



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: 21 PRIORITY ACTION REQUESTS (BEAMS) NEW WEARING SURFACE SINCE LAST INSPECTION.

Structure Safety Report

Routine Element Inspection

INSPECTION DATE: 12/17/2019

DIVISION: 13 COUNTY: BURKE STRUCTURE NUMBER: 110237 FREQUENCY: 24 MONTHS

FACILITY CARRIED: SR1913 MILE POST: _____

LOCATION: 0.1 MI.E.JCT.SR1914

FEATURE INTERSECTED: ROCK CREEK

LATITUDE: 35° 37' 59.77" LONGITUDE: 81° 34' 29.74"

SUPERSTRUCTURE: TIMBER FLOOR ON I-BEAMS(SALVAGED)

SUBSTRUCTURE: E.BTS:TIM.CAPS/TIM.P&S;INT.BTS:TIM.CAP/TIM.P&S/CONC.FTG.

SPANS: 3 SPANS. SEE SPAN PROFILE SHEET FOR SPAN DETAILS

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

NBI GRADES: DECK 7 SUPERSTRUCTURE 4 SUBSTRUCTURE 5 CULVERT N

POSTED SV: 17 17 POSTED TTST: 25 25

OTHER SIGNS PRESENT: DELINEATORS (4)



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

WEST APPROACH LOOKING EAST

INSPECTED BY
DELVIN ADAMS

SIGNATURE

ASSISTED BY RICKY HOWARD

12/30/2019

IDENTIFICATION				SUFFICIENCY RATING				34.
(1) STATE NAME	NORTH CAROLINA	BRIDGE	110237	STATUS =				520000000000 Structurally Deficient
(8) STRUCTURE NUMBER (FEDERAL)	0230237							00
(5) INVENTORY ROUTE (ON/UNDER)	ON		131019130	CLASSIFICATION				CODE
(2) STATE HIGHWAY DEPARTMENT DISTRICT	13			(112) NBIS BRIDGE SYSTEM				YES
(3) COUNTY CODE (FEDERAL)	23	(4) PLACE CODE	00000	(104) HIGHWAY SYSTEM				Inventory Route not on NHS
(6) FEATURE INTERSECTED	ROCK CREEK			(26) FUNCTIONAL CLASS				Rural Minor Collector
(7) FACILITY CARRIED	SR1913			(100) STRAHNET HIGHWAY				Not a STRAHNET Route
(9) LOCATION	0.1 MI.E.JCT.SR1914			(101) PARALLEL STRUCTURE				No parallel structure exists
(11) MILEPOINT	0.0			(102) DIRECTION OF TRAFFIC				2-way traffic
(12) BASE HIGHWAY NETWORK	0			(103) TEMPORARY STRUCTURE				Temporary Structure or Conditions
(13) LRS INVENTORY ROUTE & SUBROUTE				(110) DESIGNATED NATIONAL NETWORK -				on national network for trucks
(16) LATITUDE	35° 37' 59.77"	(17) LONGITUDE	81° 34' 29.74"	(20) TOLL				On Free Road
(98) BORDER BRIDGE STATE CODE	PERCENT SHARED			(21) MAINT -				
(99) BORDER BRIDGE STRUCTURE NUMBER				(22) OWNER -				
STRUCTURE TYPE AND MATERIAL				(37) HISTORICAL SIGNIFICANCE -				
(43) STRUCTURE TYPE MAIN	Steel							
TYPE	Stringer/Multi-beam or girder	CODE	302					
(44) STRUCTURE TYPE APPROACH				CONDITION				CODE
TYPE				(58) DECK				7
(45) NUMBER OF SPANS IN MAIN UNIT	3			(59) SUPERSTRUCTURE				4
(46) NUMBER OF SPANS IN APPROACH	0			(60) SUBSTRUCTURE				4
(107) DECK STRUCTURE TYPE	CODE			(61) CHANNEL & CHANNEL PROTECTION				7
(108)WEARING SURFACE/PROTECTIVE SYSTEM				(62) CULVERTS				N
(A) TYPE OF WEARING SURFACE	CODE			LOAD RATING AND POSTING				CODE
(B) TYPE OF MEMBRANE	CODE			(31) DESIGN LOAD				Unknown
(C) TYPE OF DECK PROTECTION	CODE			(63) OPERATING RATING METHOD -				Load Factor
AGE AND SERVICE				(64) OPERATING RATING -				HS-14
(27) YEAR BUILT	1970			(65) INVENTORY RATING METHOD -				
(106) YEAR RECONSTRUCTED	0.			(66) INVENTORY RATING				HS-8
	00000000000000							16
	0							
(42) TYPE OF SERVICE ON -	Highway			(70) BRIDGE POSTING				Posting Required
OFF -	Waterway	CODE	15	(41) STRUCTURE OPEN, POSTED, OR CLOSED				P
(28) LANES ON STRUCTURE	2	LANES UNDER STRUCTURE	0	DESCRIPTION				Posted for Load
(29) AVERAGE DAILY TRAFFIC	510			APPRAISAL				CODE
(30) YEAR OF ADT	2013	(109) TRUCK ADT PCT	6	(67) STRUCTURAL EVALUATION				4
(19) BYPASS OR DETOUR LENGTH	5.0			(68) DECK GEOMETRY				4
GEOMETRIC DATA				(69) UNDERCLEARANCES, VERT & HORIZ				N
(48) LENGTH OF MAXIMUM SPAN	20.0			(71) WATERWAY ADEQUACY				4
(49) STRUCTURE LENGTH	61.0			(72) APPROACH ROADWAY ALIGNMENT				4
(50) CURB OR SIDEWALK: LEFT	0.0	RIGHT	0.0	(36) TRAFFIC SAFETY FEATURES				0110
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB	23.7			(113) SCOUR CRITICAL BRIDGES				U
(52) DECK WIDTH OUT TO OUT	24.8							
(32) APPROACH ROADWAY WITH (W/ SHOULDERS)	24.0			PROPOSED IMPROVEMENTS				
(33) BRIDGE MEDIAN	No median			(75) TYPE OF WORK				CODE
(34) SKEW	45	(35) STRUCTURE FLARED	0	(76) LENGTH OF STRUCTURE IMPROVEMENT				
(10) INVENTORY ROUTE MIN VERT CLEAR	999.9			(94) BRIDGE IMPROVEMENT COST				
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	23.7			(95) ROADWAY IMPROVEMENT COST				
(53) MIN VERT CLEAR OVER BRIDGE RDWY	999.9			(96) TOTAL PROJECT COST				
(54) MIN VERT UNDERCLEAR: REFERENCE	0.0			(97) YEAR OF IMPROVEMENT COST ESTIMATE				
(55) MIN LAT UNDERCLEARANCE RT: REFERENCE	N			(114) FUTURE ADT				1,020
(56) MIN LAT UNDERCLEARANCE LT:	0.0			YEAR OF FUTURE ADT				2025
NAVIGATION DATA				INSPECTION				
(38) NAVIGATION CONTROL -	CODE			(90) INSPECTION DATE				12/19
(111) PIER PROTECTION	CODE			(92) CRITICAL FEATURE INSPECTION				(91) FREQUENCY
(39) NAVIGATION VERTICAL CLEARANCE	0.0			A) FRACTURE CRIT DETAIL				A)
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR	0.0			B) UNDERWATER INSP				B)
(40) NAVIGATION HORIZONTAL CLEARANCE	0.0			C) OTHER SPECIAL INSP				C)
				SCOUR				

Superstructure Build Details

Span Number 1

Span Length 20.2500

Skew 135.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	480	Square Feet		
1	Timber Deck	Timber Deck	507	Square Feet		
10	Plate Girder	Steel Open Girder/Beam	210	Feet	Legacy Red Lead Primer Systems with Various Topcoats	859
2	Steel Rail	Metal Bridge Railing	42	Feet	Galvanized Protective System	120

Span Number 2

Span Length 20.0000

Skew 135.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
2	Steel Rail	Metal Bridge Railing	40	Feet	Galvanized Protective System	120
1	Asphalt Wearing Surface	Wearing Surface	474	Square Feet		
10	Plate Girder	Steel Open Girder/Beam	200	Feet	Legacy Red Lead Primer Systems with Various Topcoats	750
1	Timber Deck	Timber Deck	500	Square Feet		

Span Number 3

Span Length 20.2500

Skew 135.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Timber Deck	Timber Deck	507	Square Feet		
2	Steel Rail	Metal Bridge Railing	42	Feet	Galvanized Protective System	120
10	Plate Girder	Steel Open Girder/Beam	210	Feet	Legacy Red Lead Primer Systems with Various Topcoats	760
1	Asphalt Wearing Surface	Wearing Surface	480	Square Feet		

Structure Element Scoring

Structure Number: 110237

Inspection Date 12/17/201
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Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
31	0	Timber Deck	Deck	1514	1514	0	0	0
107	0	Steel Open Girder/Beam	Beam	620	121	384	51	64
515	107	Steel Protective Coating	Beam	2369	2243	0	0	126
216	0	Timber Abutment	Abutments	80	74	0	6	0
228	0	Timber Pile	Piles and Columns	29	26	1	2	0
235	0	Timber Pier Cap	Caps	148	142	4	2	0
330	0	Metal Bridge Railing	Bridge Rail	124	104	20	0	0
515	330	Steel Protective Coating	Bridge Rail	360	310	0	50	0
510	0	Wearing Surface	Wearing Surfaces	1434	1434	0	0	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 110237

Inspection Date: 12/17/2019

MMS Code	Element Name	Defect Name	Recommended Quantity
3314	Steel Open Girder/Beam	Corrosion	115 Feet
3346	Timber Abutment	Decay/Section Loss	15 Feet
3344	Timber Pile	Decay/Section Loss	1 Each
3344	Timber Pier Cap	Decay/Section Loss	2 Feet
3342	Steel Protective Coating	Oxide Film Degradation Color/Texture Adherence (Steel Protec	4 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	122 Square Feet

Element Structure Maintenance Quantities

Structure Number: 110237

Inspection Date 12/17/2019

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3346	Maintenance of Timber Bulkheads or Wingwalls	15	80	0	6	0	74
Beam	3314	Maintenance Steel Superstructure Components	115	620	64	51	384	121
Beam	3342	Clean and Paint Steel	126	2369	126	0	0	2243
Bridge Rail	3322	Maintenance of Steel Bridge Rail	20	124	0	0	20	104
Bridge Rail	3342	Clean and Paint Steel	50	360	0	50	0	310
Caps	3344	Maintenance To Timber Substrcutre	2	148	0	2	4	142
Deck	3324	Maintenance of Timber Deck Components	0	1514	0	0	0	1514
Piles and Columns	3344	Maintenance To Timber Substrcutre	1	29	0	2	1	26
Wearing Surfaces	2816	Asphalt Surface Repair	0	1434	0	0	0	1434

Priority Actions Request

Structure Number 110237

Span1

3314	Beam 1	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 1 Beam 1: LEFT BOTTOM FLANGE IS DOWN TO 0.188" FROM THE ORIGINAL 0.375" FOR 3' 0" LONG x 1" WIDE STARTING AT THE END AT END BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.
3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 2: LEFT BOTTOM FLANGE IS DOWN TO 0.125" FROM THE ORIGINAL 0.375" FOR 4" LONG x 1" WIDE STARTING AT 3' 0" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.
3314	Beam 5	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	12	Span 1 Beam 5: LEFT BOTTOM FLANGE IS DOWN TO 0.250" IN SCATTERED AREAS FROM THE ORIGINAL 0.375" FOR 11' 6" LONG x 1" WIDE STARTING AT 6' 2" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.
3314	Beam 10	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 1 Beam 10: BOTH SIDES OF THE BOTTOM FLANGE ARE DOWN TO A KNIFE EDGE 0.125" FROM THE ORIGINAL 0.375" FOR 10" LONG x FULL WIDTH STARTING AT THE END AT BENT 1. THE LOWER WEB IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 10" LONG x 8" HIGH IN THIS AREA. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.
3	Corrosion	16	Span 1 Beam 10: LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE TO 0.125" FROM THE ORIGINAL 0.375" FOR 15' 1" LONG x 1.5" WIDE STARTING AT THE END AT END BENT 1. THE WEB AT BRIDGERAIL POST 2 BLOCK HAS HOLES 3" HIGH x 1.25" WIDE AND 3" HIGH x 1" WIDE AT EITHER SIDE OF THE BLOCK. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.

Span2

3314	Beam 2	Plate Girder	
Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	4	Span 2 Beam 2: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 3' 10" LONG x 2" WIDE STARTING AT 8' 5" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.
3314	Beam 3	Plate Girder	

 Priority Action Request (PAR)
  Assigned Routine Maintenance
  Assigned Priority Maintenance
  Assigned Critical Find

Priority Actions Request

Structure Number **110237**

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	20	Span 2 Beam 3: LEFT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR FULL LENGTH x 1.5" WIDE. RIGHT BOTTOM FLANGE IS DOWN TO 0.188" TO 0.250" FOR FULL LENGTH x UP TO 1.5" WIDE. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.

3314 **Beam 4** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 2 Beam 4: LEFT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 7" LONG x 1.5" WIDE STARTING AT 10' 4" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.
2	Corrosion	3	Span 2 Beam 4: RIGHT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 3' 0" LONG x 1.5" WIDE STARTING AT 5' 3" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.
2	Corrosion	1	Span 2 Beam 4: RIGHT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 9" LONG x 1.5" WIDE STARTING AT 11' 5" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.

3314 **Beam 5** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 2 Beam 5: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 21" LONG x 1.5" WIDE STARTING AT 14' 2" FROM THE END AT BENT 1. RIGHT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 3' 1" LONG x 1" WIDE STARTING AT 13' 5" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.

3314 **Beam 6** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 2 Beam 6: RIGHT BOTTOM FLANGE IS DOWN TO 0.188" FROM THE ORIGINAL 0.375" FOR 2" LONG x 1" WIDE STARTING AT 11' 4" FROM THE END AT BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.

3314 **Beam 7** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	9	Span 2 Beam 7: LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE TO 0.125" FROM THE ORIGINAL 0.375" FOR 8' 11" LONG x 1.5" WIDE STARTING THE END AT BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.

3314 **Beam 9** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
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? Priority Action Request (PAR) **1** Assigned Routine Maintenance **2** Assigned Priority Maintenance **3** Assigned Critical Find

Priority Actions Request

Structure Number **110237**

2 Corrosion 16 Span 2 Beam 9: LEFT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 15' 5" LONG x 1.5" WIDE STARTING AT THE END AT BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.

3314 Beam 10 Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	3	Span 2 Beam 10: RIGHT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 26" LONG x 1" WIDE STARTING AT THE END AT BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.

Span3

3314 Beam 3 Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	2	Span 3 Beam 3: RIGHT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE FOR 3" LONG AND 0.250" FOR 13" LONG FROM THE ORIGINAL 0.375" x 1.5" WIDE STARTING AT THE END AT BENT 2. THE LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE FOR 10" LONG x 1" WIDE AND THE END OF THE WEB IS DOWN TO 0.125" FROM THE ORIGINAL 0.375" FOR 1.5" WIDE x FULL HEIGHT AND HAS A 0.5" DIAMETER HOLE AT 1" FROM THE END AND 1.5" ABOVE THE BOTTOM FLANGE IN THIS AREA. A PRIORITY ACTION REQUEST IS BEING

3314 Beam 5 Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	8	Span 3 Beam 5: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 7' 6" LONG x 1.5" WIDE STARTING AT 18' FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.

3314 Beam 6 Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 6: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 8" LONG x 1.5" WIDE STARTING AT 6' 1" FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.

3314 Beam 7 Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	4	Span 3 Beam 7: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 4' 0" LONG x 1.5" WIDE STARTING AT THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.

3314 Beam 9 Plate Girder

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

Priority Actions Request

Structure Number **110237**

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	1	Span 3 Beam 9: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 10" LONG x 1.5" WIDE STARTING AT 8' 5" FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.

3314 **Beam 10** Plate Girder

Priority Level	Defect Type	Quantity	Defect Description
2	Corrosion	0	Span 3 Beam 10: RIGHT BOTTOM FLANGE IS DOWN TO 0.188" FROM THE ORIGINAL 0.375" FOR 4' 0" LONG x 1.5" WIDE STARTING AT 2' FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.

Element Condition and Maintenance Data

Structure Number: 110237

Inspection Date: 12/17/2019

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	21	13	5	3	0 Feet
515	Steel Protective Coating	76	73	0	0	3 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	LEFT BOTTOM FLANGE IS DOWN TO 0.188" FROM THE ORIGINAL 0.375" FOR 3' 0" LONG x 1" WIDE STARTING AT THE END AT END BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	3	3	3 Feet
107	Corrosion	1/32" SECTION LOSS TO BOTTOM FLANGE AT END BENT 1	2	5	Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	3	3 Square Feet

General Comments

BAY 1, DIAPHRAGM 2 BOTTOM FLANGE IS DOWN TO A KNIFE EDGE FOR 12" LONG x FULL WIDTH AND THE WEB IS DOWN TO 0.125" THICK FOR 14" LONG x UP TO 4" HIGH WITH 2 HOLES 0.75" DIAMETER NEAR THE BOTTOM FLANGE.

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	21	19	1	1	0 Feet
515	Steel Protective Coating	87	86	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	LEFT BOTTOM FLANGE IS DOWN TO 0.125" FROM THE ORIGINAL 0.375" FOR 4" LONG x 1" WIDE STARTING AT 3' 0" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	3	1	1 Feet
107	Corrosion	1/32" SECTION LOSS TO LEFT WEB 1.5' FROM BENT 1	2	1	Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	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	21	3	18	0	0 Feet
515	Steel Protective Coating	87	87	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	1/32" SECTION LOSS ALONG TOP FLANGE THROUGHOUT SPAN	2	18	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	21	2	19	0	0 Feet
515	Steel Protective Coating	87	87	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	1/32" SECTION LOSS TO TOP FLANGE THROUGHOUT SPAN	2	19	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	21	9	0	12	0 Feet
515	Steel Protective Coating	87	75	0	0	12 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	LEFT BOTTOM FLANGE IS DOWN TO 0.250" IN SCATTERED AREAS FROM THE ORIGINAL 0.375" FOR 11' 6" LONG x 1" WIDE STARTING AT 6' 2" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	3	12	12 Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	12	12 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	21	3	18	0	0 Feet
515	Steel Protective Coating	87	87	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	1/32" SECTION LOSS TO TOP AND BOTTOM FLANGES THROUGHOUT SPAN	2	18	Feet
General Comments					

Span 1**Beam 7****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	21	3	18	0	0 Feet
515	Steel Protective Coating	87	87	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	1/32" SECTION LOSS TO TOP FLANGE THROUGHOUT SPAN	2	18	Feet
General Comments					

Span 1 **Beam 8****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	21	3	18	0	0 Feet
515	Steel Protective Coating	87	87	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	1/32" SECTION LOSS TO TOP FLANGE THROUGHOUT SPAN	2	18	Feet

General Comments

Span 1 **Beam 9****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	21	1	20	0	0 Feet
515	Steel Protective Coating	87	87	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	1/32" SECTION LOSS TO TOP FLANGE THROUGHOUT SPAN	2	20	Feet

General Comments

Span 1 **Beam 10****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	21	4	0	0	17 Feet
515	Steel Protective Coating	87	66	0	0	21 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE TO 0.125" FROM THE ORIGINAL 0.375" FOR 15' 1" LONG x 1.5" WIDE STARTING AT THE END AT END BENT 1. THE WEB AT BRIDGERAIL POST 2 BLOCK HAS HOLES 3" HIGH x 1.25" WIDE AND 3" HIGH x 1" WIDE AT EITHER SIDE OF THE BLOCK. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	4	16	16 Feet
107	Corrosion	BOTH SIDES OF THE BOTTOM FLANGE ARE DOWN TO A KNIFE EDGE 0.125" FROM THE ORIGINAL 0.375" FOR 10" LONG x FULL WIDTH STARTING AT THE END AT BENT 1. THE LOWER WEB IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 10" LONG x 8" HIGH IN THIS AREA. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	4	1	1 Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	21	21 Square Feet

General Comments

Span 1 Left Bridge Rail**Steel Rail**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
330	Metal Bridge Railing	21	21	0	0	0 Feet
515	Steel Protective Coating	60	60	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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General Comments

4 Square Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated on the rail posts.

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 1 Right Bridge Rail**Steel Rail**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
330	Metal Bridge Railing	21	17	4	0	0 Feet
515	Steel Protective Coating	60	50	0	10	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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General Comments

4 Square Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated on the rail posts.

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

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	20	17	3	0	0 Feet
515	Steel Protective Coating	75	75	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	1/32" SECTION LOSS TO WE AT 2/3 POINT ON LEFT SIDE	2	3	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	20	0	16	4	0 Feet
515	Steel Protective Coating	75	66	0	0	9 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 3' 10" LONG x 2" WIDE STARTING AT 8' 5" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	3	4	4 Feet
107	Corrosion	1/16" SECTION LOSS TO TOP AND BOTTOM FLANGES THROUGHOUT SPAN	2	16	Feet

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515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	9	9 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	20	0	0	0	20 Feet
515	Steel Protective Coating	75	55	0	0	20 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	LEFT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR FULL LENGTH x 1.5" WIDE. RIGHT BOTTOM FLANGE IS DOWN TO 0.188" TO 0.250" FOR FULL LENGTH x UP TO 1.5" WIDE. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	4	20	20 Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	20	20 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	20	0	15	5	0 Feet
515	Steel Protective Coating	75	69	0	0	6 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	LEFT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 7" LONG x 1.5" WIDE STARTING AT 10' 4" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	3	1	1 Feet
107	Corrosion	RIGHT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 3' 0" LONG x 1.5" WIDE STARTING AT 5' 3" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	3	3	3 Feet
107	Corrosion	RIGHT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 9" LONG x 1.5" WIDE STARTING AT 11' 5" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	3	1	1 Feet
107	Corrosion	1/32" SECTION LOSS TO BOTTOM FLANGE THROUGHOUT SPAN	2	15	Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	6	6 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	20	0	16	4	0 Feet
515	Steel Protective Coating	75	70	0	0	5 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE	3	4	4 Feet

ORIGINAL 0.375" FOR 21" LONG x 1.5" WIDE STARTING AT 14' 2" FROM THE END AT BENT 1. RIGHT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 3' 1" LONG x 1" WIDE STARTING AT 13' 5" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.

107	Corrosion	1/32" SECTION LOSS TO TOP AND BOTTOM FLANGES THROUGHOUT SPAN	2	16	Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	5	5 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	20	0	19	1	0 Feet
515	Steel Protective Coating	75	74	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	RIGHT BOTTOM FLANGE IS DOWN TO 0.188" FROM THE ORIGINAL 0.375" FOR 2" LONG x 1" WIDE STARTING AT 11' 4" FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	3	1	1 Feet
107	Corrosion	1/32" SECTION LOSS TO TOP AND BOTTOM FLANGES THROUGHOUT SPAN	2	19	Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	1	1 Square Feet

General Comments**Span 2****Beam 7****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	20	0	11	0	9 Feet
515	Steel Protective Coating	75	66	0	0	9 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE TO 0.125" FROM THE ORIGINAL 0.375" FOR 8' 11" LONG x 1.5" WIDE STARTING THE END AT BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	4	9	9 Feet
107	Corrosion	1/8" SECTION LOSS TO TOP AND BOTTOM FLANGES THROUGHOUT SPAN	2	11	Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	9	9 Square Feet

General Comments

35" LONG x 6" WIDE x 0.438" THICK PLATE WELDED TO THE BOTTOM FLANGE AT 8' 2" FROM THE END AT BENT 1. THE RIGHT FACE OF THE WEB HAS 2 PLATES 15" LONG x 3" HIGH x 0.438" THICK WELDED JUST ABOVE THE BOTTOM FLANGE. THIS REPAIR IS IN GOOD CONDITION.

Span 2**Beam 8****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	20	0	20	0	0	Feet
515	Steel Protective Coating	75	75	0	0	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	1/32" SECTION LOSS TO TOP FLANGE THROUGHOUT SPAN	2	20		Feet

General Comments

Span 2**Beam 9****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	20	0	4	0	16	Feet
515	Steel Protective Coating	75	59	0	0	16	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	LEFT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 15' 5" LONG x 1.5" WIDE STARTING AT THE END AT BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	4	16	16	Feet
107	Corrosion	1/16" SECTION LOSS TO TOP AND BOTTOM FLANGES THROUGHOUT SPAN	2	4		Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	16	16	Square Feet

General Comments

Span 2**Beam 10****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Open Girder/Beam	20	-3	20	3	0	Feet
515	Steel Protective Coating	75	72	0	0	3	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
107	Corrosion	RIGHT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 26" LONG x 1" WIDE STARTING AT THE END AT BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	3	3	3	Feet
107	Corrosion	1/32" SECTION LOSS TO TOP AND BOTTOM FLANGES THROUGHOUT SPAN	2	20		Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	3	3	Square Feet

General Comments

Span 2 Left Bridge Rail**Steel Rail**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
330	Metal Bridge Railing	20	16	4	0	0 Feet
515	Steel Protective Coating	60	50	0	10	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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General Comments

4 Square Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated on the rail posts.

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

Span 2 Right Bridge Rail**Steel Rail**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
330	Metal Bridge Railing	20	16	4	0	0 Feet
515	Steel Protective Coating	60	50	0	10	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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General Comments

4 Square Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated on the rail posts.

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

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	21	1	20	0	0 Feet
515	Steel Protective Coating	76	76	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	1/16" SECTION LOSS TO WEB AT VARIOUS LOCATIONS THROUGHOUT SPAN	2	20	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	21	16	5	0	0 Feet
515	Steel Protective Coating	76	76	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	1/32" SECTION LOSS TO BOTTOM FLANGE AT MIDSPAN FOR 5'	2	5	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	21	0	19	0	2 Feet
515	Steel Protective Coating	76	74	0	0	2 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	RIGHT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE FOR 3" LONG AND 0.250" FOR 13" LONG FROM THE ORIGINAL 0.375" x 1.5" WIDE STARTING AT THE END AT BENT 2. THE LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE FOR 10" LONG x 1" WIDE AND THE END OF THE WEB IS DOWN TO 0.125" FROM THE ORIGINAL 0.375" FOR 1.5" WIDE x FULL HEIGHT AND HAS A 0.5" DIAMETER HOLE AT 1" FROM THE END AND 1.5" ABOVE THE BOTTOM FLANGE IN THIS AREA. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	4	2	2 Feet
107	Corrosion	1/32" SECTION LOSS TO TOP FLANGE THROUGHOUT SPAN	2	19	Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	2	2 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	21	0	21	0	0 Feet
515	Steel Protective Coating	76	76	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	1/32" SECTION LOSS TO TOP AND BOTTOM FLANGES THROUGHOUT SPAN	2	21	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	21	13	0	8	0 Feet
515	Steel Protective Coating	76	68	0	0	8 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 7' 6" LONG x 1.5" WIDE STARTING AT 18' FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	3	8	8 Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	8	8 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	21	0	20	1	0 Feet
515	Steel Protective Coating	76	75	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 8' LONG x 1.5" WIDE STARTING AT 6' 1" FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	3	1	1 Feet
107	Corrosion	1/32" SECTION LOSS TO TOP AND BOTTOM FLANGES THROUGHOUT SPAN	2	20	Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	1	1 Square Feet
General Comments					

Span 3**Beam 7****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	21	0	17	4	0 Feet
515	Steel Protective Coating	76	72	0	0	4 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 4' 0" LONG x 1.5" WIDE STARTING AT THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	3	4	4 Feet
107	Corrosion	1/32" SECTION LOSS TO TOP AND BOTTOM FLANGES THROUGHOUT SPAN	2	17	Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	4	4 Square Feet
General Comments					

Span 3**Beam 8****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	21	0	21	0	0 Feet
515	Steel Protective Coating	76	76	0	0	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	1/32" SECTION LOSS TO TOP FLANGE THROUGHOUT SPAN	2	21	Feet
General Comments					

Span 3**Beam 9****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	21	0	20	1	0 Feet
515	Steel Protective Coating	76	75	0	0	1 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 10" LONG x 1.5" WIDE STARTING AT 8' 5" FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	3	1	1 Feet
107	Corrosion	1/32" SECTION LOSS TO TOP AND BOTTOM FLANGES THROUGHOUT SPAN	2	20	Feet
515	Effectiveness (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	1	1 Square Feet
General Comments					

Span 3**Beam 10****Plate Girder**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
107	Steel Open Girder/Beam	21	17	0	4	0 Feet
515	Steel Protective Coating	76	72	0	0	4 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
107	Corrosion	RIGHT BOTTOM FLANGE IS DOWN TO 0.188" FROM THE ORIGINAL 0.375" FOR 4' 0" LONG x 1.5" WIDE STARTING AT 2' FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	3	4	4 Feet
515	Oxide Film Degradation Color/Texture Adherence (Steel Protective Coatings)	LOSS OF PAINT ALLOWING CORROSION WITH SECTION LOSS.	4	4	4 Square Feet
General Comments					

Span 3**Left Bridge Rail****Steel Rail**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
330	Metal Bridge Railing	21	17	4	0	0 Feet
515	Steel Protective Coating	60	50	0	10	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
General Comments					
4 Square Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated on the rail posts.					
10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.					

Span 3 Right Bridge Rail**Steel Rail**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
330	Metal Bridge Railing	21	17	4	0	0 Feet
515	Steel Protective Coating	60	50	0	10	0 Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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General Comments

4 Square Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated on the rail posts.

10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

End Bent 1 Abutment**Timber Abutment**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
216	Timber Abutment	40	40	0	0	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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General Comments

BACKWALL HAS BEEN REPLACED

End Bent 1 Cap 1**Timber Pier Cap**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
235	Timber Pier Cap	19	18	0	1	0 Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
235	Decay/Section Loss	END BENT 2 CAP: FULL WIDTH X UP TO 7" HIGH X 8" DEEP DECAY AT NORTH END	3	1	1 Feet

General Comments**End Bent 1 Pile 6****Timber Pile**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty
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General Comments

THIS IS A SUPPLEMENT POST.

Pile 7

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

General Comments

Cap 2

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
235	Timber Pier Cap	12	10	2	0	0 Feet

General Comments

Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
216	Timber Abutment	40	34	0	6	0 Feet

General Comments

Cap 1

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
235	Timber Pier Cap	20	19	0	1	0 Feet

General Comments

End Bent 2**Cap 2****Timber Pier Cap**

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
235	Timber Pier Cap	16	14	2	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
235	Decay/Section Loss	END BENT 2 CAP: 1" DIAMETER X 3" DEEP DECAY AT RIGHT END OF CAP OVER PILE 7	2	1		Feet
235	Decay/Section Loss	END BENT 2 CAP: 3" DIAMETER X 16" DEEP DECAY AT RIGHT END OF CAP IN THE CORE. THIS DECAY IS NOT YET AFFECTING THE BEARING AREAS.	2	1		Feet

General Comments

End Bent 2**Pile 2****Timber Pile**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
228	Decay/Section Loss	WEST FACE OF THE POST HAS 6" WIDE x 12" HIGH x 4" DEEP DECAY. THERE IS AN ADJACENT SUPPLEMENT POST.	3	1		Each

General Comments

End Bent 2**Pile 3****Timber Pile**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	

General Comments

THIS IS A SUPPLEMENT POST.

End Bent 2**Pile 5****Timber Pile**

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
228	Decay/Section Loss	END BENT 2 PILE 5: 3" DIAMETER X 3" DEEP DECAY TO LEFT FACE	2	1		Each

General Comments

Elements Verified

Location	Name	Component	Element Name	Amount
Span 1	Deck	Timber Deck	Timber Deck	507
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 5	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 6	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 7	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 8	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 9	Plate Girder	Steel Open Girder/Beam	21
Span 1	Beam 10	Plate Girder	Steel Open Girder/Beam	21
Span 1	Left Bridge Rail	Steel Rail	Metal Bridge Railing	21
Span 1	Right Bridge Rail	Steel Rail	Metal Bridge Railing	21
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	480
Span 2	Deck	Timber Deck	Timber Deck	500
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	20
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	20
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	20
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	20
Span 2	Beam 5	Plate Girder	Steel Open Girder/Beam	20
Span 2	Beam 6	Plate Girder	Steel Open Girder/Beam	20
Span 2	Beam 7	Plate Girder	Steel Open Girder/Beam	20
Span 2	Beam 8	Plate Girder	Steel Open Girder/Beam	20
Span 2	Beam 9	Plate Girder	Steel Open Girder/Beam	20
Span 2	Beam 10	Plate Girder	Steel Open Girder/Beam	20
Span 2	Left Bridge Rail	Steel Rail	Metal Bridge Railing	20
Span 2	Right Bridge Rail	Steel Rail	Metal Bridge Railing	20
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	474
Span 3	Deck	Timber Deck	Timber Deck	507
Span 3	Beam 1	Plate Girder	Steel Open Girder/Beam	21
Span 3	Beam 2	Plate Girder	Steel Open Girder/Beam	21
Span 3	Beam 3	Plate Girder	Steel Open Girder/Beam	21
Span 3	Beam 4	Plate Girder	Steel Open Girder/Beam	21
Span 3	Beam 5	Plate Girder	Steel Open Girder/Beam	21
Span 3	Beam 6	Plate Girder	Steel Open Girder/Beam	21
Span 3	Beam 7	Plate Girder	Steel Open Girder/Beam	21
Span 3	Beam 8	Plate Girder	Steel Open Girder/Beam	21
Span 3	Beam 9	Plate Girder	Steel Open Girder/Beam	21
Span 3	Beam 10	Plate Girder	Steel Open Girder/Beam	21
Span 3	Left Bridge Rail	Steel Rail	Metal Bridge Railing	21
Span 3	Right Bridge Rail	Steel Rail	Metal Bridge Railing	21
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	480
Bent 1	Cap 1	Timber Pier Cap	Timber Pier Cap	25
Bent 1	Cap 2	Timber Pier Cap	Timber Pier Cap	12
Bent 1	Pile 1	Timber Pile	Timber Pile	1

Elements Verified

Location	Name	Component	Element Name	Amount
Bent 1	Pile 2	Timber Pile	Timber Pile	1
Bent 1	Pile 3	Timber Pile	Timber Pile	1
Bent 1	Pile 4	Timber Pile	Timber Pile	1
Bent 1	Pile 5	Timber Pile	Timber Pile	1
Bent 1	Pile 6	Timber Pile	Timber Pile	1
End Bent 1	Cap 1	Timber Pier Cap	Timber Pier Cap	19
End Bent 1	Cap 2	Timber Pier Cap	Timber Pier Cap	19
End Bent 1	Pile 1	Timber Pile	Timber Pile	1
End Bent 1	Pile 2	Timber Pile	Timber Pile	1
End Bent 1	Pile 3	Timber Pile	Timber Pile	1
End Bent 1	Pile 4	Timber Pile	Timber Pile	1
End Bent 1	Pile 5	Timber Pile	Timber Pile	1
End Bent 1	Pile 6	Timber Pile	Timber Pile	1
End Bent 1	Pile 7	Timber Pile	Timber Pile	1
End Bent 1	Pile 8	Timber Pile	Timber Pile	1
End Bent 1	Pile 9	Timber Pile	Timber Pile	1
End Bent 1	Abutment	Timber Abutment	Timber Abutment	40
Bent 2	Cap 1	Timber Pier Cap	Timber Pier Cap	11
Bent 2	Cap 2	Timber Pier Cap	Timber Pier Cap	26
Bent 2	Pile 1	Timber Pile	Timber Pile	1
Bent 2	Pile 2	Timber Pile	Timber Pile	1
Bent 2	Pile 3	Timber Pile	Timber Pile	1
Bent 2	Pile 4	Timber Pile	Timber Pile	1
Bent 2	Pile 5	Timber Pile	Timber Pile	1
Bent 2	Pile 6	Timber Pile	Timber Pile	1
Bent 2	Pile 7	Timber Pile	Timber Pile	1
End Bent 2	Cap 1	Timber Pier Cap	Timber Pier Cap	20
End Bent 2	Cap 2	Timber Pier Cap	Timber Pier Cap	16
End Bent 2	Pile 1	Timber Pile	Timber Pile	1
End Bent 2	Pile 2	Timber Pile	Timber Pile	1
End Bent 2	Pile 3	Timber Pile	Timber Pile	1
End Bent 2	Pile 4	Timber Pile	Timber Pile	1
End Bent 2	Pile 5	Timber Pile	Timber Pile	1
End Bent 2	Pile 6	Timber Pile	Timber Pile	1
End Bent 2	Pile 7	Timber Pile	Timber Pile	1
End Bent 2	Abutment	Timber Abutment	Timber Abutment	40

General Inspection Notes

Bent 1 Abutment
BACKWALL HAS BEEN REPLACED

Bent 1 Pile 6
THIS IS A SUPPLEMENT POST.

Bent 2 Pile 3
THIS IS A SUPPLEMENT POST.

Span 1 Left Bridge Rail
4 Square Feet of Corrosion: Freckled rust. Corrosion of the steel has initiated on the rail posts.
10 Square Feet of Peeling/Bubbling/Cracking (steel Protective Coatings): Finish and primer coats.

National Bridge and NC Inspection Items

Structure Number: 110237

Inspection Date: 12/17/2019

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	7
Item 59: Superstructure	0 - 9 , N	4
Item 60: Substructure	0 - 9 , N	5
Item 61: Channel and Channel Protection	0 - 9 , N	7
Item 62: Culvert	0 - 9 , N	N
Item 71: Waterway Adequacy	0 - 9 , N	7
Item 72: Approach Roadway Alignment	0 - 9 , N	8

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	G	0	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C			
Scour	G, F, P, or C	G		
Wingwall	G, F, P, or C			
Field Scour Evaluation		G		
Drift	G, F, P, or C	G	0	3366
Fender System	G, F, P, or C			
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Superstructure Paint Code		A		

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

Inspection Information

Item	Grade Scale	Grade
Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	Y
Inspection Time	Hours	6
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	N
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N

National Bridge and NC SMU Inspection Item Details

Structure Number: 110237

Inspection Date: 12/17/2019

Item	Superstructure - Item 59	Grade	4	Maint Code	Qty.	0
Details	21 PRIORITY ACTION REQUESTS (BEAMS)					
Item	Priority Maintenance Issued	Grade	Y	Maint Code	Qty.	0
Details	21 PRIORITY ACTION REQUESTS (BEAMS)					
Item	Presently Posted	Grade	Y	Maint Code	Qty.	0
Details	SV 17, TTST 25					



A NEW WEARING SURFACE HAS BEEN LAID SINCE LAST INSPECTION.



NE GUARDRAIL HAS A 28" LONG x 3" WIDE TEAR IN THE TOP RAIL.



End Bent 2 Abutment/Backwall : TOP BOARD IS BROKEN FOR 4' LONG AT THE RIGHT END OF THE ABUTMENT.
THERE IS NO FILL BEHIND THE BOARD.



Span 3 Beam 10: RIGHT BOTTOM FLANGE IS DOWN TO 0.188" FROM THE ORIGINAL 0.375" FOR 4' 0" LONG x 1.5" WIDE STARTING AT 2' FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



End Bent 2 Cap 2: END BENT 2 CAP: 3" DIAMETER X 16" DEEP DECAY AT RIGHT END OF CAP IN THE CORE.
THIS DECAY IS NOT YET AFFECTING THE BEARING AREAS.



Span 3 Beam 9: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 10" LONG x 1.5" WIDE STARTING AT 8' 5" FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 3 Beam 7: 1/32" SECTION LOSS TO TOP AND BOTTOM FLANGES THROUGHOUT SPAN



Span 3 Beam 7: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 4' 0" LONG x 1.5" WIDE STARTING AT THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 3 Beam 6: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 8" LONG x 1.5" WIDE STARTING AT 6' 1" FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 3 Beam 5: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 7' 6" LONG x 1.5" WIDE STARTING AT 18' FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 3 Beam 3: RIGHT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE FOR 3" LONG AND 0.250" FOR 13" LONG FROM THE ORIGINAL 0.375" x 1.5" WIDE STARTING AT THE END AT BENT 2. THE LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE FOR 10" LONG x 1" WIDE AND THE END OF THE WEB IS DOWN TO 0.125" FROM THE ORIGINAL 0.375" FOR 1.5" WIDE x FULL HEIGHT AND HAS A 0.5" DIAMETER HOLE AT 1" FROM THE END AND 1.5" ABOVE THE BOTTOM FLANGE IN THIS AREA. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 3 Beam 3: RIGHT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE FOR 3" LONG AND 0.250" FOR 13" LONG FROM THE ORIGINAL 0.375" x 1.5" WIDE STARTING AT THE END AT BENT 2. THE LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE FOR 10" LONG x 1" WIDE AND THE END OF THE WEB IS DOWN TO 0.125" FROM THE ORIGINAL 0.375" FOR 1.5" WIDE x FULL HEIGHT AND HAS A 0.5" DIAMETER HOLE AT 1" FROM THE END AND 1.5" ABOVE THE BOTTOM FLANGE IN THIS AREA. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 3 Beam 3: RIGHT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE FOR 3" LONG AND 0.250" FOR 13" LONG FROM THE ORIGINAL 0.375" x 1.5" WIDE STARTING AT THE END AT BENT 2. THE LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE FOR 10" LONG x 1" WIDE AND THE END OF THE WEB IS DOWN TO 0.125" FROM THE ORIGINAL 0.375" FOR 1.5" WIDE x FULL HEIGHT AND HAS A 0.5" DIAMETER HOLE AT 1" FROM THE END AND 1.5" ABOVE THE BOTTOM FLANGE IN THIS AREA. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



End Bent 2 Pile 2: WEST FACE OF THE POST HAS 6" WIDE x 12" HIGH x 4" DEEP DECAY. THERE IS AN ADJACENT SUPPLEMENT POST.



End Bent 2 Cap 1: LEFT END OF THE CAP HAS A 10" WIDE x 7" HIGH x 8" DEEP AREA OF DECAY. THIS DECAY IS NOT YET AFFECTING THE BEARING AREAS.



DOWNSTREAM PROFILE



Bent 1 Cap 2: BENT 1 CAP: 5" DIAMETER X 15" DEEP AREA OF DECAY IN SOUTH END. THERE IS NO INDICATION OF THE CAP CRUSHING IN THIS AREA.



Span 2 Beam 2: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 3' 10" LONG x 2" WIDE STARTING AT 8' 5" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 2 Beam 3: LEFT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR FULL LENGTH x 1.5" WIDE. RIGHT BOTTOM FLANGE IS DOWN TO 0.188" TO 0.250" FOR FULL LENGTH x UP TO 1.5" WIDE. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 2 Beam 3: LEFT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR FULL LENGTH x 1.5" WIDE. RIGHT BOTTOM FLANGE IS DOWN TO 0.188" TO 0.250" FOR FULL LENGTH x UP TO 1.5" WIDE. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 2 Beam 4: LEFT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 7" LONG x 1.5" WIDE STARTING AT 10' 4" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 2 Beam 4: RIGHT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 9" LONG x 1.5" WIDE STARTING AT 11' 5" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 2 Beam 4: RIGHT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 3' 0" LONG x 1.5" WIDE STARTING AT 5' 3" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 2 Beam 5: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 21" LONG x 1.5" WIDE STARTING AT 14' 2" FROM THE END AT BENT 1. RIGHT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 3' 1" LONG x 1" WIDE STARTING AT 13' 5" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 2 Beam 5: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 21" LONG x 1.5" WIDE STARTING AT 14' 2" FROM THE END AT BENT 1. RIGHT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 3' 1" LONG x 1" WIDE STARTING AT 13' 5" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 2 Beam 6: RIGHT BOTTOM FLANGE IS DOWN TO 0.188" FROM THE ORIGINAL 0.375" FOR 2" LONG x 1" WIDE STARTING AT 11' 4" FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



SPAN 2, BEAM 7: 35" LONG x 6" WIDE x 0.438" THICK PLATE WELDED TO THE BOTTOM FLANGE AT 8' 2" FROM THE END AT BENT 1. THE RIGHT FACE OF THE WEB HAS 2 PLATES 15" LONG x 3" HIGH x 0.438" THICK WELDED JUST ABOVE THE BOTTOM FLANGE. THIS REPAIR IS IN GOOD CONDITION.



Span 2 Beam 7: LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE TO 0.125" FROM THE ORIGINAL 0.375" FOR 8' 11" LONG x 1.5" WIDE STARTING THE END AT BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 2 Beam 8: 1/32" SECTION LOSS TO TOP FLANGE THROUGHOUT SPAN



Span 2 Beam 9: LEFT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 15' 5" LONG x 1.5" WIDE STARTING AT THE END AT BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 2 Beam 10: RIGHT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 26" LONG x 1" WIDE STARTING AT THE END AT BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 1 Beam 1: LEFT BOTTOM FLANGE IS DOWN TO 0.188" FROM THE ORIGINAL 0.375" FOR 3' 0" LONG x 1" WIDE STARTING AT THE END AT END BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 1 Beam 2: LEFT BOTTOM FLANGE IS DOWN TO 0.125" FROM THE ORIGINAL 0.375" FOR 4" LONG x 1" WIDE STARTING AT 3' 0" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



SPAN 1: BAY 1, DIAPHRAGM 2 BOTTOM FLANGE IS DOWN TO A KNIFE EDGE FOR 12" LONG x FULL WIDTH AND THE WEB IS DOWN TO 0.125" THICK FOR 14" LONG x UP TO 4" HIGH WITH 2 HOLES 0.75" DIAMETER NEAR THE BOTTOM FLANGE.



Span 1 Beam 10: LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE TO 0.125" FROM THE ORIGINAL 0.375" FOR 15' 1" LONG x 1.5" WIDE STARTING AT THE END AT END BENT 1. THE WEB AT BRIDGERAIL POST 2 BLOCK HAS HOLES 3" HIGH x 1.25" WIDE AND 3" HIGH x 1" WIDE AT EITHER SIDE OF THE BLOCK. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



Span 1 Beam 10: BOTH SIDES OF THE BOTTOM FLANGE ARE DOWN TO A KNIFE EDGE 0.125" FROM THE ORIGINAL 0.375" FOR 10" LONG x FULL WIDTH STARTING AT THE END AT BENT 1. THE LOWER WEB IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 10" LONG x 8" HIGH IN THIS AREA. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.



End Bent 1 Pile 7: EAST FACE OF THE POST HAS 8" HIGH x 8" WIDE x 3" DEEP DECAY. THERE IS AN ADJACENT SUPPLEMENT POST.



Span 1 Beam 5: LEFT BOTTOM FLANGE IS DOWN TO 0.250" IN SCATTERED AREAS FROM THE ORIGINAL 0.375" FOR 11' 6" LONG x 1" WIDE STARTING AT 6' 2" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.

Stream Bed Soundings

(Profile diagram on following sheet)

County **BURKE**

Structure Number: **110237**

Inspection Date **12/17/2019**

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

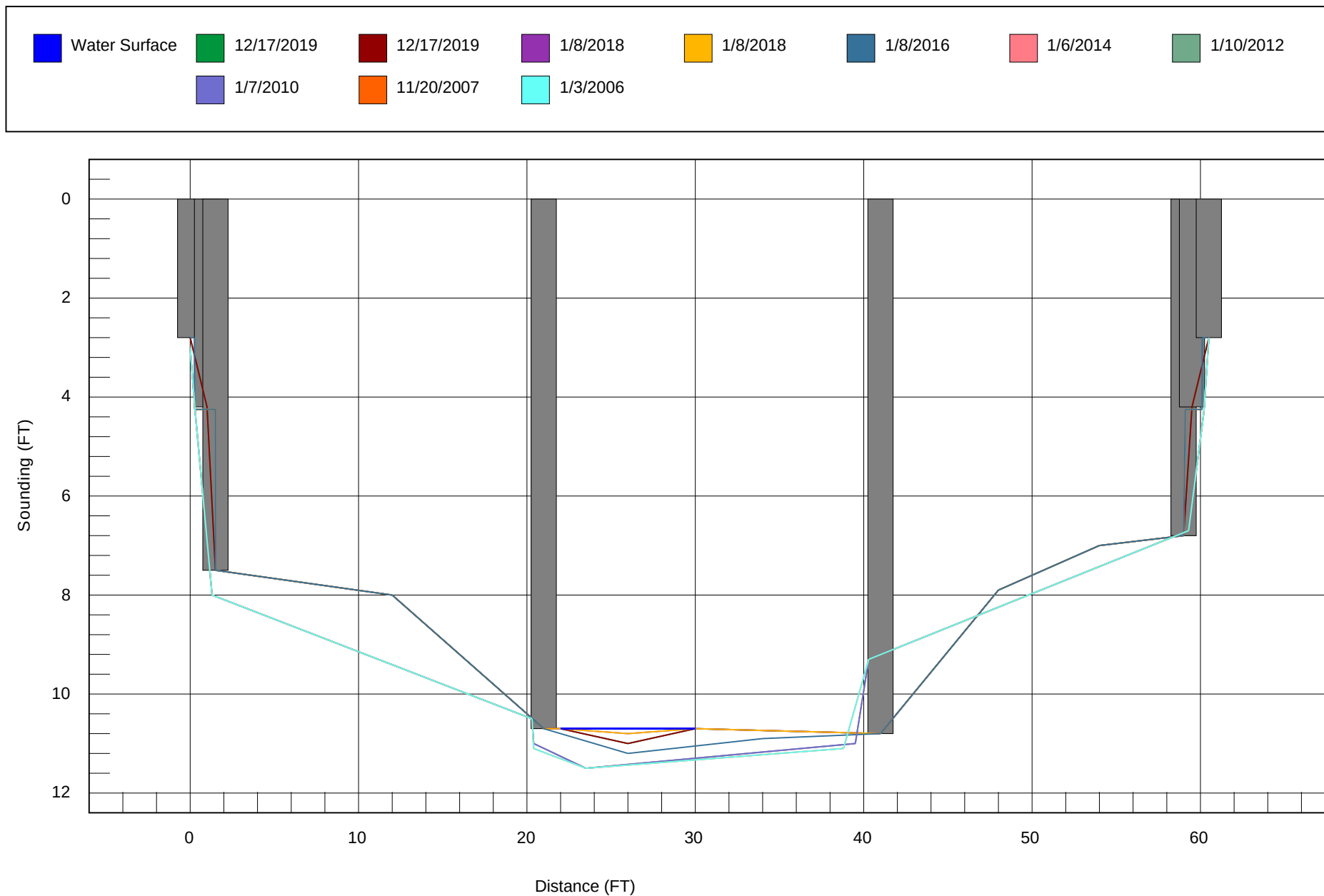
Highwater Mark Distance

Location of Highwater Mark

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	2.800	0.000	FF END BENT 1
1.000	4.200	0.000	END BENT 1 RAIL TO CAP
1.500	7.500	5.600	SF END BENT 1
12.000	8.000	0.000	GROUND
21.000	10.700	8.100	BENT 1
22.000	10.700	0.000	WSWE
26.000	11.000	0.000	THALWEG
30.000	10.700	0.000	WSWE
41.000	10.800	8.500	BENT 2
48.000	7.900	0.000	GROUND
54.000	7.000	0.000	GROUND
59.000	6.800	6.000	SF END BENT 2
59.500	4.200	0.000	END BENT 2 RAIL TO CAP
60.500	2.800	0.000	FF END BENT 2

STREAMBED PROFILE (Downstream)

Top of Rail = 0FT (Sounding)

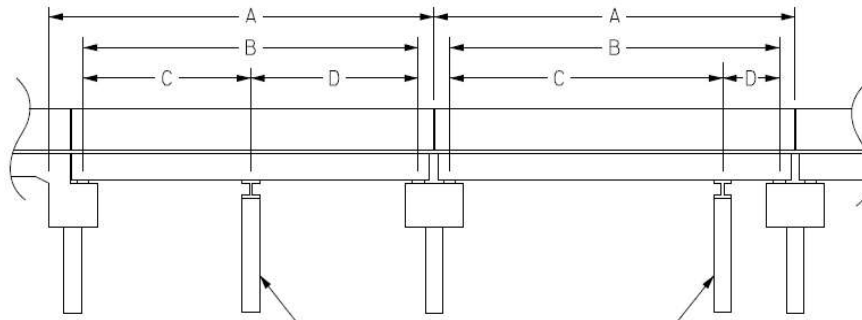


Structure Data Worksheet

Span Profile

County: **BURKE**

Structure Number: **110237**



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

Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	20.250	19.333			
2	20.000	19.500			
3	20.250	19.333			



WEIGHT LIMIT



WEST APPROACH LOOKING EAST



TYPICAL GUARDRAIL END AND POST SPACING. SW END SHOWN.



TYPICAL GUARDRAIL CONNECTION AND POST SPACING. NW CORNER SHOWN.



GUARDRAIL LOOKING WEST



GUARDRAIL LOOKING EAST



LOOKING UPSTREAM



LOOKING DOWNSTREAM



EAST APPROACH LOOKING WEST



END BENT 2



BENT 1



DECK UNDERSIDE



BENT 2



UPSTREAM PROFILE



END BENT 1

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 110237

County BURKE

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	16	Span 1 Beam 10: LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE TO 0.125" FROM THE ORIGINAL 0.375" FOR 15' 1" LONG x 1.5" WIDE STARTING AT THE END AT END BENT 1. THE WEB AT BRIDGERAIL POST 2 BLOCK HAS HOLES 3" HIGH x 1.25" WIDE AND 3" HIGH x 1" WIDE AT EITHER SIDE OF THE BLOCK. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	0	Span 3 Beam 10: RIGHT BOTTOM FLANGE IS DOWN TO 0.188" FROM THE ORIGINAL 0.375" FOR 4' 0" LONG x 1.5" WIDE STARTING AT 2' FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 9: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 10" LONG x 1.5" WIDE STARTING AT 8' 5" FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	4	Span 3 Beam 7: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 4' 0" LONG x 1.5" WIDE STARTING AT THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 3 Beam 6: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 8" LONG x 1.5" WIDE STARTING AT 6' 1" FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	8	Span 3 Beam 5: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 7' 6" LONG x 1.5" WIDE STARTING AT 18' FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 110237

County BURKE

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 3 Beam 3: RIGHT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE FOR 3" LONG AND 0.250" FOR 13" LONG FROM THE ORIGINAL 0.375" x 1.5" WIDE STARTING AT THE END AT BENT 2. THE LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE FOR 10" LONG x 1" WIDE AND THE END OF THE WEB IS DOWN TO 0.125" FROM THE ORIGINAL 0.375" FOR 1.5" WIDE x FULL HEIGHT AND HAS A 0.5" DIAMETER HOLE AT 1" FROM THE END AND 1.5" ABOVE THE BOTTOM FLANGE IN THIS AREA. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	4	Span 2 Beam 2: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 3' 10" LONG x 2" WIDE STARTING AT 8' 5" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	20	Span 2 Beam 3: LEFT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR FULL LENGTH x 1.5" WIDE. RIGHT BOTTOM FLANGE IS DOWN TO 0.188" TO 0.250" FOR FULL LENGTH x UP TO 1.5" WIDE. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 4: LEFT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 7" LONG x 1.5" WIDE STARTING AT 10' 4" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 4: RIGHT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 9" LONG x 1.5" WIDE STARTING AT 11' 5" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 110237

County BURKE

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 4: RIGHT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 3' 0" LONG x 1.5" WIDE STARTING AT 5' 3" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	2	Span 2 Beam 5: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 21" LONG x 1.5" WIDE STARTING AT 14' 2" FROM THE END AT BENT 1. RIGHT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 3' 1" LONG x 1" WIDE STARTING AT 13' 5" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 2 Beam 6: RIGHT BOTTOM FLANGE IS DOWN TO 0.188" FROM THE ORIGINAL 0.375" FOR 2" LONG x 1" WIDE STARTING AT 11' 4" FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	9	Span 2 Beam 7: LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE TO 0.125" FROM THE ORIGINAL 0.375" FOR 8' 11" LONG x 1.5" WIDE STARTING THE END AT BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	16	Span 2 Beam 9: LEFT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 15' 5" LONG x 1.5" WIDE STARTING AT THE END AT BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	3	Span 2 Beam 10: RIGHT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 26" LONG x 1" WIDE STARTING AT THE END AT BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 110237

County BURKE

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 1 Beam 1: LEFT BOTTOM FLANGE IS DOWN TO 0.188" FROM THE ORIGINAL 0.375" FOR 3' 0" LONG x 1" WIDE STARTING AT THE END AT END BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 2: LEFT BOTTOM FLANGE IS DOWN TO 0.125" FROM THE ORIGINAL 0.375" FOR 4" LONG x 1" WIDE STARTING AT 3' 0" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	12	Span 1 Beam 5: LEFT BOTTOM FLANGE IS DOWN TO 0.250" IN SCATTERED AREAS FROM THE ORIGINAL 0.375" FOR 11' 6" LONG x 1" WIDE STARTING AT 6' 2" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	
 3314	Maintain Steel Superstructure Components	LF	1	Span 1 Beam 10: BOTH SIDES OF THE BOTTOM FLANGE ARE DOWN TO A KNIFE EDGE 0.125" FROM THE ORIGINAL 0.375" FOR 10" LONG x FULL WIDTH STARTING AT THE END AT BENT 1. THE LOWER WEB IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 10" LONG x 8" HIGH IN THIS AREA. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110237

County BURKE

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	16 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Critical Finding	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/17/2019	DELVIN ADAMS	
Details		
Span 1 Beam 10: LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE TO 0.125" FROM THE ORIGINAL 0.375" FOR 15' 1" LONG x 1.5" WIDE STARTING AT THE END AT END BENT 1. THE WEB AT BRIDGERAIL POST 2 BLOCK HAS HOLES 3" HIGH x 1.25" WIDE AND 3" HIGH x 1" WIDE AT EITHER SIDE OF THE BLOCK. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	0 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/17/2019	DELVIN ADAMS	
Details		
Span 3 Beam 10: RIGHT BOTTOM FLANGE IS DOWN TO 0.188" FROM THE ORIGINAL 0.375" FOR 4' 0" LONG x 1.5" WIDE STARTING AT 2' FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110237

County BURKE

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:
12/17/2019	DELVIN ADAMS	
Details		
Span 3 Beam 9: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 10" LONG x 1.5" WIDE STARTING AT 8' 5" FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

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:
12/17/2019	DELVIN ADAMS	
Details		
Span 3 Beam 7: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 4' 0" LONG x 1.5" WIDE STARTING AT THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110237

County BURKE

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:
12/17/2019	DELVIN ADAMS	
Details		
Span 3 Beam 6: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 8" LONG x 1.5" WIDE STARTING AT 6' 1" FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	8 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/17/2019	DELVIN ADAMS	
Details		
Span 3 Beam 5: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 7' 6" LONG x 1.5" WIDE STARTING AT 18' FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110237

County BURKE

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:
12/17/2019	DELVIN ADAMS	
Details		
Span 3 Beam 3: RIGHT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE FOR 3" LONG AND 0.250" FOR 13" LONG FROM THE ORIGINAL 0.375" x 1.5" WIDE STARTING AT THE END AT BENT 2. THE LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE FOR 10" LONG x 1" WIDE AND THE END OF THE WEB IS DOWN TO 0.125" FROM THE ORIGINAL 0.375" FOR 1.5" WIDE x FULL HEIGHT AND HAS A 0.5" DIAMETER HOLE AT 1" FROM THE END AND 1.5" ABOVE THE BOTTOM FLANGE IN THIS AREA. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110237

County BURKE

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

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:
12/17/2019	DELVIN ADAMS	
Details		
Span 2 Beam 2: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 3' 10" LONG x 2" WIDE STARTING AT 8' 5" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	20 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/17/2019	DELVIN ADAMS	
Details		
Span 2 Beam 3: LEFT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR FULL LENGTH x 1.5" WIDE. RIGHT BOTTOM FLANGE IS DOWN TO 0.188" TO 0.250" FOR FULL LENGTH x UP TO 1.5" WIDE. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110237

County BURKE

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:
12/17/2019	DELVIN ADAMS	
Details		
Span 2 Beam 4: LEFT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 7" LONG x 1.5" WIDE STARTING AT 10' 4" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

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:
12/17/2019	DELVIN ADAMS	
Details		
Span 2 Beam 4: RIGHT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 9" LONG x 1.5" WIDE STARTING AT 11' 5" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110237

County BURKE

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:
12/17/2019	DELVIN ADAMS	
Details		
Span 2 Beam 4: RIGHT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 3' 0" LONG x 1.5" WIDE STARTING AT 5' 3" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

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:
12/17/2019	DELVIN ADAMS	
Details		
Span 2 Beam 5: LEFT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 21" LONG x 1.5" WIDE STARTING AT 14' 2" FROM THE END AT BENT 1. RIGHT BOTTOM FLANGE IS DOWN TO 0.250" FROM THE ORIGINAL 0.375" FOR 3' 1" LONG x 1" WIDE STARTING AT 13' 5" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110237

County BURKE

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:
12/17/2019	DELVIN ADAMS	
Details		
Span 2 Beam 6: RIGHT BOTTOM FLANGE IS DOWN TO 0.188" FROM THE ORIGINAL 0.375" FOR 2" LONG x 1" WIDE STARTING AT 11' 4" FROM THE END AT END BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

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:
12/17/2019	DELVIN ADAMS	
Details		
Span 2 Beam 7: LEFT BOTTOM FLANGE IS DOWN TO A KNIFE EDGE TO 0.125" FROM THE ORIGINAL 0.375" FOR 8' 11" LONG x 1.5" WIDE STARTING THE END AT BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110237

County BURKE

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	16 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/17/2019	DELVIN ADAMS	
Details		
Span 2 Beam 9: LEFT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 15' 5" LONG x 1.5" WIDE STARTING AT THE END AT BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

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:
12/17/2019	DELVIN ADAMS	
Details		
Span 2 Beam 10: RIGHT BOTTOM FLANGE IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 26" LONG x 1" WIDE STARTING AT THE END AT BENT 2. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110237

County BURKE

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:
12/17/2019	DELVIN ADAMS	
Details		
Span 1 Beam 1: LEFT BOTTOM FLANGE IS DOWN TO 0.188" FROM THE ORIGINAL 0.375" FOR 3' 0" LONG x 1" WIDE STARTING AT THE END AT END BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

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:
12/17/2019	DELVIN ADAMS	
Details		
Span 1 Beam 2: LEFT BOTTOM FLANGE IS DOWN TO 0.125" FROM THE ORIGINAL 0.375" FOR 4" LONG x 1" WIDE STARTING AT 3' 0" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 110237

County BURKE

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	12 LF
Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
12/17/2019	DELVIN ADAMS	
Details		
Span 1 Beam 5: LEFT BOTTOM FLANGE IS DOWN TO 0.250" IN SCATTERED AREAS FROM THE ORIGINAL 0.375" FOR 11' 6" LONG x 1" WIDE STARTING AT 6' 2" FROM THE END AT BENT 1. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

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:
12/17/2019	DELVIN ADAMS	
Details		
Span 1 Beam 10: BOTH SIDES OF THE BOTTOM FLANGE ARE DOWN TO A KNIFE EDGE 0.125" FROM THE ORIGINAL 0.375" FOR 10" LONG x FULL WIDTH STARTING AT THE END AT BENT 1. THE LOWER WEB IS DOWN TO 0.125" TO 0.250" FROM THE ORIGINAL 0.375" FOR 10" LONG x 8" HIGH IN THIS AREA. A PRIORITY ACTION REQUEST IS BEING ISSUED FOR THIS BEAM.		

Bridge Inspection Field Sketch



MEASUREMENTS TAKEN AT THE WEST FILLFACE

Roadway	18ft Wide	2 Paved Lanes	Looking East
Left Shoulder	3.75ft Wide	3.75ft Paved	
Right Shoulder	2.5ft Wide	2.5ft Paved	
Left Guardrail	3.75ft from road		
Right Guardrail	2.5ft from road		

12-17-2019 DELVIN ADAMS

Title

APPROACH

Description

APPROACH RDWY.

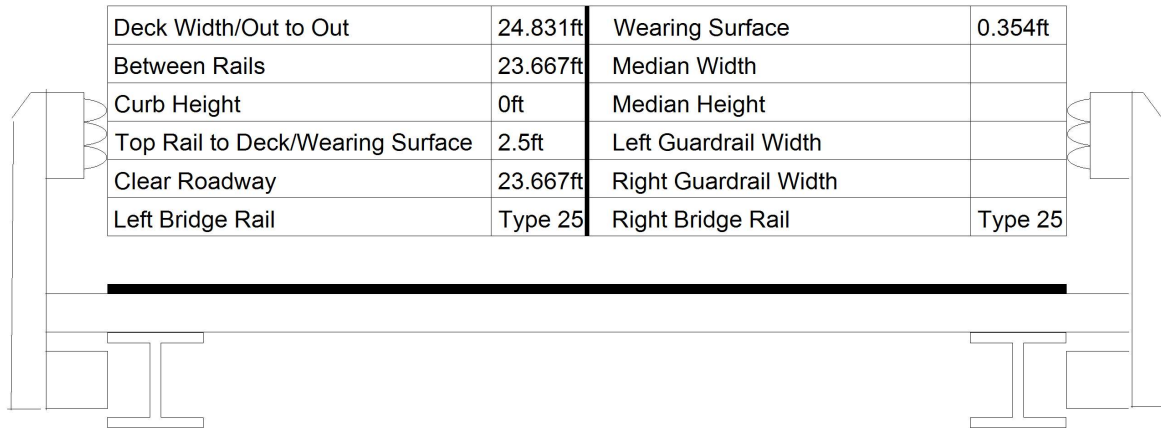
Bridge No: 110237

Drawn By: GLS

Date: 11/21/07

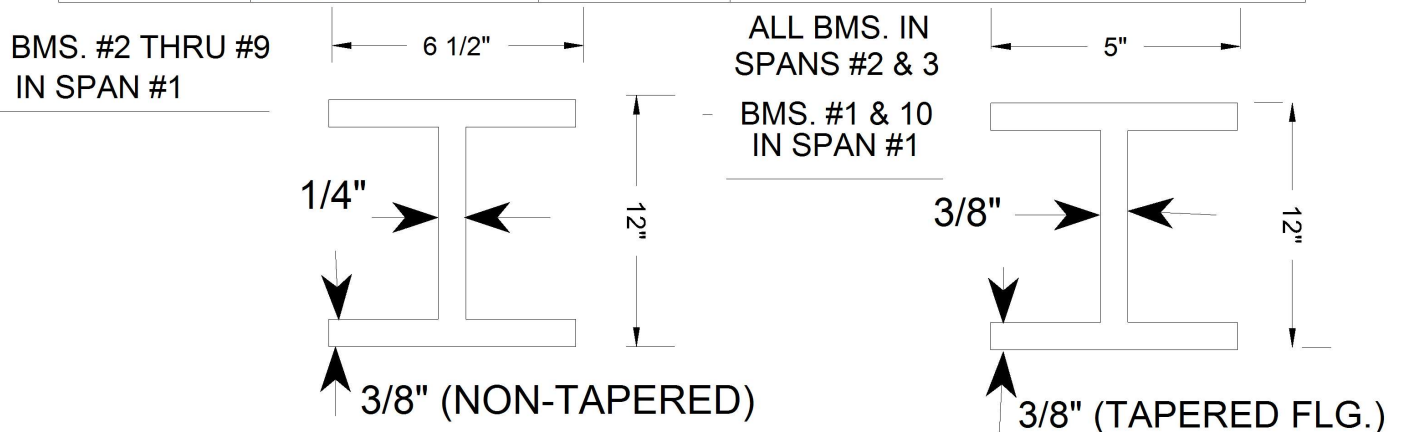
File Name: S0146007896

Bridge Inspection Field Sketch



Measurements for Span #	1		
Deck Thickness	0.312	Left Overhang	0.792
Top of Rail to Bottom of Beam	4.25	Right Overhang	0.792

Beam No	Beam Type	Spacing	Comments
1	Steel I Beam	2.583ft	
2	Steel I Beam	2.583ft	
3	Steel I Beam	2.583ft	
4	Steel I Beam	2.583ft	
5	Steel I Beam	2.583ft	
6	Steel I Beam	2.583ft	
7	Steel I Beam	2.583ft	
8	Steel I Beam	2.583ft	
9	Steel I Beam	2.583ft	
10	Steel I Beam		



Title 12-17-2019 DELVIN ADAMS
CROSS SECTION THRU DECK

Description
SUPERSTRUCTURE DETAILS

Bridge No: 110237

Drawn By: DJA

Date: 11/20/2007

File Name: S0146007897

Bridge Inspection Field Sketch

NOTE: CTR. OF HOLES AT 3/4"+/- FROM FLG. EDGES UNLESS OTHERWISE NOTED -
- HOLES ARE 11/16"+/- DIAMETER (DRILLED).

SPAN #2 - (HOLES LOCATED FROM EAST FACE OF BT. #1 CAP)

BMS. #3 & 4 - HOLE IN LT. FLG. OF #3 AND RT. FLG. OF #4 AT 8'-2"
FROM CAP - (HOLE IN #3 AT 1 1/4" FROM FLG. EDGE) -

BM. #5 - HOLE IN LEFT FLG. @ 13'-1" FROM CAP -

BM. #6 - HOLE IN LEFT FLG. @ 14'-5" FROM CAP

BM. #7 - HOLE IN LEFT FLG. @ 11'-3" FROM CAP

BM. #8 - HOLE IN RIGHT FLG. @ 5'-4" FROM CAP

BM. #9 - HOLE IN RIGHT FLG. @ 6'-0" FROM CAP

SPAN #3 - (HOLES LOCATED FROM EAST FACE OF BT. #2 CAP)

- HOLES ARE 11/16"+/- DIAMETER (DRILLED).

BM. #2 - HOLE IN RIGHT FLG. @ 3'-4" FROM CAP

BM. #3 - HOLE IN RIGHT FLG. @ 7'-7" FROM CAP

BM. #4 - HOLE IN RIGHT FLG. @ 8'-6" FROM CAP

BM. #5 - HOLE IN RIGHT FLG. @ 6'-4" FROM CAP

BM. #6 - HOLE IN RIGHT FLG. @ 9'-6" FROM CAP

BM. #7 - HOLE IN RIGHT FLG. @ 4'-3" FROM CAP

12-17-2019 DELVIN ADAMS

Title

HOLES IN BOTT. BEAM FLANGES

Description

HOLE LOCATIONS AND DIMENSIONS

Bridge No: 110237

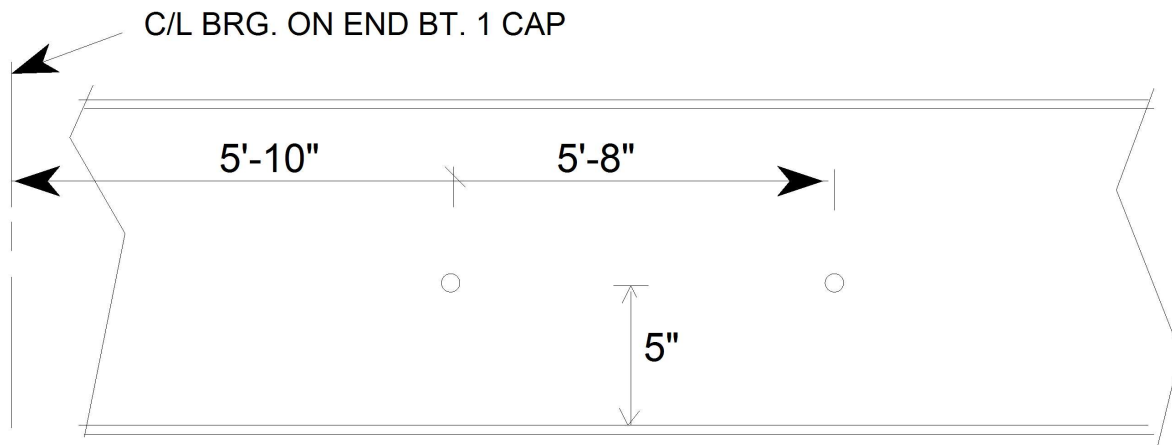
Drawn By: DJA

Date: 11/20/2007

File Name: S0146007898

Bridge Inspection Field Sketch

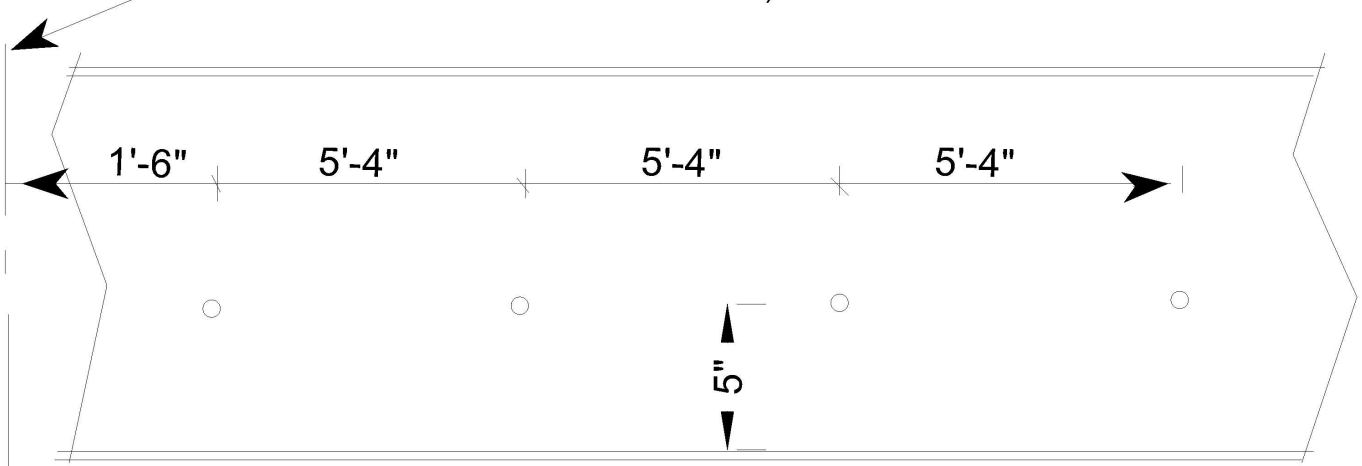
TYP. HOLES IN WEB OF BMS. #2,5 & 10 IN SPAN #1 - (HOLES 11/16" DIAM. DRILLED)



TYP. HOLES IN WEB OF BMS. #6 & 10 IN SP. #2 AND #2,5 & 7 IN SP. #3
(ALL HOLES 11/16" DIAMETER DRILLED)

NOTE: HOLES IN SP. #2 LOCATED FROM EAST FACE OF BT. #1 CAP - HOLES IN SP. #3 LOCATED FROM EAST FACE OF BT. #2 CAP -

C/L BRG. ON BENT CAPS (BT. 1 CAP FOR BMS. IN SP. #2
AND BT. #2 CAP FOR BMS. IN SP. #3)



12-17-2019 DELVIN ADAMS

Title

HOLES IN BEAM WEBS

Description

LOCATIONS & DIMENSIONS OF HOLES
IN WEBS OF BMS. IN SPANS #1,2, 3

Bridge No: 110237

Drawn By: DJA

Date: 11/20/2007

File Name: S0146007899

Bridge Inspection Field Sketch

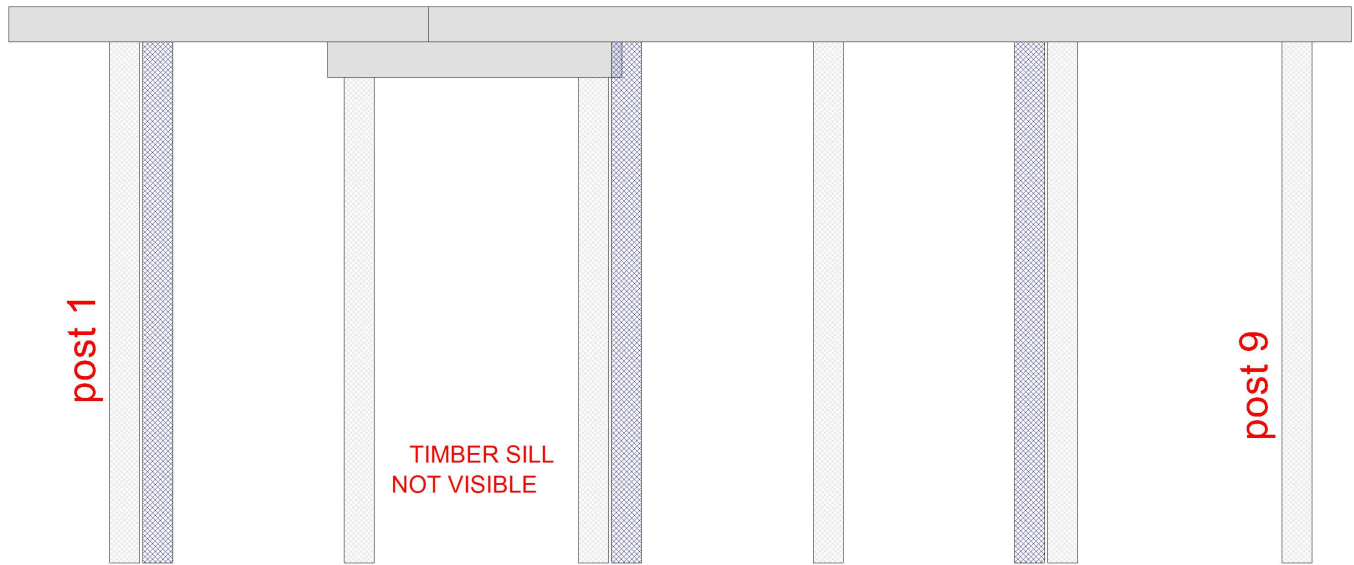
NOTE: THERE IS A 2 5/8" X 10" CHANNEL DIAPH. IN EXTER. BAYS (#1 & 9)
BOLTED TO BMS. #1 & 2 AND #9 & 10 AT RAIL POST CONNS.
(DIAPHRAGMS AT 6'-4" CENTERS +/-)

- 3" X 3" X 10" (HEIGHT) CLIP ANGLE IS WELDED TO WEB OF CHANNEL DIAPHS.
AND BOLTED WITH THREE BOLTS (1/2"+/- DIAM.) TO -BEAM WEBS.
(BOLTS ARE AT 4" CTR. TO CTR. AND BOTT. BOLT IS 2 1/2" ABOVE BOTT. BEAM FLG. -

12-17-2019 DELVIN ADAMS

Title		Description	
DIAPHRAGMS IN EXTERIOR BAYS		DETAILS OF DIAPHRAGM CONNS. IN EXTERIOR BAYS (BAYS #1 & 9)	
Bridge No: 110237	Drawn By: DJA	Date: 11/20/2007	File Name: S0146007900

Bridge Inspection Field Sketch



Cap Information			Material Timber							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
37.25 ft.	1.021 ft.	0.979 ft.	3.33 ft.	1.5 ft.	2.25 ft.	1.25 ft.				
Subcap Information			Material Timber							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
8.167 ft.	1 ft.	0.979 ft.	0.875 ft.	0.875 ft.	1.917 ft.					
Sill Information			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	1.0 ft	0.833 ft.	0.813 ft.		Vertical	No	No	No	No
2	Timber	5.5 ft	0.833 ft.	0.813 ft.		Vertical	No	Yes	No	No
3	Timber	6.5 ft	0.833 ft.	0.813 ft.		Vertical	No	No	No	No
4	Timber	0.833	0.833 ft.	0.813 ft.		Vertical	No	No	No	No
5	Timber	5.5 ft	0.833 ft.	0.813 ft.		Vertical	No	Yes	No	No
6	Timber	5.5 ft	0.833 ft.	0.813 ft.		Vertical	No	No	No	No
7	Timber	0.917 FT.	0.833 ft.	0.813 ft.		Vertical	No	Yes	No	No
8	Timber	6.67 ft	0.833 ft.	0.813 ft.		Vertical	No	No	No	No
9	Timber	0 ft.	0.833 ft.	0.813 ft.		Vertical	No	No	No	No
12-17-2019 DELVIN ADAMS										
Bent/Abutment #: 1			Similar Bents:							

Title

ABUTMENT #1

Description

SUBSTRUCTURE DETAILS

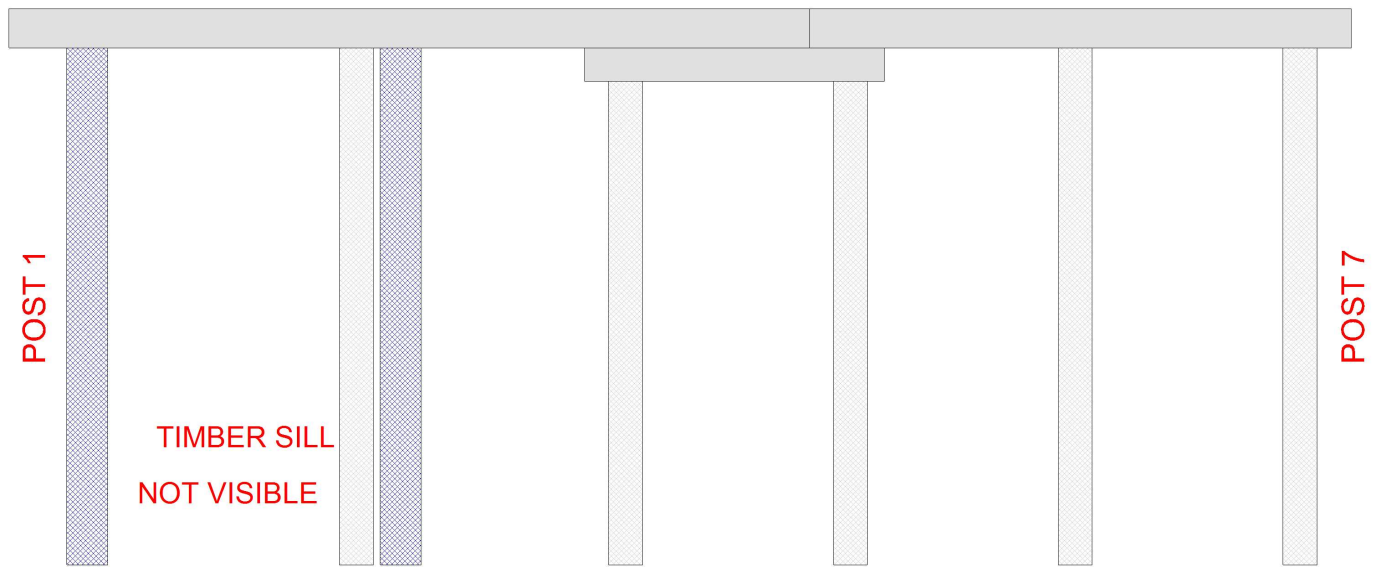
Bridge No: 110237

Drawn By: DJA

Date: 11/20/2007

File Name: S0146007901

Bridge Inspection Field Sketch



Cap Information			Material Timber							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
32.83 ft.	0.833 ft.	0.958 ft.	1.917 ft.	1.25 ft.	1.670 ft.	1.333 ft.				
Subcap Information			Material Timber							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
7.330 ft.	0.979 ft.	0.812 ft.	1.000 ft.	.833 ft.	4.5 ft.					
Sill Information			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	6.583 ft.	1 ft.	0.958 ft.		Vertical	No	Yes	No	No
2	Timber	1.083 ft.	0.833 ft.	0.813 ft.		Vertical	No	No	No	No
3	Timber	5.5 ft.	1 ft.	0.958 ft.		Vertical	No	Yes	No	No
4	Timber	5.5 ft.	0.833 ft.	0.813 ft.		Vertical	No	No	No	No
5	Timber	5.5 ft.	0.833 ft.	0.813 ft.		Vertical	No	No	No	No
6	Timber	5.5 ft.	0.833 ft.	0.813 ft.		Vertical	No	No	No	No
7	Timber		0.833 ft.	0.813 ft.		Vertical	No	No	No	No
12-17-2019 DELVIN ADAMS										
Bent/Abutment #: 2			Similar Bents:							

Title VERIFIED BY DEREK RICKUS ON 1-6-2014
ABUTMENT #2

Description
SUBSTRUCTURE DETAILS

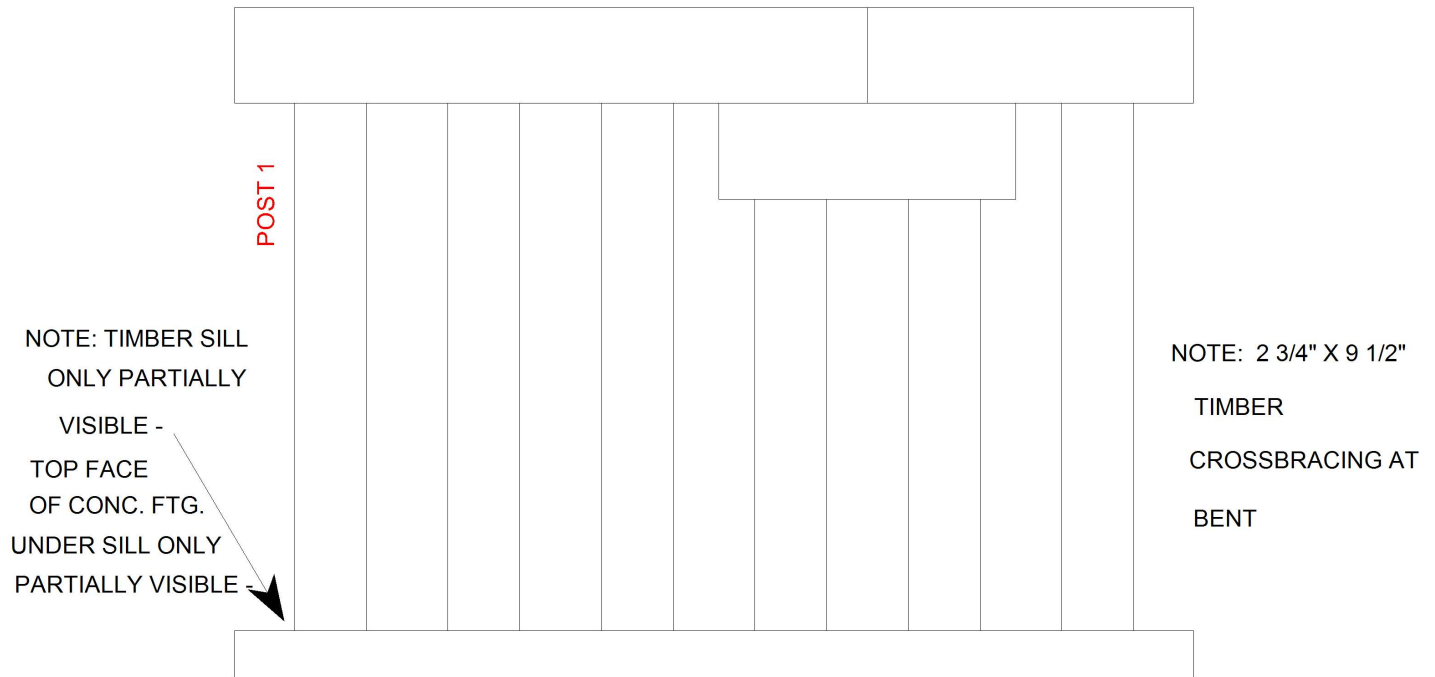
Bridge No: 110237

Drawn By: DJA

Date: 11/20/2007

File Name: S0146007902

Bridge Inspection Field Sketch



Bent #	1		
Cap - Beam Type (Wood or Steel)			
Cap Size	36.0 ft Long	1.021ft Wide	0.974ft High
Left Overhang	2.0 ft	Lt Cap/Beam Overhang	1.5833 ft
Right Overhang	1.5ft	Rt Cap/Beam Overhang	1.4167 ft
Timber Sub Cap			
Size	8ft Long	0.979ft Wide	0.812ft High
Left pile to splice	4.083ft		
Left Overhang	0.75ft		
Right Overhang	0.75ft		
Sill - Sill			
Sill Size	36.333ft Long	0.979ft Wide	0.833ft High

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Post & Sill	6.500 FT.	0.979'	0.833'	4.333'	Vertical
2	Wood or Timber	Post & Sill	6.500 FT.	0.979'	0.833'	4.333'	Vertical
3	Wood or Timber	Post & Sill	6.500 FT.	0.979'	0.833'	4.333'	Vertical
4	Wood or Timber	Post & Sill	6.500 FT.	1.000'	1.000'	3.417'	Vertical
5	Wood or Timber	Post & Sill	6.500 FT.	1.000'	0.979'	3.417'	Vertical
6	Wood or Timber	Post & Sill		0.979'	0.833'	4.333'	Vertical

12-17-2019 DELVIN ADAMS

Title

BENT 1

Description

DETAILS OF BENT 1

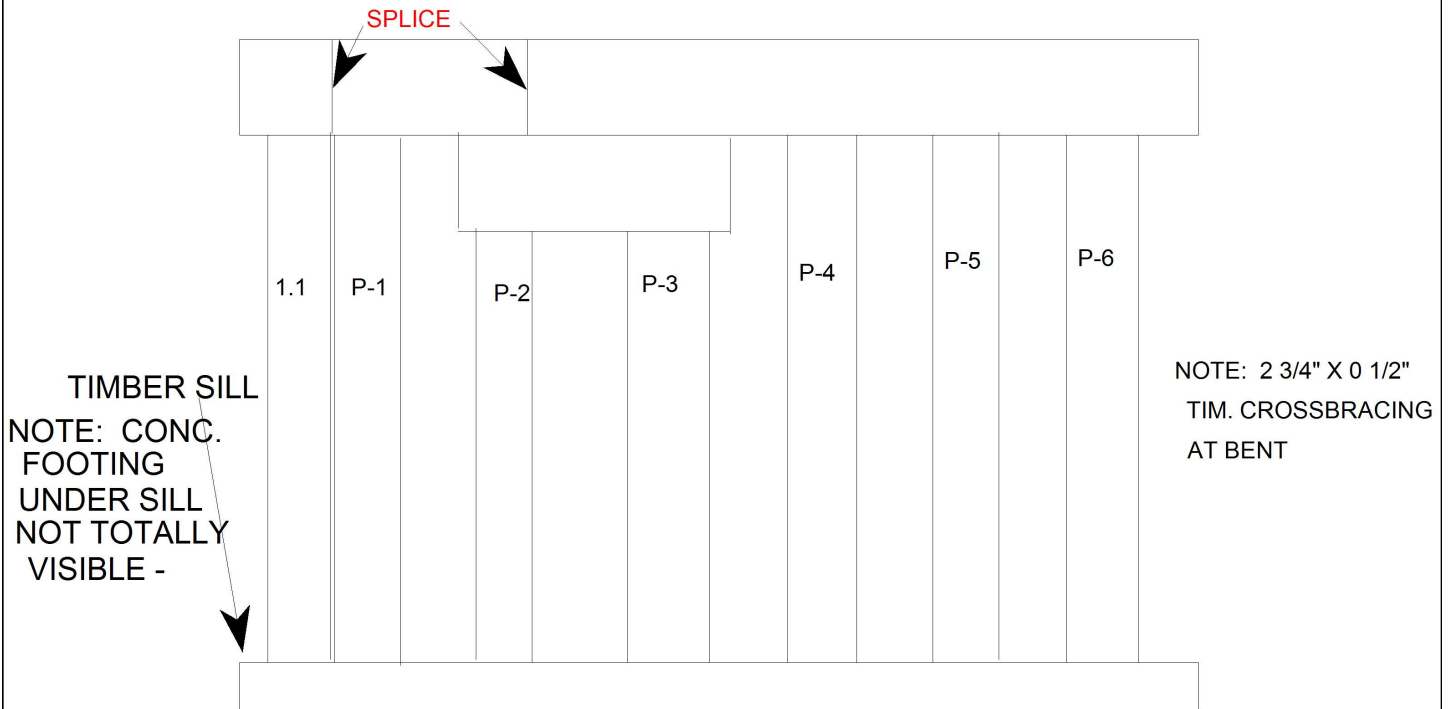
Bridge No: 110237

Drawn By: DJA

Date: 11/20/2007

File Name: S0146007903

Bridge Inspection Field Sketch



Bent #	2		
Cap - Beam Type (Wood or Steel)			
Cap Size	36.217 ft Long	1.021ft Wide	0.974ft High
Left Overhang	1.0 ft	Lt Cap/Beam Overhang	1.8 ft
Right Overhang	1.8 ft	Rt Cap/Beam Overhang	1.67 ft
Timber Sub Cap			
Size	8ft Long	0.979ft Wide	0.812ft High
Left pile to splice	2.417ft		
Left Overhang	0.75ft		
Right Overhang	0.635ft		
Sill - Sill			
Sill Size	36.333ft Long	0.833ft Wide	0.979ft High

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Post & Sill	0.917 FT.	1.000'	0.958'	3.500'	Vertical
2	Wood or Timber	Post & Sill	6.500 FT.	0.833'	0.813'	2.833'	Vertical
3	Wood or Timber	Post & Sill	6.500 FT.	0.833'	0.813'	2.833'	Vertical
4	Wood or Timber	Post & Sill	6.500 FT.	0.833'	0.813'	3.500'	Vertical
5	Wood or Timber	Post & Sill	6.500 FT.	0.833'	0.813'	3.500'	Vertical
6	Wood or Timber	Post & Sill	6.500 FT.	0.833'	0.813'	3.500'	Vertical
7	Wood or Timber	Post & Sill		0.833'	0.813'	3.500'	Vertical

12-17-2019 DELVIN ADAMS

Title

BENT 2

Description

DETAILS OF BENT 2

Bridge No: 110237

Drawn By: DJA

Date: 11/20/2007

File Name: S0146007904