTH FLANGES UP TO 8" HIGH X 12" WIDE DOWN TO 1/8" RESIDUAL FLANGE AT BOTTOM OF CAP

Bent 3 Pile 8: (PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT

Bent 3 Pile 9: (PAR) CORROSION ALONG BOTH FLANGES UP TO 12" HIGH X 12" WIDE DOWN TO 5/16" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT

Bent 3 Pile 9: (PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 4" WIDE X 1 1/2" HIGH LOSS OF SECTIONS AT BOTTOM OF CAP

Bent 3 Pile 9: (PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 4" WIDE X 1 1/2" HIGH LOSS OF SECTIONS AT BOTTOM OF CAP

(PAR) BRIDGE DRAINAGE, CLOGGED EITHER PARTIALLY OF FULLY WITH VEGETATION GROWTH. (16) ALONG RIGHT CURB & (5) ALONG LEFT CURB

(PAR) SLOPE @ END BENT HAS EROSION AREA 5'x 8'x 4' DEEP UNDERMINING CAP BETWEEN BEAMS 1 & 2

(PAR) SLOPE @ END BENT HAS EROSION AREA 5'x 8'x 4' DEEP UNDERMINING CAP BETWEEN BEAMS 1 & 2

(PAR) END BENT 2 SLOPE PROTECTION, ALONG LEFT CONCRETE CHUTE; UP TO 3' DEEP X 8' LONG EROSION OF SOIL

(PAR) GUARDRAIL DAMAGE AT NEAR LEFT APPROACH ADJACENT TO END TERMINATION, 50' SECTION IMPACTED

(PAR) AREAS OF 100% SECTION LOSS UP 17" X 3" AND BROKEN AND DETACHED CROSS BRACING INTERMITTENT THROUGHOUT BENT 3

(PAR) AREAS OF 100% SECTION LOSS UP 17" X 3" AND BROKEN AND DETACHED CROSS BRACING INTERMITTENT THROUGHOUT BENT 3

(PAR) AREAS OF 100% SECTION LOSS UP 17" X 3" AND BROKEN AND DETACHED CROSS BRACING INTERMITTENT THROUGHOUT BENT 3

(PAR) STEEL DIAPHRAGM: SPAN 2 AT BENT 1 IN BAY 3, CORROSION ALONG TOP FLANGE UP TO 36" LONG X 1" WIDE WITH NO MEASURABLE LOSS OF SECTION, AND CORROSION ALONG BOTTOM FLANGE UP TO 22" X 3" DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 4" LONG X 1" WIDE LOSS OF SECTION NEAR MIDLENGTH

Span 1 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 24" HIGH DOWN TO 0.291" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.289" RESIDUAL FLANGE AT BENT 1 BEARING

Span 1 Deck: UP TO 0.02" MAP CRACKS THROUGHOUT TOP OF DECK

Span 1 Deck: 1320 SQUARE FEET OF SCALING WITH EXPOSED AGGREGATE IN TOP OF DECK THROUGHOUT TRAVEL LANES

Span 1 Deck: UP TO 0.035" TRANSVERSE CRACKS IN TOP OF DECK IN TRAVEL LANES WITHIN 3' OF END BENT 1 FILL FACE

Span 1 Deck: UNDERSIDE, 17" X 12" AREA OF DELAMINATION IN BOTTOM OF LEFT OVERHANG AROUND DECK DRAIN AT BENT 1

Span 1 Deck: AT BENT 1 JOINT, 10" X 3" X 3" DEEP SPALL IN TOP OF DECK IN WHEEL LINE OF WESTBOUND LANE

Span 1 Deck: UNDERSIDE, 12" X 11" AREA OF DELAMINATION IN BOTTOM OF LEFT OVERHANG ABOVE BENT 1

Span 1 Left Bridge Rail: 5" X 3" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN EAST FACE OF END POST, APPROXIMATELY 3' FROM END BENT 1 FILL FACE

Span 1 Left Bridge Rail: THREE (3) SPALLS UP TO 6" X 3" X 1/2" DEEP IN FACE OF RAIL POSTS IN VARIOUS LOCATIONS

Span 1 Left Bridge Rail: 14 SPALLS WITH EXPOSED REBAR UP TO 6" X 4" X 3/4" DEEP IN BOTTOM OF RAIL IN VARIOUS LOCATIONS

Span 1 Left Bridge Rail: ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE

Span 1 Right Bridge Rail: 11" X 5" X 1/2" DEEP SPALL IN FACE OF RAIL, APPROXIMATELY 19' FROM END BENT 1 FILL FACE

Span 1 Right Bridge Rail: 4" X 2" X 1/2" DEEP SPALL WITH EXPOSED REBAR IN EAST OF RAIL POST, APPROXIMATELY 9' FROM END BENT 1 FILL FACE

Span 1 Right Bridge Rail: UP TO 0.05" LONGITUDINAL, TRANSVERSE, VERTICAL AND MAP CRACKS IN TOP AND FACES OF RAIL IN VARIOUS LOCATIONS

Span 1 Right Bridge Rail: 3 1/2" X 3" X 1" DEEP SPALL IN TOP OF RAIL, APPROXIMATELY 18' FROM BENT 1 JOINT

TYPICAL CORROSION IN SPAN 1, BEAM 1 @ BENT 1

Span 1 Near Bearing: SURFACE CORROSION THROUGHOUT BEAM 1 BEARING

Span 1 Far Bearing: AREAS OF SURFACE CORROSION THROUGHOUT BEAM 1 BEARING

TYPICAL DETERIORATED PAINT SYSTEM SPAN 1, BEAM 2

Span 1 Beam 6: AREAS OF SURFACE CORROSION THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS

Span 2 Deck: UP TO 50" X 1/8" TRANSVERSE CRACKS IN TOP OF DECK IN EASTBOUND LANE AND RIGHT SHOULDER IN VARIOUS LOCATIONS

Span 2 Deck: UP TO 0.02" MAP CRACKS IN TOP OF DECK IN VARIOUS LOCATIONS

Span 2 Deck: 1320 SF OF SCALING WITH EXPOSED AGGREGATE IN TOP OF DECK THROUGHOUT TRAVEL LANES

Span 2 Deck: UP TO 0.04" TRANSVERSE CRACKS IN TOP OF DECK IN TRAVEL LANES AT BENT 2 JOINT

Span 2 Left Bridge Rail: UP TO 0.035" LONGITUDINAL AND VERTICAL CRACKS IN TOP AND ENDS OF RAIL IN VARIOUS LOCATIONS

Span 2 Left Bridge Rail: ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE

Span 2 Left Bridge Rail: FIVE (5) SPALLS UP TO 5" X 3 1/2" X 1/4" DEEP IN FACE OF RAIL POSTS IN VARIOUS LOCATIONS

Span 2 Left Bridge Rail: THREE (3) SPALLS WITH EXPOSED REBAR UP TO 5" X 3" X 3/4" DEEP IN BOTTOM OF RAIL IN VARIOUS LOCATIONS

Span 2 Right Bridge Rail: UP TO 0.02" LONGITUDINAL CRACKS IN TOP OF RAIL IN VARIOUS LOCATIONS

Span 2 Right Bridge Rail: SPALLS WITH EXPOSED REBAR UP TO 5" X 3" X 1/2" DEEP IN BOTTOM OF RAIL AND OUTSIDE FACES OF POSTS INTERMITTENT THROUGHOUT

Span 2 Right Bridge Rail: TWO (2) SPALLS WITH EXPOSED REBAR UP TO 5" X 1 1/2" X 1/4" DEEP IN EAST FACE OF RAIL POST NEAR MIDSPAN

Span 2 Right Bridge Rail: ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE

TYPICAL CORROSION (SPAN 2, BEAM 1)

Span 2 Beam 1 - Protective System: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68" LONG X 10" HIGH IN WEB, AND 61" LONG X 11 3/4" WIDE IN FLANGE AT BENT 1 BEARING

CONCRETE DIAPHRAGM, LEFT SIDE OF SPAN 2 BEAM 1 AT BENT 1, 12" LONG X 0.75" DEEP SPALL WITH EXPOSED REBAR WITH ACTIVE SECTION LOSS

TYPICAL DETERIORATED PAINT SYSTEM (SPAN 2, BEAM 2)

Span 2 Beam 3: SURFACE CORROSION THROUGHOUT 24" LONG X 5" WIDE X 6" HIGH PLATE REPAIR WELDED TO RIGHT FACE OF WEB AND BOTTOM FLANGE AT BENT 1 ON BOTH SIDES

Span 2 Beam 3 - Protective System: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 25" LONG X 24" HIGH IN WEB, AND 24" LONG X 11 3/4" WIDE IN FLANGE AT BENT 2 BEARING

Span 2 Beam 3 - Near Bearing - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 3 BEARING

Span 2 Beam 3 - Far Bearing - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 3 BEARING

TYPICAL SURFACE CORROSION (SPAN 2, BEAM 4)

Span 2 Beam 4 - Protective System: DETERIORATED PAINT SYSTEM ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 60" LONG X 5" HIGH IN WEB, AND 60" LONG X 11 3/4" WIDE IN FLANGE AT BENT 1 BEARING

Span 2 Beam 4 - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT WEB AND BOTH FLANGES IN VARIOUS LOCATIONS

Span 2 Beam 4 - Near Bearing - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING

Span 2 Beam 4 - Far Bearing - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (SPAN 2, BEAM 5)

TYPICAL SURFACE OF CORROSION & DETERIORATED PAINT SYSTEM (SPAN 2, BEAM 6)

TYPICAL DETERIORATED PAINT SYSTEM (SPAN 2, BEAM 6)

FULL DEPTH SEPARATION OF JOINT MATERIAL IN VARIOUS LOCATIONS (TYPICAL OF ALL JOINTS)

DIRT AND DEBRIS ACCUMULATION ALONG JOINT IN BOTH SHOULDERS (TYPICAL OF ALL JOINTS)

Span 3 Deck: UP TO 0.02" MAP CRACKS IN TOP OF DECK IN VARIOUS LOCATIONS

Span 3 Deck: 31" X 1/8" TRANSVERSE CRACK IN TOP OF DECK IN WESTBOUND LANE, APPROXIMATELY 14' FROM BENT 3 JOINT

Span 3 Deck: SCALING WITH EXPOSED AGGREGATE IN TOP OF DECK THROUGHOUT TRAVEL LANES

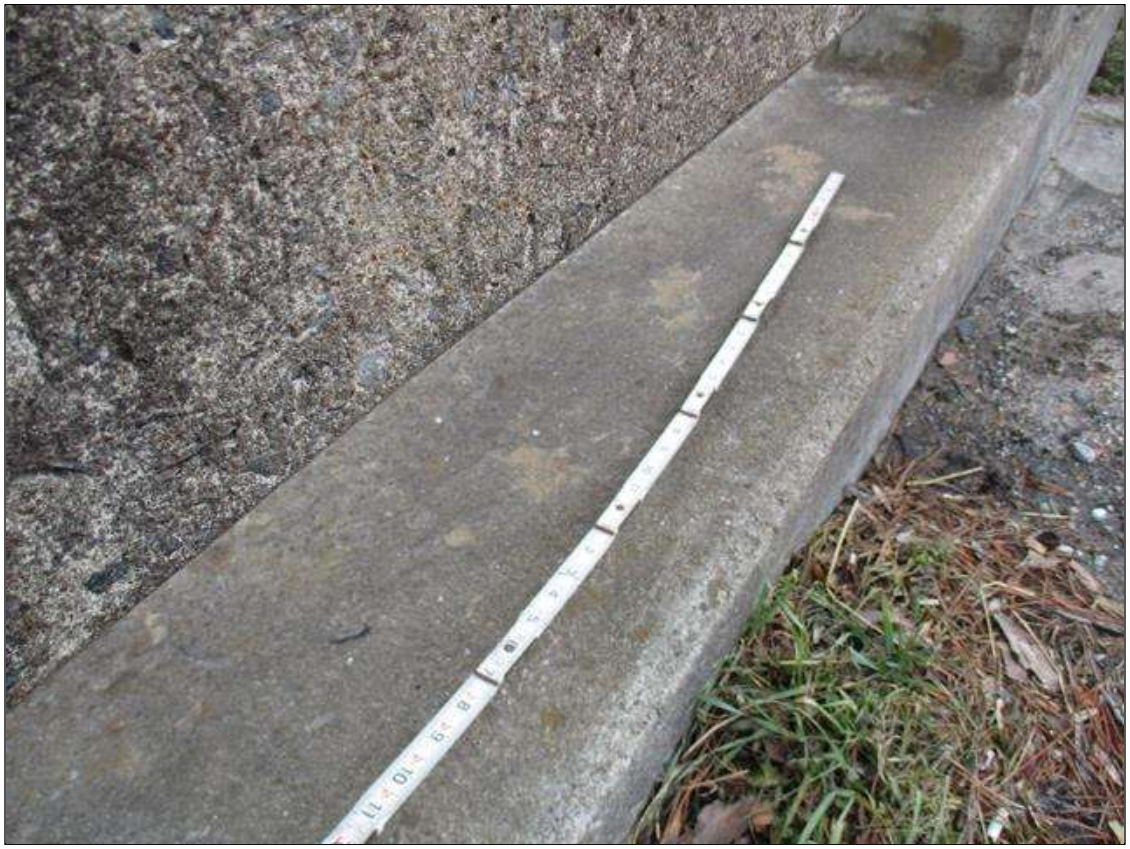
Span 3 Deck: 12"x 12"x 1" SPALL WITH EXPOSED REBAR BENT 3, LEFT SIDE, UNDERSIDE OF DECK

Span 3 Left Bridge Rail: UP TO 0.035" LONGITUDINAL AND VERTICAL CRACKS IN TOP AND ENDS OF RAIL IN VARIOUS LOCATIONS

Span 3 Left Bridge Rail: ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE

Span 3 Left Bridge Rail: WITHIN 8' OF BENT 3 JOINT, (3) 3" DIAMETER X 0.25" DEEP SPALLS WITH EXPOSED REBAR UNDER RAILING

Span 3 Right Bridge Rail: SPALLS WITH EXPOSED REBAR UP TO 6" X 4" X 1/4" DEEP IN BOTTOM OF RAIL IN VARIOUS LOCATIONS



Span 3 Right Bridge Rail: ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE

Span 3 Right Bridge Rail: UP TO 0.03" LONGITUDINAL AND VERTICAL CRACKS IN TOP AND ENDS OF RAIL IN VARIOUS LOCATIONS

Span 3 Right Bridge Rail: THREE (3) SPALLS UP TO 4" X 3 1/2" X 1/4" DEEP IN FACE OF RAIL AND RAIL POSTS IN VARIOUS LOCATIONS

TYPICAL DETERIORATED PAINT SYSTEM (SPAN 3, BEAM 1)

Span 3 Beam 1 - Near Bearing - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BENT 1 BEARING

Span 3 Beam 1 - Far Bearing - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 1 BEARING

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (SPAN 3, BEAM 2)

Span 3 Beam 3 - Protective System: DETERIORATED PAINT SYSTEM ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 15" LONG X 5" HIGH IN WEB, AND 18" LONG X 11 3/4" WIDE IN FLANGE AT BENT 3 BEARING

TYPICAL DETERIORATED PAINT SYSTEM (SPAN 3, BEAM 4)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (SPAN 3, BEAM 5)

TYPICAL DETERIORATED PAINT SYSTEM (SPAN 3, BEAM 5)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM IN BEARINGS & BEAMS (SPAN 3, BEAMS 5 & 6)

Span 3 Beam 5 - Far Bearing - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 5 BEARING

TYPICAL DETERIORATED PAINT SYSTEM (SPAN 3, BEAM 6)

Span 4 Deck: 58" X UP TO 1/8" DIAGONAL CRACK IN TOP OF DECK IN WESTBOUND LANE NEAR END BENT 2 FILL FACE

Span 4 Deck: SCALING WITH EXPOSED AGGREGATE IN TOP OF DECK THROUGHOUT TRAVEL LANES

Span 4 Deck: UP TO 0.035" TRANSVERSE CRACKS IN TOP OF DECK IN TRAVEL LANES AT BENT 3 JOINT

Span 4 Deck: 11" X 4" X 2" DEEP SPALL IN TOP OF DECK IN RIGHT SHOULDER AT BENT 3 JOINT

Span 4 Left Bridge Rail: UP TO 0.03" LONGITUDINAL AND VERTICAL CRACKS IN TOP AND ENDS OF RAIL IN VARIOUS LOCATIONS

Span 4 Left Bridge Rail: 4 1/2" X 2 1/2" X 1/4" DEEP SPALL WITH EXPOSED REBAR IN EAST FACE OF RAIL POST NEAR MIDSPAN

Span 4 Left Bridge Rail: 4" X 1 1/2" X 2" SPALL IN TOP AND WEST END OF RAIL, APPROXIMATELY 17' FROM END BENT 2 FILL FACE

Span 4 Left Bridge Rail: FIVE (5) SPALLS UP TO 4" X 4" X 1/4" DEEP IN FACE OF RAIL POSTS IN VARIOUS LOCATIONS

Span 4 Left Bridge Rail: FIVE (5) SPALLS WITH EXPOSED REBAR UP TO 5" X 4" X 1/2" DEEP IN BOTTOM OF RAIL IN VARIOUS LOCATIONS

Span 4 Left Bridge Rail: ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE

Span 4 Right Bridge Rail: ON TOP OF CURB THROUGHOUT, LESS THAN 0.01" WIDE CRACKING WITH EFFLORESCENCE

Span 4 Right Bridge Rail: THREE (3) SPALLS WITH EXPOSED REBAR UP TO 5" X 3 1/2" X 1/2" DEEP IN BOTTOM OF RAIL, APPROXIMATELY 14' FROM BENT 3 JOINT

Span 4 Right Bridge Rail: UP TO 0.05" LONGITUDINAL AND VERTICAL CRACKS IN TOP AND ENDS OF RAIL IN VARIOUS LOCATIONS

Span 4 Right Bridge Rail: AT END BENT 2 END RAIL, 1' LONG X UP TO 0.0625" WIDE ALONG TOP OF RAIL

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (SPAN 4, BEAM 1)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (SPAN 4, BEAM 2)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (SPAN 4, BEAM 3)

TYPICAL DETERIORATED PAINT SYSTEM (SPAN 4, BEAM 4)

Span 4 Beam 4 - Near Bearing - Protective System: AREAS OF DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING

Span 4 Beam 4 - Far Bearing - Protective System: DETERIORATED PAINT SYSTEM THROUGHOUT BEAM 4 BEARING

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (SPAN 4, BEAM 5)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (SPAN 4, BEAM 6)

TYPICAL LONGITUDINAL, HORIZONTAL, MAP CRACKING & EXPOSED REBAR (BENT 1, CAP 1)

Bent 1 Cap 1: BOTH FACES, UP TO 1/4" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKS WITH AND WITHOUT EFFLORESCENCE AND RUST STAINING WITH UP TO 8' X 31" AREAS OF DELAMINATION THROUGHOUT CAP BENEATH BAYS 2 THRU 4

Bent 1 Pile 1: UP TO 14' X 1/8" VERTICAL CRACKS THROUGHOUT COLUMN AT WATER SURFACE & UP TO CAP

CRACKING IN TOP OF PILE BETWEEN 2 & 3 UP TO 1/4"

Bent 1 Pile 2: UP TO 48" X 1/8" VERTICAL CRACKS THROUGHOUT COLUMN AT WATER SURFACE

Bent 1 Pile 3: UP TO 8' X 0.03" VERTICAL CRACKS THROUGHOUT COLUMN

End Bent 1 Abutment: UP TO 0.03" LONGITUDINAL AND MAP CRACKS THROUGHOUT FACE OF CURTAIN WALL IN BAYS 1 THRU 5

End Bent 1 Abutment: UP TO 0.03" LONGITUDINAL AND MAP CRACKS THROUGHOUT FACE OF CURTAIN WALL IN BAYS 1 THRU 5

Bent 2 Cap 1: 48" SECTION OF UP TO 1/16" HORIZONTAL AND MAP CRACKS IN SPAN 2 FACE AND BOTTOM OF CAP, APPROXIMATELY 6' TO LEFT OF COLUMN 2

Bent 2 Cap 1: NEAR FACE, ABOVE COLUMN 2, DELAMINATED AREA 2' HIGH X 8" WIDE

Bent 2 Cap 1: LONGITUDINAL CRACKING IN RIGHT END UP TO 1/16"

Bent 2 Pile 1: UP TO 0.02" VERTICAL CRACKS AND HAIRLINE MAP CRACKS WITH AND WITHOUT EFFLORESCENCE THROUGHOUT COLUMN

Bent 2 Pile 2: UP TO 18' X 1/16" VERTICAL CRACKS THROUGHOUT COLUMN, CRACK IN SPAN 2 FACE SHOWN IN PHOTO

Bent 2 Pile 3: UP TO 8' X 1/16" VERTICAL CRACKS THROUGHOUT COLUMN AT WATER SURFACE & UP TO CAP

Bent 2 Pile 3: 22" X 5" X 5" AREA OF DELAMINATION WITH UP TO 0.05" VERTICAL CRACKS IN SOUTHWEST CORNER OF COLUMN, APPROXIMATELY 3' FROM BOTTOM OF CAP

End Bent 2 Cap 1: UP TO 5/16" LONGITUDINAL AND HORIZONTAL CRACKS IN FACE OF CAP BENEATH BAYS 4 AND 5

End Bent 2 Cap 1: 105" X 23" SECTION OF UP TO 22" X 20" AREAS OF SCALING WITH EXPOSED AGGREGATE IN FACE OF CAP AND BRACE PILE CAP BENEATH BAY 3

End Bent 2 Cap 1: UP TO 0.016" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN TOP AND FACE OF CAP AND BRACE PILE CAP AT LEFT END

End Bent 2 Abutment: UP TO 0.02" HORIZONTAL AND MAP CRACKS THROUGHOUT FACE OF CURTAIN WALL IN BAYS 1 THRU 5

HORIZONTAL CRACKS AND HAIRLINE MAP CRACKS WITH EFFLORESCENCE IN FACE OF CURTAIN WALL (TYPICAL END BENT 2 ABUTMENT)

Bent 3 Cap 1: UP TO 1/4" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN BOTTOM AND BOTH FACES OF CAP

Bent 3 Cap 1: UP TO 1/4" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN BOTTOM AND BOTH FACES OF CAP

Bent 3 Cap 1: UP TO 1/4" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN BOTTOM AND BOTH FACES OF CAP

Bent 3 Cap 1: UP TO 1/4" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN BOTTOM AND BOTH FACES OF CAP

Bent 3 Cap 1: UP TO 1/4" LONGITUDINAL AND HORIZONTAL CRACKS AND HAIRLINE MAP CRACKING WITH AND WITHOUT EFFLORESCENCE IN BOTTOM AND BOTH FACES OF CAP

TYPICAL DETERIORATED PAINT SYSTEM (BENT 3, PILE 1)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 2)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 2)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 3)

UP TO 1/16" TRANSVERSE & VERTICAL CRACKS IN ENCASEMEN (BENT 3, PILE 3)

UP TO 1/16" TRANSVERSE & VERTICAL CRACKS IN ENCASEMEN (BENT 3, PILE 4)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 4)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 5)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 5)

UP TO 1/8" TRANSVERSE & VERTICAL CRACKS IN ENCASEMENT (BENT 3, PILE 5)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 6)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 6)

UP TO 1/4" TRANSVERSE AND VERTICAL CRACKS WITH AND WITHOUT EFFLORESCENCE IN ENCASEMENT

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 7)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 7)

Bent 3 Pile 7: SURFACE CORROSION THROUGHOUT UP TO 12" WIDE X 9" HIGH PLATE REPAIR WELDED TO FACE OF FAR FLANGE AT BOTTOM OF CAP

UP TO 3/8" TRANSVERSE AND VERTICAL CRACKS WITH AND WITHOUT EFFLORESCENCE IN ENCASEMENT (BENT 3, PILE 7)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 8)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 8)

UP TO 1/4" TRANSVERSE & VERTICAL CRACKS WITH & WITHOUT EFFLORESCENCE IN ENCASEMENT. TOP 2' OF EAST FACE BEGINNING TO DELAMINATE

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 9)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 9)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 10)

TYPICAL SURFACE CORROSION & DETERIORATED PAINT SYSTEM (BENT 3, PILE 10)

UP TO 1/8" TRANSVERSE & VERTICAL CRACKS WITH AND WITHOUT EFFLORESCENCE IN ENCASEMENT

UP TO 0.03" TRANSVERSE & VERTICAL CRACKS IN ENCASEMENT

CONCRETE SWALE @ END BENT 1 ON LEFT SIDE IS UNDERMINED FOR ITS ENTIRE LENGTH

DECK DEBRIS

DRIFT @ BENT 2

SLUMPING ALONG ALL BANKS

FAR RIGHT WING, 6" DIAMETER X 2" DEEP EDGE SPALL

NEAR RIGHT WING, 3' LONGITUDINAL CRACK 0.0625" WIDE AND 6" X 3" X 0.5" DEEP SPALL ALONG TOP OF WALL

AT BENT 3, SCOUR HOLE AROUND ALL PILES, 50' LONG X 12' WIDE X UP TO 2.5' DEEP

Stream Bed Soundings

(Profile diagram on following sheet)

County **CASWELL** Structure Number: **160001** Inspection Date **02/16/2022**

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

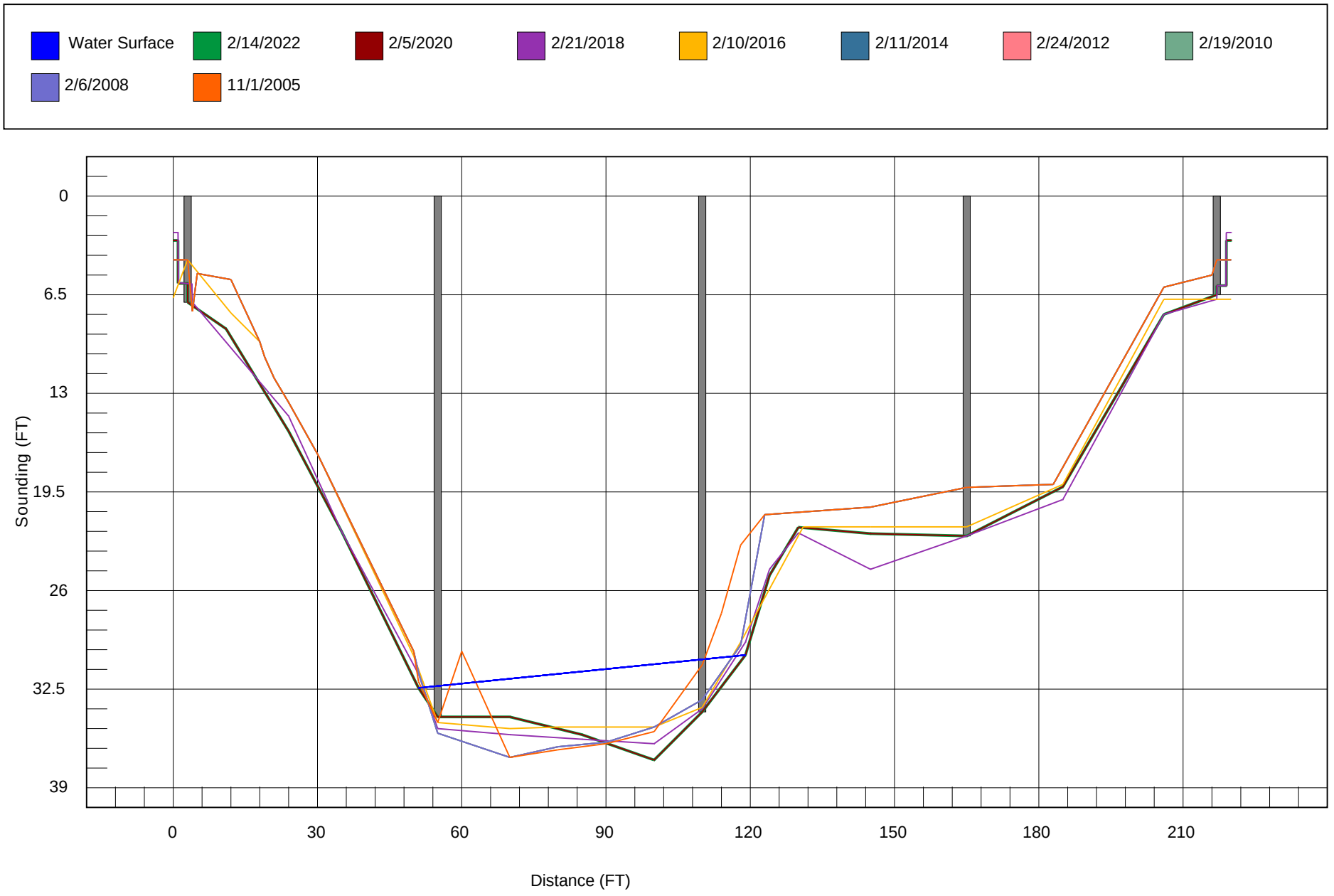
Highwater Mark Distance Location of Highwater Mark

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	2.920	0.000	FILL FACE
1.000	2.920	0.000	TOP OF WALL
1.010	5.750	0.000	TOP OF CAP
3.000	5.750	0.000	TOP OF CAP
3.010	7.000	7.000	END BENT 1 FACE
11.000	8.750	0.000	TOP OF SLOPE
24.000	15.500	0.000	GROUND
35.000	22.100	0.000	GOUND
51.000	32.420	0.000	WSWE
55.000	34.330	35.000	BENT 1
70.000	34.330	0.000	CREEK BED
85.000	35.500	0.000	CREEK BED
100.000	37.170	0.000	CREEK BED
110.000	34.000	38.080	BENT 2
119.000	30.250	0.000	WSWE
124.000	25.000	0.000	GROUND
130.000	21.830	0.000	GROUND
145.000	22.250	0.000	GROUND
165.000	22.400	24.250	BENT 3
185.000	19.160	0.000	GROUND
206.000	7.800	0.000	GROUND
217.000	6.500	6.750	END BENT 2 FACE
217.010	5.900	0.000	TOP OF CAP
219.000	5.900	0.000	TOP OF CAP
219.010	2.920	0.000	TOP OF WALL
220.000	2.920	0.000	FILL FACE

Bridge: 160001 County: CASWELL Date: 02/14/2022

STREAMBED PROFILE (Downstream)

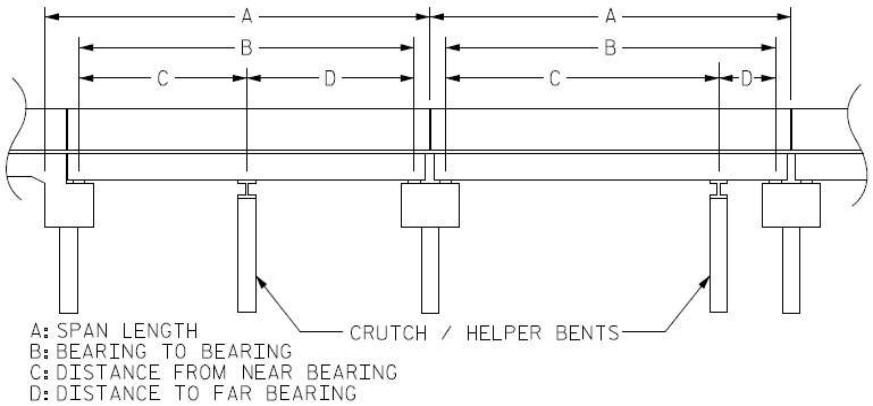
Top of Rail = 0FT (Sounding)



Structure Data Worksheet

Span Profile

County: **CASWELL** Structure Number: **160001**



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	55.000	53.250			
2	55.000	54.000			
3	55.000	54.000			
4	55.000	53.250			

WEST APPROACH

TYPICAL GUARDRAIL TERMINAL END

TYPICAL GUARDRAIL

TYPICAL GUARDRAIL SPACING

TRAFFIC CONTROL/TRUCK

BRIDGE RAIL TO GUARDRAIL CONNECTION

TYPICAL BRIDGE RAIL

TYPICAL END BENT EXPANSION JOINT

TYPICAL WEARING SURFACE

EAST APPROACH

TRAFFIC CONTROL

SOUTH ELEVATION

NORTH ELEVATION

LOOKING NORTH DOWNSTREAM

LOOKING SOUTH UPSTREAM

SLOPE @ END BENT 1

END BENT 1

BENT 2

TYPICAL UNDERSIDE (SPAN 2 SHOWN)

TYPICAL DIAPHRAGM

TYPICAL INTERMEDIATE BEARING

BENT 1

BENT 3

SLOPE @ END BENT 2

TYPICAL WINGWALL

TYPICAL END BENT BEARING (END BENT 1 SHOWN)

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3102	Removal of Hazard	EA	15	(PAR) AREAS OF 100% SECTION LOSS UP 17" X 3" AND BROKEN AND DETACHED CROSS BRACING INTERMITTENT THROUGHOUT BENT 3	
3102	Removal of Hazard	EA	5	(PAR) STEEL DIAPHRAGM: SPAN 2 AT BENT 1 IN BAY 3, CORROSION ALONG TOP FLANGE UP TO 36" LONG X 1" WIDE WITH NO MEASURABLE LOSS OF SECTION, AND CORROSION ALONG BOTTOM FLANGE UP TO 22" X 3" DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 4" LONG X 1" WIDE LOSS OF SECTION NEAR MIDLENGTH	
3120	Repair/Maintain Barriers	LF	50	(PAR) GUARDRAIL DAMAGE AT NEAR LEFT APPROACH ADJACENT TO END TERMINATION, 50' SECTION IMPACTED	
3314	Maintain Steel Superstructure Components	LF	4	Span 1 Beam 2: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 39" LONG X 10" HIGH DOWN TO 0.307" RESIDUAL WEB, AND 35" LONG X 5" WIDE DOWN TO 0.484" RESIDUAL FLANGE AT BENT 1 BEARING	
3314	Maintain Steel Superstructure Components	LF	3	Span 1 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 24" HIGH DOWN TO 0.291" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.289" RESIDUAL FLANGE AT BENT 1 BEARING	
3314	Maintain Steel Superstructure Components	LF	3	Span 1 Beam 4: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION BENEATH PAINT REPAIR IN WEB, AND 20" LONG X 5" WIDE DOWN TO .491" RESIDUAL FLANGE, APPROXIMATELY 4" FROM FACE OF BENT 1 BEARING	
3314	Maintain Steel Superstructure Components	LF	2	Span 1 Beam 5: (PAR) CORROSION AT BEAM END DOWN TO 0.381" IN LOWER WEB	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL 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	3	Span 2 Beam 1: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 24" HIGH SURFACE CORROSION ON WEB, AND 36" LONG X 11 3/4" WIDE DOWN TO .431" RESIDUAL FLANGE AT BENT 2 BEARING	
3314	Maintain Steel Superstructure Components	LF	6	Span 2 Beam 1: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68" LONG X 10" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 61" LONG X 11 3/4" WIDE DOWN TO 5/8" RESIDUAL FLANGE AT BENT 1 BEARING	
3314	Maintain Steel Superstructure Components	LF	35	Span 2 Beam 2: (PAR) 35' SECTION OF CORROSION ALONG LEFT AND RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 4" HIGH DOWN TO 0.376" RESIDUAL WEB, AND 5" WIDE DOWN TO 1/2" RESIDUAL FLANGE EXTENDING FROM BENT 1 (NO PHOTOS)	
3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 33" LONG X 6" HIGH DOWN TO 0.275" RESIDUAL WEB, AND 34" LONG X 5" WIDE DOWN TO 0.328" RESIDUAL FLANGE AT BENT 2 BEARING	
3314	Maintain Steel Superstructure Components	LF	7	Span 2 Beam 3: (PAR) 100% SECTION LOSS FOR 7" LONG x 7" HIGH x 4" WIDE OVER BENT 2 BEARING	
3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 25" LONG X 24" HIGH DOWN TO RESIDUAL WEB WITH 3" X 3" LOSS OF SECTION, AND 24" LONG X 11 3/4" WIDE DOWN TO .177" RESIDUAL FLANGE AT BENT 2 BEARING	
3314	Maintain Steel Superstructure Components	LF	5	Span 2 Beam 4: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 60" LONG X 5" HIGH WITH DOWN TO 0.334" RESIDUAL WEB, AND 60" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL 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	2	Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 17" LONG X 3" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 6" WIDE DOWN TO .546" RESIDUAL FLANGE AT BENT 2 BEARING	
3314	Maintain Steel Superstructure Components	LF	5	Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 55" LONG X 10" HIGH WITH DOWN TO 0.322" REMAINING RESIDUAL WEB AT BENT 1 BEARING	
3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 7" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 67" LONG X 11 1/2" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING	
3314	Maintain Steel Superstructure Components	LF	3	Span 3 Beam 1: (PAR) CORROSION EXTENDING 5' FROM BENT 2 WEB, 0.251" REMAINING UP 3" FROM FLANGE	
3314	Maintain Steel Superstructure Components	LF	3	Span 3 Beam 1: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 5" HIGH DOWN TO 0.471" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.401" RESIDUAL FLANGE AT BENT 3 BEARING	
3314	Maintain Steel Superstructure Components	LF	49	Span 3 Beam 1: (PAR) INTERMITTENT FULL LENGTH, CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 5" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 5" WIDE IN BOTTOM OF MIDSPAN FLANGE WITH NO MEASURABLE SECTION LOSS	
3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 12" LONG X 24" HIGH DOWN TO 0.405" RESIDUAL WEB AT END OF BEAM AT BENT 2	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL 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	40	Span 3 Beam 2: (PAR) INTERMITTENT FULL LENGTH CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 6" HIGH DOWN TO 0.40" RESIDUAL WEB, AND 5" WIDE DOWN TO 0.50" RESIDUAL FLANGE, BEGINNING 4' FROM BENT 2 (NO PHOTO)	
3314	Maintain Steel Superstructure Components	LF	3	Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 32" LONG X 5" HIGH DOWN TO 0.212" RESIDUAL WEB, AND 34" LONG X 11 3/4" WIDE DOWN TO 0.351" RESIDUAL FLANGE AT BENT 3 BEARING	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 15" LONG X 5" HIGH DOWN TO 0.503" RESIDUAL WEB, AND 18" LONG X 11 3/4" WIDE DOWN TO 0.199" RESIDUAL FLANGE AT BENT 3 BEARING	
3314	Maintain Steel Superstructure Components	LF	6	Span 3 Beam 3: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 72" LONG X 24" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 72" LONG X 11 1/2" WIDE DOWN TO 0.360" RESIDUAL FLANGE AT BENT 2 BEARING	
3314	Maintain Steel Superstructure Components	LF	4	Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 38" LONG X 7" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 41" LONG X 11 3/4" WIDE DOWN TO 0.485" RESIDUAL FLANGE AT BENT 3 BEARING	
3314	Maintain Steel Superstructure Components	LF	5	Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 6" HIGH DOWN TO 0.342" RESIDUAL WEB, AND 39" LONG X 11 3/4" WIDE DOWN TO 0.505" RESIDUAL FLANGE AT BENT 2 BEARING	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL 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	3	Span 3 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 24" LONG X 13" HIGH DOWN TO 0.301" RESIDUAL WEB, AND 29" LONG X 11 3/4" WIDE DOWN TO .443" RESIDUAL FLANGE AT BENT 3 BEARING	
3314	Maintain Steel Superstructure Components	LF	9	Span 3 Beam 5: (PAR) CORROSION AND EVIDENCE OF CORROSION BENEATH PAINT REPAIR ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 6" HIGH DOWN TO 0.429" RESIDUAL WEB, AND 90" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 2 BEARING	
3314	Maintain Steel Superstructure Components	LF	2	Span 3 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 20" LONG X 3" HIGH DOWN TO 0.362" RESIDUAL WEB, AND 11" LONG X 11 3/4" WIDE DOWN TO 0.543" RESIDUAL FLANGE AT BENT 3 BEARING	
3314	Maintain Steel Superstructure Components	LF	2	Span 4 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14" LONG X 8" HIGH DOWN TO 0.236" RESIDUAL WEB, AND 24" LONG X 11 3/4" WIDE DOWN TO 0.200" RESIDUAL FLANGE AT BENT 3 BEARING	
3314	Maintain Steel Superstructure Components	LF	9	Span 4 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 108" LONG X 20" HIGH DOWN TO 0.393" RESIDUAL WEB, AND 103" LONG X 11 3/4" WIDE DOWN TO 0.500" RESIDUAL FLANGE AT BENT 3 BEARING	
3314	Maintain Steel Superstructure Components	LF	9	Span 4 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 19" HIGH DOWN TO 0.358" RESIDUAL WEB, AND 72" LONG X 11 3/4" WIDE DOWN TO 0.459" RESIDUAL FLANGE AT BENT 3 BEARING	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL 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	2	Span 4 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18" LONG X 7" HIGH DOWN TO 0.542" RESIDUAL WEB, AND 14" LONG X 5" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT END BENT 2 BEARING (NO PHOTO)	
3332	Maint Drainage System - Bridge	LF	21	(PAR) BRIDGE DRAINAGE, CLOGGED EITHER PARTIALLY OF FULLY WITH VEGETATION GROWTH. (16) ALONG RIGHT CURB & (5) ALONG LEFT CURB	
3352	Maint Slope Protection	SF	138	(PAR) SLOPE @ END BENT HAS EROSION AREA 5'x 8'x 4' DEEP UNDERMINING CAP BETWEEN BEAMS 1 & 2	
3352	Maint Slope Protection	SF	138	(PAR) END BENT 1 SLOPE PROTECTION, SOIL ERODING UP TO 2.5' DEEP AGAINST GROUTING PAD ADJACENT TO CAP. RIP RAP SCATTERED ALONG BOTTOM OF SLOPE (NO PHOTO)	
3352	Maint Slope Protection	SF	138	(PAR) END BENT 1 SLOPE PROTECTION, UP TO 4" WIDE CRACK IN OUTSIDE EDGE CONCRETE SHOOT ADJACENT TO END BENT 1 RIGHT EDGE AND SETTLEMENT INTERMITTENT THROUGHOUT (NO PHOTO)	
3352	Maint Slope Protection	SF	136	(PAR) END BENT 2 SLOPE PROTECTION, ALONG LEFT CONCRETE SHOOT; UP TO 3' DEEP X 8' LONG EROSION OF SOIL	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 1: (PAR) CORROSION ALONG BOTH FLANGES UP TO 6" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT BOTTOM OF CAP WITH UP TO 100% SECTION LOSS ON FAR FLANGE 4" WIDE X 1" HIGH ADJACENT TO CAP AND NEAR FLANGE	
3354	Maintain Steel Substructure Components	LF	2	Bent 3 Pile 1: (PAR) CORROSION ALONG RIGHT EDGE OF NEAR FLANGE UP TO 23" HIGH X 6" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 2: (PAR) CORROSION ALONG NEAR FLANGE UP TO 3" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE WITH 3/16" DIAMETER HOLE AT BOTTOM OF CAP UP TO 3" LONG	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 3: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT	
3354	Maintain Steel Substructure Components	LF	2	Bent 3 Pile 4: (PAR) FAR FLANGE DOWN TO KNIFE EDGE	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 4: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE ABOVE CONCRETE ENCASEMENT (NO PHOTO)	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 4: (PAR) CORROSION ALONG BOTH FLANGES UP TO 5" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE AT BOTTOM OF CAP	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 5: (PAR) CORROSION ALONG BOTH FLANGES UP TO 11" HIGH X 12" WIDE DOWN TO 3/16" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT (NO PHOTO)	
3354	Maintain Steel Substructure Components	LF	2	Bent 3 Pile 5: (PAR) CORROSION ALONG BOTH FLANGES UP TO 24" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 2 1/2" WIDE X 1" HIGH HOLES AT BOTTOM OF CAP	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 6: (PAR) CORROSION ALONG FAR FLANGE UP TO 5" HIGH X 12" WIDE DOWN TO 3/16" RESIDUAL FLANGE, APPROXIMATELY 4' FROM BOTTOM OF CAP	
3354	Maintain Steel Substructure Components	LF	2	Bent 3 Pile 6: (PAR) CORROSION ALONG WEB AND BOTH FLANGES UP TO 19" HIGH X 11" WIDE WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 19" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 2 LOCATIONS OF UP TO 6" HIGH X 3" WIDE 100% LOSS OF SECTION ABOVE CONCRETE ENCASEMENT	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3354	Maintain Steel Substructure Components	LF	2	Bent 3 Pile 7: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 7: (PAR) CORROSION ALONG RIGHT EDGE OF FAR FLANGE UP TO 10" HIGH X 9" WIDE DOWN TO 1/4" RESIDUAL FLANGE, APPROXIMATELY 2' FROM BOTTOM OF CAP	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 8: (PAR) CORROSION ALONG BOTH FLANGES UP TO 8" HIGH X 12" WIDE DOWN TO 1/8" RESIDUAL FLANGE AT BOTTOM OF CAP	
3354	Maintain Steel Substructure Components	LF	2	Bent 3 Pile 8: (PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT	
3354	Maintain Steel Substructure Components	LF	1	Bent 3 Pile 9: (PAR) CORROSION ALONG BOTH FLANGES UP TO 12" HIGH X 12" WIDE DOWN TO 5/16" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT	
3354	Maintain Steel Substructure Components	LF	2	Bent 3 Pile 9: (PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 4" WIDE X 1 1/2" HIGH LOSS OF SECTIONS AT BOTTOM OF CAP	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3102	Removal of Hazard	15 EA

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

(PAR) AREAS OF 100% SECTION LOSS UP 17" X 3" AND BROKEN AND DETACHED CROSS BRACING INTERMITTENT THROUGHOUT BENT 3

MMS Code	MMS Description	Quantity
3102	Removal of Hazard	5 EA

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

(PAR) STEEL DIAPHRAGM: SPAN 2 AT BENT 1 IN BAY 3, CORROSION ALONG TOP FLANGE UP TO 36" LONG X 1" WIDE WITH NO MEASURABLE LOSS OF SECTION, AND CORROSION ALONG BOTTOM FLANGE UP TO 22" X 3" DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 4" LONG X 1" WIDE LOSS OF SECTION NEAR MIDLENGTH

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3120	Repair/Maintain Barriers	50 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

(PAR) GUARDRAIL DAMAGE AT NEAR LEFT APPROACH ADJACENT TO END TERMINATION, 50' SECTION IMPACTED

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	4 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Span 1 Beam 2: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 39" LONG X 10" HIGH DOWN TO 0.307" RESIDUAL WEB, AND 35" LONG X 5" WIDE DOWN TO 0.484" RESIDUAL FLANGE AT BENT 1 BEARING

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Span 1 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 24" HIGH DOWN TO 0.291" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.289" RESIDUAL FLANGE AT BENT 1 BEARING

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Span 1 Beam 4: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 4" HIGH WITH NO MEASURABLE LOSS OF SECTION BENEATH PAINT REPAIR IN WEB, AND 20" LONG X 5" WIDE DOWN TO .491" RESIDUAL FLANGE, APPROXIMATELY 4" FROM FACE OF BENT 1 BEARING

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Span 1 Beam 5: (PAR) CORROSION AT BEAM END DOWN TO 0.381" IN LOWER WEB

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Span 2 Beam 1: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 36" LONG X 24" HIGH SURFACE CORROSION ON WEB, AND 36" LONG X 11 3/4" WIDE DOWN TO .431" RESIDUAL FLANGE AT BENT 2 BEARING

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	6 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Span 2 Beam 1: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 68" LONG X 10" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 61" LONG X 11 3/4" WIDE DOWN TO 5/8" RESIDUAL FLANGE AT BENT 1 BEARING

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	35 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Span 2 Beam 2: (PAR) 35' SECTION OF CORROSION ALONG LEFT AND RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 4" HIGH DOWN TO 0.376" RESIDUAL WEB, AND 5" WIDE DOWN TO 1/2" RESIDUAL FLANGE EXTENDING FROM BENT 1 (NO PHOTOS)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Span 2 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 33" LONG X 6" HIGH DOWN TO 0.275" RESIDUAL WEB, AND 34" LONG X 5" WIDE DOWN TO 0.328" RESIDUAL FLANGE AT BENT 2 BEARING

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	7 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Span 2 Beam 3: (PAR) 100% SECTION LOSS FOR 7" LONG x 7" HIGH x 4" WIDE OVER BENT 2 BEARING

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Span 2 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 25" LONG X 24" HIGH DOWN TO RESIDUAL WEB WITH 3" X 3" LOSS OF SECTION, AND 24" LONG X 11 3/4" WIDE DOWN TO .177" RESIDUAL FLANGE AT BENT 2 BEARING

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	5 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Span 2 Beam 4: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 60" LONG X 5" HIGH WITH DOWN TO 0.334" RESIDUAL WEB, AND 60" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 17" LONG X 3" HIGH WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 14" LONG X 6" WIDE DOWN TO .546" RESIDUAL FLANGE AT BENT 2 BEARING

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	5 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Span 2 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 55" LONG X 10" HIGH WITH DOWN TO 0.322" REMAINING RESIDUAL WEB AT BENT 1 BEARING

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Span 2 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 7" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 67" LONG X 11 1/2" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 1 BEARING

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Span 3 Beam 1: (PAR) CORROSION EXTENDING 5' FROM BENT 2 WEB, 0.251" REMAINING UP 3" FROM FLANGE

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Span 3 Beam 1: (PAR) CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 34" LONG X 5" HIGH DOWN TO 0.471" RESIDUAL WEB, AND 36" LONG X 5" WIDE DOWN TO 0.401" RESIDUAL FLANGE AT BENT 3 BEARING

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	49 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Span 3 Beam 1: (PAR) INTERMITTENT FULL LENGTH, CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 5" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 5" WIDE IN BOTTOM OF MIDSPAN FLANGE WITH NO MEASURABLE SECTION LOSS

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB UP TO 12" LONG X 24" HIGH DOWN TO 0.405" RESIDUAL WEB AT END OF BEAM AT BENT 2

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	40 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Span 3 Beam 2: (PAR) INTERMITTENT FULL LENGTH CORROSION ALONG RIGHT FACE OF WEB AND BOTTOM FLANGE UP TO 6" HIGH DOWN TO 0.40" RESIDUAL WEB, AND 5" WIDE DOWN TO 0.50" RESIDUAL FLANGE, BEGINNING 4' FROM BENT 2 (NO PHOTO)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Span 3 Beam 2: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 32" LONG X 5" HIGH DOWN TO 0.212" RESIDUAL WEB, AND 34" LONG X 11 3/4" WIDE DOWN TO 0.351" RESIDUAL FLANGE AT BENT 3 BEARING

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Span 3 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 15" LONG X 5" HIGH DOWN TO 0.503" RESIDUAL WEB, AND 18" LONG X 11 3/4" WIDE DOWN TO 0.199" RESIDUAL FLANGE AT BENT 3 BEARING

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	6 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Span 3 Beam 3: (PAR) CORROSION ALONG LEFT FACE OF WEB AND BOTTOM FLANGE UP TO 72" LONG X 24" HIGH DOWN TO 0.385" RESIDUAL WEB, AND 72" LONG X 11 1/2" WIDE DOWN TO 0.360" RESIDUAL FLANGE AT BENT 2 BEARING

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	4 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 38" LONG X 7" HIGH DOWN TO 0.413" RESIDUAL WEB, AND 41" LONG X 11 3/4" WIDE DOWN TO 0.485" RESIDUAL FLANGE AT BENT 3 BEARING

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	5 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Span 3 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 58" LONG X 6" HIGH DOWN TO 0.342" RESIDUAL WEB, AND 39" LONG X 11 3/4" WIDE DOWN TO 0.505" RESIDUAL FLANGE AT BENT 2 BEARING

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	3 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Span 3 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 24" LONG X 13" HIGH DOWN TO 0.301" RESIDUAL WEB, AND 29" LONG X 11 3/4" WIDE DOWN TO .443" RESIDUAL FLANGE AT BENT 3 BEARING

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	9 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Span 3 Beam 5: (PAR) CORROSION AND EVIDENCE OF CORROSION BENEATH PAINT REPAIR ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 6" HIGH DOWN TO 0.429" RESIDUAL WEB, AND 90" LONG X 11 3/4" WIDE DOWN TO 9/16" RESIDUAL FLANGE AT BENT 2 BEARING

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Span 3 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 20" LONG X 3" HIGH DOWN TO 0.362" RESIDUAL WEB, AND 11" LONG X 11 3/4" WIDE DOWN TO 0.543" RESIDUAL FLANGE AT BENT 3 BEARING

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Span 4 Beam 3: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 14" LONG X 8" HIGH DOWN TO 0.236" RESIDUAL WEB, AND 24" LONG X 11 3/4" WIDE DOWN TO 0.200" RESIDUAL FLANGE AT BENT 3 BEARING

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	9 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Span 4 Beam 4: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 108" LONG X 20" HIGH DOWN TO 0.393" RESIDUAL WEB, AND 103" LONG X 11 3/4" WIDE DOWN TO 0.500" RESIDUAL FLANGE AT BENT 3 BEARING

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	9 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Span 4 Beam 5: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 105" LONG X 19" HIGH DOWN TO 0.358" RESIDUAL WEB, AND 72" LONG X 11 3/4" WIDE DOWN TO 0.459" RESIDUAL FLANGE AT BENT 3 BEARING

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Span 4 Beam 6: (PAR) CORROSION ALONG BOTH FACES OF WEB AND BOTTOM FLANGE UP TO 18" LONG X 7" HIGH DOWN TO 0.542" RESIDUAL WEB, AND 14" LONG X 5" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT END BENT 2 BEARING (NO PHOTO)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3332	Maint Drainage System - Bridge	21 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
(PAR) BRIDGE DRAINAGE, CLOGGED EITHER PARTIALLY OF FULLY WITH VEGETATION GROWTH. (16) ALONG RIGHT CURB & (5) ALONG LEFT CURB

MMS Code	MMS Description	Quantity
3352	Maint Slope Protection	138 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
(PAR) SLOPE @ END BENT HAS EROSION AREA 5'x 8'x 4' DEEP UNDERMINING CAP BETWEEN BEAMS 1 & 2

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3352	Maint Slope Protection	138 SF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
(PAR) END BENT 1 SLOPE PROTECTION, SOIL ERODING UP TO 2.5' DEEP AGAINST GROUTING PAD ADJACENT TO CAP. RIP RAP SCATTERED ALONG BOTTOM OF SLOPE (NO PHOTO)

MMS Code	MMS Description	Quantity
3352	Maint Slope Protection	138 SF

Location:	
Bent/Span No.	

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
(PAR) END BENT 1 SLOPE PROTECTION, UP TO 4" WIDE CRACK IN OUTSIDE EDGE CONCRETE SHOOT ADJACENT TO END BENT 1 RIGHT EDGE AND SETTLEMENT INTERMITTENT THROUGHOUT (NO PHOTO)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3352	Maint Slope Protection	136 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
(PAR) END BENT 2 SLOPE PROTECTION, ALONG LEFT CONCRETE SHOOT; UP TO 3' DEEP X 8' LONG EROSION OF SOIL

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Bent 3 Pile 1: (PAR) CORROSION ALONG BOTH FLANGES UP TO 6" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE AT BOTTOM OF CAP WITH UP TO 100% SECTION LOSS ON FAR FLANGE 4" WIDE X 1" HIGH ADJACENT TO CAP AND NEAR FLANGE

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Bent 3 Pile 1: (PAR) CORROSION ALONG RIGHT EDGE OF NEAR FLANGE UP TO 23" HIGH X 6" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Bent 3 Pile 2: (PAR) CORROSION ALONG NEAR FLANGE UP TO 3" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE WITH 3/16" DIAMETER HOLE AT BOTTOM OF CAP UP TO 3" LONG

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Bent 3 Pile 3: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE DOWN TO 3/8" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Bent 3 Pile 4: (PAR) FAR FLANGE DOWN TO KNIFE EDGE

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Bent 3 Pile 4: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE ABOVE CONCRETE ENCASEMENT (NO PHOTO)

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Bent 3 Pile 4: (PAR) CORROSION ALONG BOTH FLANGES UP TO 5" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE AT BOTTOM OF CAP

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Bent 3 Pile 5: (PAR) CORROSION ALONG BOTH FLANGES UP TO 11" HIGH X 12" WIDE DOWN TO 3/16" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT (NO PHOTO)

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Bent 3 Pile 5: (PAR) CORROSION ALONG BOTH FLANGES UP TO 24" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 2 1/2" WIDE X 1" HIGH HOLES AT BOTTOM OF CAP

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Bent 3 Pile 6: (PAR) CORROSION ALONG FAR FLANGE UP TO 5" HIGH X 12" WIDE DOWN TO 3/16" RESIDUAL FLANGE, APPROXIMATELY 4' FROM BOTTOM OF CAP

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Bent 3 Pile 6: (PAR) CORROSION ALONG WEB AND BOTH FLANGES UP TO 19" HIGH X 11" WIDE WITH NO MEASURABLE LOSS OF SECTION IN WEB, AND 19" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE WITH 2 LOCATIONS OF UP TO 6" HIGH X 3" WIDE 100% LOSS OF SECTION ABOVE CONCRETE ENCASEMENT

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Bent 3 Pile 7: (PAR) CORROSION ALONG BOTH FLANGES UP TO 17" HIGH X 12" WIDE DOWN TO 1/4" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Bent 3 Pile 7: (PAR) CORROSION ALONG RIGHT EDGE OF FAR FLANGE UP TO 10" HIGH X 9" WIDE DOWN TO 1/4" RESIDUAL FLANGE, APPROXIMATELY 2' FROM BOTTOM OF CAP

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Bent 3 Pile 8: (PAR) CORROSION ALONG BOTH FLANGES UP TO 8" HIGH X 12" WIDE DOWN TO 1/8" RESIDUAL FLANGE AT BOTTOM OF CAP

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	2 LF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details

Bent 3 Pile 8: (PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE DOWN TO KNIFE'S EDGE RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 160001 County CASWELL

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

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Bent 3 Pile 9: (PAR) CORROSION ALONG BOTH FLANGES UP TO 12" HIGH X 12" WIDE DOWN TO 5/16" RESIDUAL FLANGE ABOVE CONCRETE ENCASEMENT

MMS Code	MMS Description	Quantity
3354	Maintain Steel Substructure Components	2 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
02/15/2022	RICK POOLE	

Details
Bent 3 Pile 9: (PAR) CORROSION ALONG BOTH FLANGES UP TO 20" HIGH X 12" WIDE, 100% SECTION LOSS ON FLANGE WITH UP TO 4" WIDE X 1 1/2" HIGH LOSS OF SECTIONS AT BOTTOM OF CAP

Bridge Inspection Field Sketch

Roadway	23.83ft Wide	2 Paved Lanes	Looking East
Left Shoulder	9.42ft Wide	3.92ft Paved	5.5ft Unpaved
Right Shoulder	10.58ft Wide	4.42ft Paved	6.17ft Unpaved
Left Guardrail	9.42ft from road		
Right Guardrail	10.58ft from road		

Measurements recorded approximately 25'-0" from End Bent 1

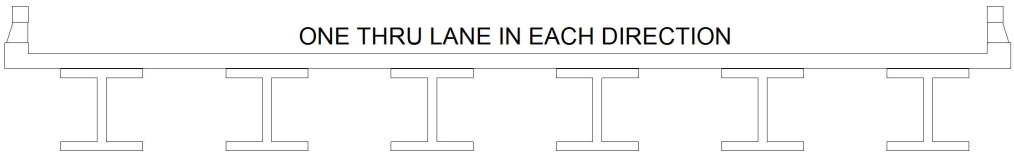
VERIFIED BY RDP 2/14/22

Title	**Description**
APPROACH ROADWAY	LOOKING EAST

Bridge No:	**Drawn By:**	**Date:**	**File Name:**
160001	MYW	02/19/10	S0058000856

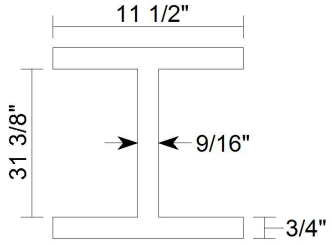
Bridge Inspection Field Sketch

Deck Width/Out to Out	46.417ft	Between Rails				44.0ft
Clear Roadway	43.33ft	Wearing Surface				
Median Width		Median Height				
Curb Height		Left	0.667ft	Right	0.667ft	
Sidewalk Width		Left		Right		
Clear Roadway (Rail to Median)		Left		Right		
Guardrail Width		Left	1.208ft	Right	1.208ft	
Top of Rail to Deck/Wearing Surface		Left	2.333ft	Right	2.333ft	
Bridge Rail		Left	Type 2	Right	Type 2	



Measurements for Spans	1 thru 4		
Deck Thickness	0.667	Left Overhang	3.208
Top of Rail to Bottom of Beam	5.667	Right Overhang	3.208

Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	8.0ft	
2	Steel I Beam	8.0ft	
3	Steel I Beam	8.0ft	
4	Steel I Beam	8.0ft	
5	Steel I Beam	8.0ft	
6	Steel I Beam		



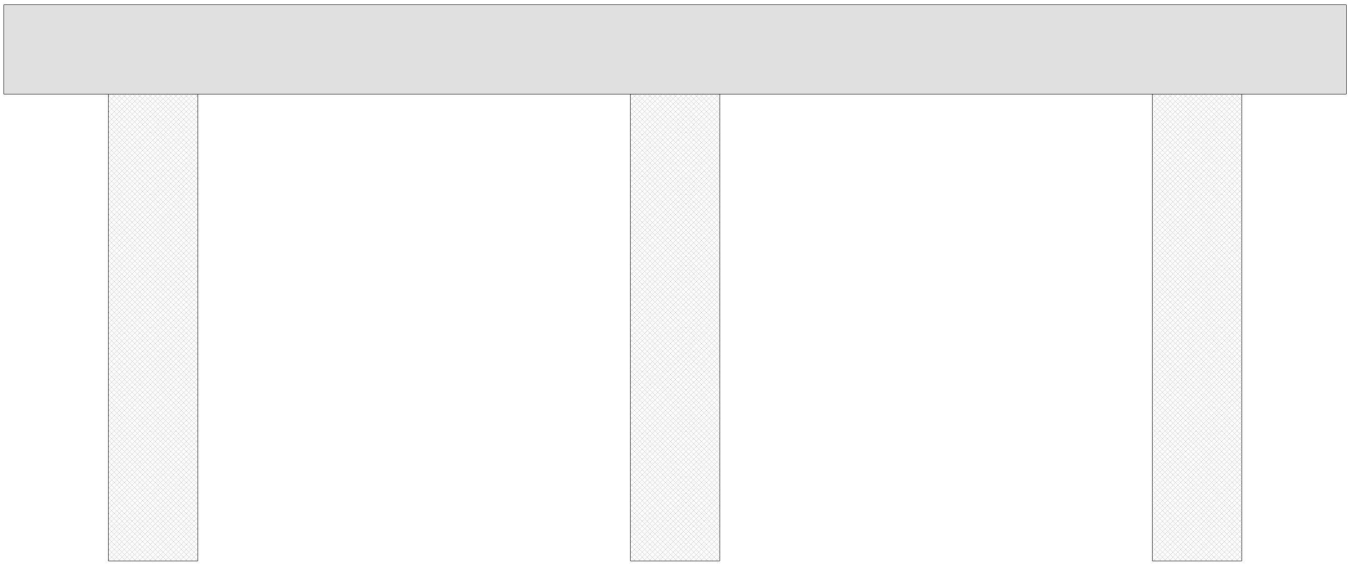
BEAM DETAILS
W33x118

VERIFIED BY RDP 2/14/22

Title	Description
TYPICAL SECTION	6 LINES OF STEEL I-BEAMS

Bridge No:	Drawn By:	Date:	File Name:
160001	MYW	02/19/10	S0058000857

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.
45.0 ft.	2.5 ft.	3.0 ft.	4.5 ft.	4.5 ft.	1.25 ft.	1.25 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	Concrete	18.0 ft.	2.5 ft.	2.5 ft.			No	No	No	No
2	Concrete	18.0 ft.	2.5 ft.	2.5 ft.			No	No	No	No
3	Concrete		2.5 ft.	2.5 ft.			No	No	No	No

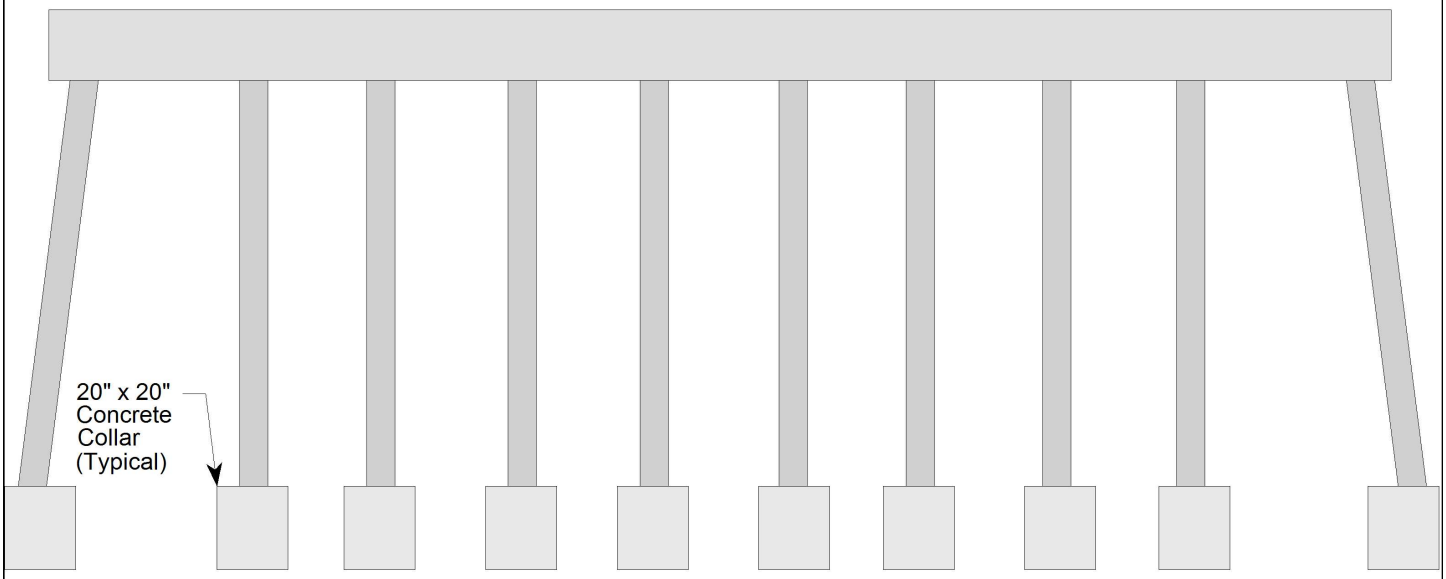
Bent: 1 Similar Bent: 2

VERIFIED BY RDP 2/14/22

Title	**Description**
BENTS 1 & 2	LOOKING EAST

Bridge No: 160001	**Drawn By:** MYW	**Date:** 2/19/2010	**File Name:** S0058003181

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.
47.5 ft.	2.5 ft.	2.5 ft.	1.25 ft.	1.083 ft.	1.5 ft.	1.5 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	Steel	6.0 ft.	1.0 ft.	1.0 ft.		Battered	Yes	No	No	Yes
2	Steel	4.5 ft.	1.0 ft.	1.0 ft.		Vertical	Yes	No	No	Yes
3	Steel	5.0 ft.	1.0 ft.	1.0 ft.		Vertical	Yes	No	No	Yes
4	Steel	4.667 ft.	1.0 ft.	1.0 ft.		Vertical	Yes	No	No	Yes
5	Steel	4.917 ft.	1.0 ft.	1.0 ft.		Vertical	Yes	No	No	Yes
6	Steel	4.5 ft.	1.0 ft.	1.0 ft.		Vertical	Yes	No	No	Yes
7	Steel	4.833 ft.	1.0 ft.	1.0 ft.		Vertical	Yes	No	No	Yes
8	Steel	4.75 ft.	1.0 ft.	1.0 ft.		Vertical	Yes	No	No	Yes
9	Steel	6.0 ft.	1.0 ft.	1.0 ft.		Vertical	Yes	No	No	Yes
10	Steel		1.0 ft.	1.0 ft.		Battered	Yes	No	No	Yes

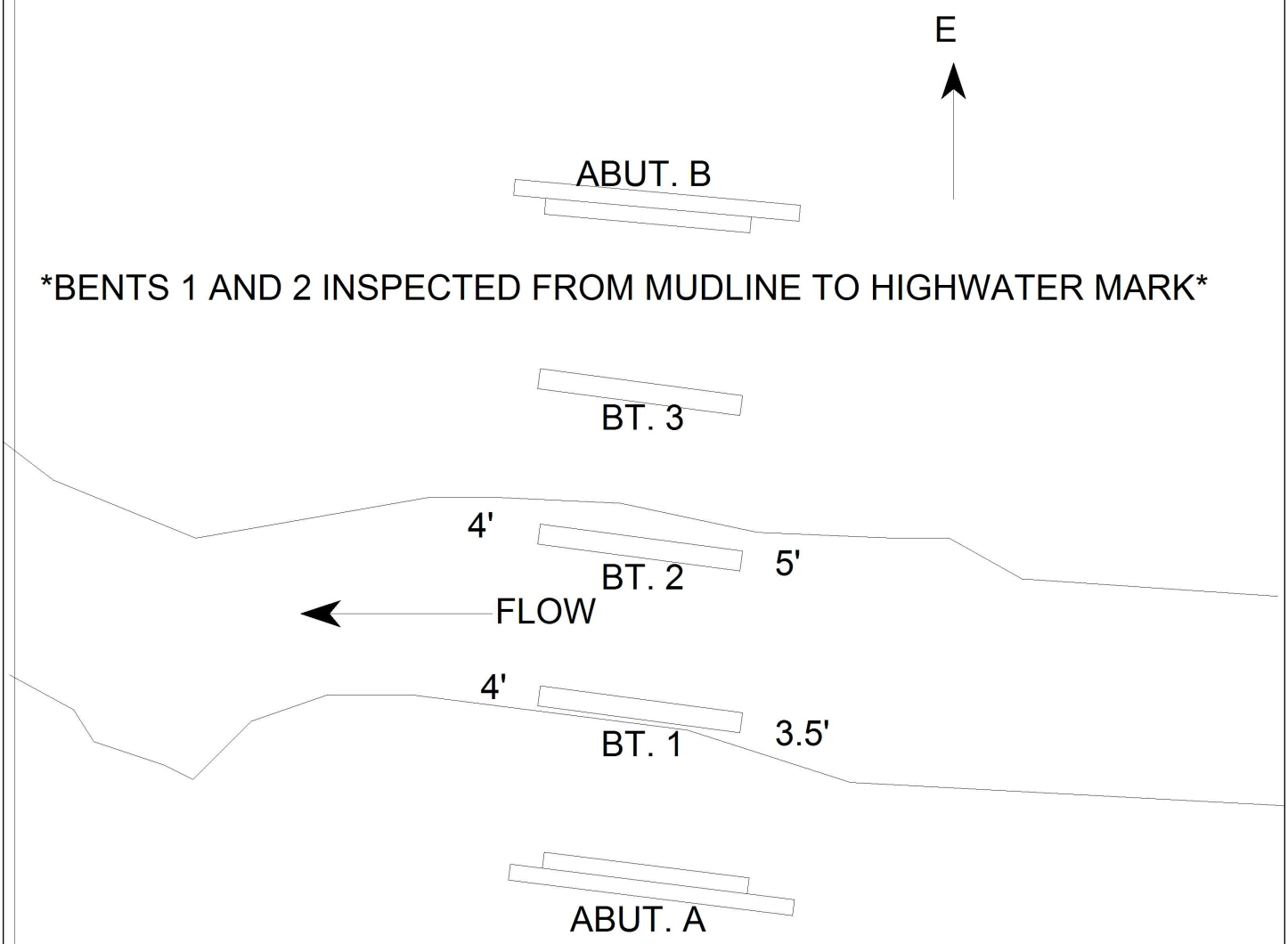
Bent: 3

VERIFIED BY RDP 2/14/22

Title	**Description**
BENT 3	LOOKING EAST

Bridge No: 160001	**Drawn By:** MYW	**Date:** 02/19/10	**File Name:** S0058000858

Bridge Inspection Field Sketch



WS: 30' @ BENT 2 N. SIDE
BOTTOM COMP: SILT, CLAY
BOTTOM PROBE:+- 1FT

VERIFIED BY RDP 2/14/21

Title	Description
PLAN VIEW	RCP & B

Bridge No:	Drawn By:	Date:	File Name:
160001	JCB	1/22/2009	S0162000201