NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION: PAR SUBMITTED
SIGN NOTICE ISSUED
CHANGES TO STRUCTURE DATA

Structure Safety Report

Routine Element Inspection - Contract

INSPECTION DATE: 08/10/2021

DIVISION: 5 **COUNTY:** WAKE **STRUCTURE NUMBER:** 910126 **FREQUENCY:** 24 MONTHS

FACILITY CARRIED: SR2044 **MILE POST:**

LOCATION: 1.2 MI.S.US1A

FEATURE INTERSECTED: SMITHS CREEK

LATITUDE: 35° 55' 44.53" **LONGITUDE:** 78° 31' 39.86"

SUPERSTRUCTURE:

SUBSTRUCTURE:

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** 3 / 3 **SUBSTRUCTURE** 3 / 3 **CULVERT** N / N

POSTED SV: 18 **POSTED TTST:** 23

OTHER SIGNS PRESENT: (4) DELINEATORS

south approach, looking north

Sign noticed issued for		Number Required
NO	**WEIGHT LIMIT**	0
NO	**DELINEATORS**	0
YES	**NARROW BRIDGE**	2
NO	**ONE LANE BRIDGE**	0
NO	**LOW CLEARANCE**	0

DIRECTION OF INSPECTION S-N

DIRECTION MATCHES PLANS

INSPECTED BY	SIGNATURE	ASSISTED BY
MICHAEL MEYER		SANYAM GURME

BRIDGE INSPECTION RECORD AND SUMMARY FOR SHORED STRUCTURES

BRIDGE # 910126 COUNTY Wake DATE 07/27/00

THE FOLLOWING S. I. & A. ITEMS ARE TO BE CODED TO REFLECT THE FACT THAT THE STRUCTURE IS SHORED UP:

		CODE	BY
SI & A ITEM 103 - TEMPORARY STRUCTURE DESIGNATION		T	JRJ
SI & A ITEM 59 - SUPERSTRUCTURE		—	
SI & A ITEM 60 - SUBSTRUCTURE		3	JRJ
SI & A ITEM 64 - OPERATING RATING	HS 0.0 BY	CR 01	VPP
SI & A ITEM 64 - INVENTORY RATING	HS 0.0 BY	CR 01	VPP

COMMENTS:
(steel) crutch bent added at each side of bents #1, 2 and 3.

RETAIN TEMP - TMS 04/13/16

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

09/29/2021

IDENTIFICATION

(1) STATE NAME NORTH CAROLINA BRIDGE **910126**
(8) STRUCTURE NUMBER (FEDERAL) **1830126**
(5) INVENTORY ROUTE (ON/UNDER) ON **131020440**
(2) STATE HIGHWAY DEPARTMENT DISTRICT **5**
(3) COUNTY CODE (FEDERAL) **183** (4) PLACE CODE **70540**
(6) FEATURE INTERSECTED **SMITHS CREEK**
(7) FACILITY CARRIED **SR2044**
(9) LOCATION **1.2 MI.S.US1A**
(11) MILEPOINT **0.0**
(12) BASE HIGHWAY NETWORK **0**
(13) LRS INVENTORY ROUTE & SUBROUTE
(16) LATITUDE **35° 55' 44.53"** (17) LONGITUDE **78° 31' 39.86"**
(98) BORDER BRIDGE STATE CODE PERCENT SHARED
(99) BORDER BRIDGE STRUCTURE NUMBER

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN **Prestressed Concrete**
TYPE **Channel beam** CODE **522**
(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 **2**
(108)WEARING SURFACE/PROTECTIVE SYSTEM
(A) TYPE OF WEARING SURFACE CODE **6**
(B) TYPE OF MEMBRANE CODE **0**
(C) TYPE OF DECK PROTECTION CODE **0**

AGE AND SERVICE

(27) YEAR BUILT **1967**
(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 **2000**
(30) YEAR OF ADT **2017** (109) TRUCK ADT PCT **7**
(19) BYPASS OR DETOUR LENGTH **6.0**

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN **29.0**
(49) STRUCTURE LENGTH **121.0**
(50) CURB OR SIDEWALK: LEFT **0.4** RIGHT **0.4**
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB **24.1**
(52) DECK WIDTH OUT TO OUT **25.5**
(32) APPROACH ROADWAY WITH (W/ SHOULDERS) **26.0**
(33) BRIDGE MEDIAN **No median** CODE **0**
(34) SKEW **0** (35) STRUCTURE FLARED **0**
(10) INVENTORY ROUTE MIN VERT CLEAR **999.9**
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR **24.1**
(53) MIN VERT CLEAR OVER BRIDGE RDWY **999.9**
(54) MIN VERT UNDERCLEAR: REFERENCE **0.0**
(55) MIN LAT UNDERCLEARANCE RT: REFERENCE **N** **0.0**
(56) MIN LAT UNDERCLEARANCE LT: **0.0**

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 **11.46**
STATUS = **Structurally Deficient**

CLASSIFICATION — CODE

(112) NBIS BRIDGE SYSTEM **YES**
(104) HIGHWAY SYSTEM **Inventory Route not on NHS** **0**
(26) FUNCTIONAL CLASS **Urban Collector** **17**
(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 **3**
(60) SUBSTRUCTURE **3**
(61) CHANNEL & CHANNEL PROTECTION **6**
(62) CULVERTS **N**

LOAD RATING AND POSTING — CODE

(31) DESIGN LOAD **HS 15** **3**
(63) OPERATING RATING METHOD - **Load Factor** **1**
(64) OPERATING RATING - **HS-16** **29**
(65) INVENTORY RATING METHOD - **1**
(66) INVENTORY RATING **HS-9** **16**
(70) BRIDGE POSTING **Posting Required** **0**
(41) STRUCTURE OPEN, POSTED, OR CLOSED **P**
DESCRIPTION **Posted for Load**

APPRAISAL — CODE

(67) STRUCTURAL EVALUATION **3**
(68) DECK GEOMETRY **4**
(69) UNDERCLEARANCES, VERT & HORIZ **N**
(71) WATERWAY ADEQUACY **3**
(72) APPROACH ROADWAY ALIGNMENT **4**
(36) TRAFFIC SAFETY FEATURES **0000**
(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 **4,000** YEAR OF FUTURE ADT **2040**

INSPECTION

(90) INSPECTION DATE **08/21** (91) FREQUENCY **24**
(92) CRITICAL FEATURE INSPECTION (93) CFI DATE
A) FRACTURE CRIT DETAIL A)
B) UNDERWATER INSP B)
C) OTHER SPECIAL INSP C)
SCOUR

Superstructure Build Details

Span Number 1 **Span Length** 30.4170 **Skew** 90.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
1	Asphalt Wearing Surface	Wearing Surface	733	Square Feet		
10	Prestressed Concrete Channel	Prestressed Concrete Top Flange	780	Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	62	Feet	Galvanized Protective System	98
10	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	310	Feet		

Span Number 2 **Span Length** 30.0000 **Skew** 90.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
10	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	300	Feet		
10	Prestressed Concrete Channel	Prestressed Concrete Top Flange	770	Square Feet		
2	Concrete and Metal Railing	Other Bridge Railing	60	Feet	Galvanized Protective System	96
1	Asphalt Wearing Surface	Wearing Surface	723	Square Feet		

Span Number 3 **Span Length** 30.0000 **Skew** 90.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
2	Concrete and Metal Railing	Other Bridge Railing	60	Feet	Galvanized Protective System	96
10	Prestressed Concrete Channel	Prestressed Concrete Top Flange	770	Square Feet		
1	Asphalt Wearing Surface	Wearing Surface	723	Square Feet		
10	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	300	Feet		

Span Number 4 **Span Length** 30.4170 **Skew** 90.0000

Number of Items	Type of Component	Element Name	Quantity		Protective System Applied	Quantity (Sq Ft)
10	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	310	Feet		
2	Concrete and Metal Railing	Other Bridge Railing	62	Feet	Galvanized Protective System	80
1	Asphalt Wearing Surface	Wearing Surface	733	Square Feet		
10	Prestressed Concrete Channel	Prestressed Concrete Top Flange	780	Square Feet		

Superstructure Build Details

Structure Element Scoring

Structure Number: **910126**

Inspection Date **8/10/2021**

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
15	0	Prestressed Concrete Top Flange	Beam	3100	3098	1	1	0
109	0	Prestressed Concrete Open Girder/Beam	Beam	1220	1003	47	98	72
216	0	Timber Abutment	Abutments	72	0	49	23	0
225	0	Steel Pile	Piles and Columns	13	1	12	0	0
515	225	Steel Protective Coating	Piles and Columns	216	132	0	84	0
228	0	Timber Pile	Piles and Columns	28	18	6	4	0
231	0	Steel Pier Cap	Caps	204	65	139	0	0
515	231	Steel Protective Coating	Caps	1902	1425	321	0	156
233	0	Prestressed Concrete Pier Cap	Caps	130	118	11	1	0
333	0	Other Bridge Railing	Bridge Rail	244	0	224	19	1
515	333	Steel Protective Coating	Bridge Rail	370	0	0	0	370
510	0	Wearing Surface	Wearing Surfaces	2912	2191	0	721	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: **910126** Inspection Date: **08/10/2021**

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Prestressed Concrete Top Flange	Delamination/Spall	1 Square Feet
3306	Prestressed Concrete Open Girder/Bear	Delamination/Spall	174 Feet
3306	Prestressed Concrete Open Girder/Bear	Exposed Prestressing	38 Feet
3306	Prestressed Concrete Open Girder/Bear	Cracking (PSC)	7 Feet
3306	Prestressed Concrete Open Girder/Bear	Patched Area	2 Feet
3346	Timber Abutment	Scour	10 Feet
3346	Timber Abutment	Decay/Section Loss	13 Feet
3346	Timber Abutment	Check/Shake	49 Feet
3344	Timber Pile	Decay/Section Loss	4 Each
3344	Timber Pile	Scour	1 Each
3344	Timber Pile	Check/Shake	7 Each
3348	Prestressed Concrete Pier Cap	Delamination/Spall	1 Feet
3348	Prestressed Concrete Pier Cap	Cracking (PSC)	11 Feet
3318	Other Bridge Railing	Connection	1 Feet
3318	Other Bridge Railing	Damage	11 Feet
3318	Other Bridge Railing	Delamination/Spall	19 Feet
2816	Wearing Surface	Patched Area/Pothole (Wearing Surface)	22 Square Feet
2816	Wearing Surface	Crack (Wearing Surface)	699 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	370 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	561 Square Feet

Element Structure Maintenance Quantities

Structure Number: **910126** Inspection Date **08/10/2021**

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3346	Maintenance of Timber Bulkheads or Wingwalls	72	72	0	23	49	0
Beam	3306	Maintenance Concrete Superstructure Components	221	1220	72	98	47	1003
Beam	3326	Maintenance of Concrete Deck	1	3100	0	1	1	3098
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	31	244	1	19	224	0
Bridge Rail	3342	Clean and Paint Steel	370	370	370	0	0	0
Caps	3342	Clean and Paint Steel	477	1902	156	0	321	1425
Caps	3348	Maintenance of Concrete Substructure	12	130	0	1	11	118
Caps	3354	Maintenance of Steel Substructure Components	0	204	0	0	139	65
Piles and Columns	3342	Clean and Paint Steel	84	216	0	84	0	132
Piles and Columns	3344	Maintenance To Timber Substrcutre	12	28	0	4	6	18
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	13	0	0	12	1
Wearing Surfaces	2816	Asphalt Surface Repair	721	2912	0	721	0	2191

Priority Actions Request

Structure Number 910126

Span1

3306 **Slab 1** Prestressed Concrete Channel

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 1 Slab 1: (PAR) left and right leg at bent 1, four [4] spalls/delaminations [up to 12in x 5in x 1in deep] with loss of bearing area

3306 **Slab 2** Prestressed Concrete Channel

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	2	Span 1 Slab 2: (PAR) left and right leg at bent 1, three [3] spalls/delaminations [up to 10in x 6in x 1in deep] channel legs crushing and bottom of channel legs sits below top of crutch bent cap
2	Exposed Prestressing	2	Span 1 Slab 2: [PAR] left leg near midspan, spall [16in x 5in x full width] with exposed strand that exhibits section loss [up to 25%]

3306 **Slab 3** Prestressed Concrete Channel

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	2	Span 1 Slab 3: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 6in x 1in deep] with exposed strand, channel legs crushing and bottom of channel legs sits below top of crutch bent cap

3306 **Slab 4** Prestressed Concrete Channel

Priority Level	Defect Type	Quantity	Defect Description
2	Patched Area	1	Span 1 Slab 4: (PAR) right leg at bent 1, spalled patched area [12in x full width x 5in high] with exposed strands

3306 **Slab 5** Prestressed Concrete Channel

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Prestressing	4	Span 1 Slab 5: (PAR) right leg at midspan, spall (40in x 3in deep) with exposed strand (25% section loss)

3306 **Slab 10** Prestressed Concrete Channel

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	11	Span 1 Slab 10: [PAR] left leg at midspan, spall/delamination, [11ft x full width of leg x 11in high] with four [4] exposed prestressed strands, three [3] of the exposed strands have failed with remaining one [1] strand exhibiting section loss [up to 40%]

Span2

3306 **Slab 2** Prestressed Concrete Channel

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

Priority Actions Request

Structure Number **910126**

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	3	Span 2 Slab 2: [PAR] left and right leg at bent 2, two [2] spalls/delaminations [up to 36in x 6in x full width], with two [2] exposed stirrups [no section loss noted] and exposed strand [section loss up to 20%]

3306 **Slab 5** Prestressed Concrete Channel

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 2 Slab 5: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 8in x up to full width], with exposed stirrup [no section loss noted] channel legs crushing and bottom of channel legs sits below top of crutch bent cap

3306 **Slab 7** Prestressed Concrete Channel

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	3	Span 2 Slab 7: [PAR] left leg near midspan, spall/delamination [30in x 4in x full width], with exposed strand [section loss up to 30%]

3306 **Slab 9** Prestressed Concrete Channel

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	6	Span 2 Slab 9: [PAR] right leg 12ft from bent 1, spall/delamination [6ft x 3in x full width] with exposed strand (25% section loss)
2	Delamination/Spall	5	Span 2 Slab 9: [PAR] right leg at bent 1, spall/delamination [52in x 8in x up to full width] with one exposed strand (50% section loss on strand)

Span3

3306 **Slab 2** Prestressed Concrete Channel

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Prestressing	6	Span 3 Slab 2: [PAR] left leg at bent 3, spall [6ft x full width x 5in], with exposed strand (40% section loss)
2	Exposed Prestressing	2	Span 3 Slab 2: (PAR) right leg at midspan, spall (20in x 5in x3/4in)

3306 **Slab 5** Prestressed Concrete Channel

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 3 Slab 5: (PAR) right leg at bent 3, spall [6in x 4in x full width], with exposed strand

3306 **Slab 6** Prestressed Concrete Channel

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	2	Span 3 Slab 6: [PAR] left leg at far third, spall [2ft x 5in] with exposed strand

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

Priority Actions Request

Structure Number 910126

Span4

3318 **Left Bridge Rail** Concrete and Metal Railing

Priority Level	Defect Type	Quantity	Defect Description
2	Connection	1	Span 4 Left Bridge Rail: [PAR] rail post 6 is missing
2	Delamination/Spall	9	Span 4 Left Bridge Rail: (PAR) at rail posts 3,4 & 5, delamination/spall [up to 3ft x 11in x 3in deep] allowing excessive deflection of rail

3306 **Slab 4** Prestressed Concrete Channel

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 4 Slab 4: (PAR) at far end of both legs, three [3] spalls/delaminations [6in x 6in x 1-1/2in deep] with one exposed strand [section loss up to 10%]

3306 **Slab 8** Prestressed Concrete Channel

Priority Level	Defect Type	Quantity	Defect Description
2	Delamination/Spall	1	Span 4 Slab 8: (PAR) left leg at far third, spall/delamination [36in x 3in x 2in deep] with exposed rusted strand
2	Exposed Prestressing	4	Span 4 Slab 8: [PAR] right leg at far third, spall [4ft x 3in x full width] with exposed strand

3306 **Slab 10** Prestressed Concrete Channel

Priority Level	Defect Type	Quantity	Defect Description
2	Exposed Prestressing	20	Span 4 Slab 10: [PAR] 5 TOTAL AREAS OF AREAS IN LEFT LEG OF FULL WIDTH X UP TO 6" HIGH SPALLS WITH EXPOSED STRANDS FOR 20' TOTAL (20% SECTION LOSS) (PHOTO 4 OF 4)

Bent 1

3346 **Abutment** Timber Abutment

Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	10	End Bent 1 Abutment: [PAR] between piles 3 and 5 second bulkhead board below cap, decay [10ft x up to full height x full width] with fill exposed

3344 **Pile 1** Timber Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	1	End Bent 1 Pile 1: (PAR) along height of exposed pile, multiple checks [full height x up to 1/8in], pile sounds hollow when hammered

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

Priority Actions Request

Structure Number **910126**

3344 **Pile 3** Timber Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	1	End Bent 1 Pile 3: (PAR) at base of pile, multiple checks [full height x up to 1/4in wide x up to 2in deep], decay [14in x 10in x 3in deep]

3344 **Pile 5** Timber Pile

Priority Level	Defect Type	Quantity	Defect Description
2	Scour	1	End Bent 1 Pile 5: (PAR) concrete collar is undermined (60%)

Bent 2

3346 **Abutment** Timber Abutment

Priority Level	Defect Type	Quantity	Defect Description
2	Decay/Section Loss	3	End Bent 2 Abutment: [PAR] between piles 1 and 2, lower board decay [3ft x 4in x full width] with exposed/missing backfill material

Other Ground Mounted Signs

3250 **Other Ground Mounted Signs** Other Ground Mounted Signs

Priority Level	Defect Type	Quantity	Defect Description
2		2	(PAR) clear roadway of bridge between 18ft-25ft; approach roadway (25.6ft) wider than clear roadway of bridge (24.083ft)
2		2	(PAR) northeast delineator covered by vegetation (southwest delineator similar)
2		1	(PAR) southeast corner of bridge adjacent to roadway, erosion hole (3ft long x 2.5ft wide x up to 4ft deep) up to 1ft of undermining of roadway

Element Condition and Maintenance Data

Structure Number: **910126** Inspection Date: **08/10/2021**

Span 1 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	733	557	0	176	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	**Crack (Wearing Surface)**	**along edges of channels, (5) longitudinal cracks (full length x 1/16in)**	3	150	150	Square Feet
510	**Crack (Wearing Surface)**	**over end bent 1, transverse crack (full width x up to 1/8in)**	3	24	24	Square Feet
510	**Patched Area/Pothole (Wearing Surface)**	**northbound lane at bent 1, pothole (6in x 20in x up to 1-1/2in deep)**	3	2	2	Square Feet

General Comments

Span 1 — Left Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing	31	0	31	0	0	Feet
515	Steel Protective Coating	49	0	0	0	49	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	**Corrosion**	**along length of rail, active corrosion with no section loss noted**	2	25		Feet
333	**Cracking (RC and Other)**	**along length of curb, multiple vertical cracks [6in x 0.02in] some wrap around to top face**	2	6		Feet
515	**Effectiveness (Steel Protective Coatings)**	**coating failure with active corrosion**	4	49	49	Square Feet

General Comments

Span 1 — Right Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing	31	0	23	8	0	Feet
515	Steel Protective Coating	49	0	0	0	49	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	**Delamination/Spall**	**at rail post 1, spall [2ft x 10in x 3in deep]**	3	2	2	Feet
333	**Delamination/Spall**	**at rail post 2, spall [3ft x 10in x 3in deep]**	3	3	3	Feet
333	**Delamination/Spall**	**at rail post 4, spall [3ft x 10in x 3in deep]**	3	3	3	Feet
333	**Corrosion**	**along length of rail, active corrosion with no section loss noted**	2	16		Feet
333	**Cracking (RC and Other)**	**along length of curb, multiple vertical cracks [6in x 0.02in] some wrap around to top face**	2	2		Feet
333	**Patched Area**	**at rail post 3 outside face of concrete curb, patched area (5ft x full height)**	2	5		Feet
515	**Effectiveness (Steel Protective Coatings)**	**coating failure with active corrosion**	4	49	49	Square Feet

General Comments

Span 1 Slab 1

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	25	5	0	1	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**(PAR) left and right leg at bent 1, four [4] spalls/delaminations [up to 12in x 5in x 1in deep] with loss of bearing area**	4	1	1	Feet
109	**Delamination/Spall**	**exterior face at far end, spall [5.5in x 1.5in]**	3		1	Feet
109	**Delamination/Spall**	**left and right leg near midspan, multiple spalls/delaminations [up to 5in x 4in x 3/4in deep] with two exposed stirrups [no section loss noted]**	2	4	4	Feet
109	**Delamination/Spall**	**right leg at near end, spall [3in x 3in x 3/4in] with exposed rusted reinforcing [no loss noted]**	2	1	1	Feet

General Comments

West face at grout pocket 3, missing grout with exposed tendon with surface rust [no section loss noted]

Span 1 Slab 2

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	22	5	0	4	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**(PAR) left and right leg at bent 1, three [3] spalls/delaminations [up to 10in x 6in x 1in deep] channel legs crushing and bottom of channel legs sits below top of crutch bent cap**	4	2	2	Feet
109	**Exposed Prestressing**	**[PAR] left leg near midspan, spall [16in x 5in x full width] with exposed strand that exhibits section loss [up to 25%]**	4	2	2	Feet
109	**Delamination/Spall**	**left leg at far third, four [4] spalls/delaminations [up to 6in x 3in x 3/4in deep] with four [4] exposed stirrups [no section loss noted]**	2	4	4	Feet
109	**Delamination/Spall**	**right leg at near end, spall [3in x 3in x 3/4in] with exposed rusted reinforcing [no loss noted]**	2	1	1	Feet

General Comments

Span 1 Slab 3

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	22	7	0	2	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**(PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 6in x 1in deep] with exposed strand, channel legs crushing and bottom of channel legs sits below top of crutch bent cap**	4	2	2	Feet
109	**Delamination/Spall**	**left and right leg at far half, multiple spalls/delaminations [up to 6in x 4in x 1/2in deep] with six [6] exposed stirrup ends [no section loss noted]**	2	5	5	Feet

109	**Delamination/Spall**	**right leg at end bent 1, two [2] spalls [up to 6in x 4in x 1/2in deep] with exposed stirrup [no section loss noted]**	2	1	1	Feet
109	**Delamination/Spall**	**right leg at near end, three [3] spalls [6in x 4in x 1in] with exposed rusted reinforcing [no loss noted]**	2	1	1	Feet

General Comments

Span 1 Slab 4

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	28	2	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**left leg at bent 1, two [2] spalls [up to 12in x 4in x 1in deep]**	3		2	Feet
109	**Patched Area**	**(PAR) right leg at bent 1, spalled patched area [12in x full width x 5in high] with exposed strands**	3	1	1	Feet
109	**Delamination/Spall**	**left leg near midspan, delamination [6in x 2in] with exposed stirrup end [no section loss noted]**	2	1	1	Feet
109	**Delamination/Spall**	**underside at far third, spall [3in x 3in x 1/2in] with exposed rebar [no section loss noted]**	2	1	1	Feet

General Comments

Span 1 Slab 5

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	20	0	7	4	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Exposed Prestressing**	**(PAR) right leg at midspan, spall (40in x 3in deep) with exposed strand (25% section loss)**	4	4	4	Feet
109	**Delamination/Spall**	**left and right legs at far end, four [4] spalls/delaminations [up to 9in x 4in x 1/4in]**	3	1	1	Feet
109	**Delamination/Spall**	**right leg at middle third, six spalls/delaminations [up to 8in x 4in x 1/2in deep]**	3	6	6	Feet

General Comments

Span 1 Slab 6

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	76	1	1	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	27	2	2	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
15	**Delamination/Spall**	**underside at near third, honeycomb [12in x 12in x up to 2in deep]**	3	1	1	Square Feet
15	**Patched Area**	**underside near midspan, sound patch (12in diameter)**	2	1		Square Feet
109	**Delamination/Spall**	**right leg at end bent 1, spall [20in x 6in x 1/2in deep] with two [2] exposed stirrups [no section loss noted]**	3	2	3	Feet
109	**Delamination/Spall**	**left leg 7ft from bent 1, spall [4in x 4in x 1/4in deep] with exposed stirrup that exhibits surface corrosion [no section loss noted]**	2	1	1	Feet

109	**Delamination/Spall**	**left leg at far end, spall [3in x 4in x 1/4in deep]**	2	1	1	Feet	

General Comments

Span 1 Slab 7

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	28	0	3	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**left and right leg at far end, three [3] spalls/delamination [up to 10in x up to full width x 5-1/2in high]**	3	3	3	Feet

General Comments

Span 1 Slab 8

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	30	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Patched Area**	**right leg at far end, one [1] unsound patch [9in x 4in]**	3	1	1	Feet

General Comments

Span 1 Slab 9

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	26	2	3	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**right leg at far end, three [3] spalls/delaminations [up to 9in long x 11in high x 1/2in deep] with two [2] exposed stirrups [loss < 1/16in]**	3	3	3	Feet
109	**Delamination/Spall**	**left leg at end bent 1, delamination [4in x 4in]**	2	1	1	Feet
109	**Delamination/Spall**	**left leg at far end, two [2] spalls [up to 4in diameter x 1in deep] with one [1] exposed stirrup [loss < 1/16in]**	2	1	1	Feet

General Comments

Span 1 Slab 10

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	16	1	3	11	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

109	**Delamination/Spall**	**[PAR] left leg at midspan, spall/delamination, [11ft x full width of leg x 11in high] with four [4] exposed prestressed strands, three [3] of the exposed strands have failed with remaining one [1] strand exhibiting section loss [up to 40%]**	4	11	11	Feet
109	**Delamination/Spall**	**left leg at end bent 1, spall/delamination [10in x 7in x 1/2in deep] with two [2] exposed stirrups [no section loss noted]**	3	1	1	Feet
109	**Delamination/Spall**	**right leg at far end over bearing, spall [18in x 9in x 1/2in deep]**	3	2	2	Feet
109	**Delamination/Spall**	**left leg at far end, delamination [5in x 3in]**	2	1	1	Feet

General Comments

East face at grout pocket 3, missing grout with exposed tendon with surface rust [no section loss noted]

Span 2 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	723	548	0	175	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	**Crack (Wearing Surface)**	**along edges of channels, (5) longitudinal cracks (full length x 1/16in)**	3	150	150	Square Feet
510	**Crack (Wearing Surface)**	**UP TO 1/8" TRANSVERSE CRACKING OVER BENT 1**	3	25	25	Square Feet

General Comments

Span 2 — Left Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing	30	0	30	0	0	Feet
515	Steel Protective Coating	48	0	0	0	48	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	**Corrosion**	**along length of rail, active corrosion with no section loss noted**	2	25		Feet
333	**Cracking (RC and Other)**	**along length of curb, multiple vertical cracks [6in x 0.02in] some wrap around to top face**	2	5		Feet
515	**Effectiveness (Steel Protective Coatings)**	**coating failure with active corrosion**	4	48	48	Square Feet

General Comments

Span 2 — Right Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing	30	0	28	2	0	Feet
515	Steel Protective Coating	48	0	0	0	48	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	**Delamination/Spall**	**at rail post 5, delamination/spall [2ft x 8in x 3in deep]**	3	2	2	Feet
333	**Corrosion**	**along length of rail, active corrosion with no section loss noted**	2	18		Feet
333	**Cracking (RC and Other)**	**along length of curb, multiple vertical cracks [6in x 0.02in] some wrap around to top face**	2	7		Feet

333	**Damage**	**top of rail near midspan, impact damage [6ft x 2in]**	2	3	3	Feet
515	**Effectiveness (Steel Protective Coatings)**	**coating failure with active corrosion**	4	48	48	Square Feet

General Comments

Span 2 Slab 1

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	25	2	3	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**right leg 6ft from bent 2, spall (30in x 3in x 3/4in) with exposed rusted rebar**	3	3	3	Feet
109	**Delamination/Spall**	**right leg at near third, two [2] spalls [up to 6in x 3in x 3/4in deep]**	2	2	2	Feet

General Comments

West face at grout pocket 1, missing grout with exposed tendon with surface rust [no section loss noted]

Span 2 Slab 2

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	25	0	2	3	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**[PAR] left and right leg at bent 2, two [2] spalls/delaminations [up to 36in x 6in x full width], with two [2] exposed stirrups [no section loss noted] and exposed strand [section loss up to 20%]**	4	3	3	Feet
109	**Delamination/Spall**	**left leg at bent 1, spall [16in x 8in x 3/4in deep] with two [2] exposed stirrups [no section loss noted]**	3	2	2	Feet

General Comments

Span 2 Slab 3

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	28	0	2	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**left leg at bent 1, delamination [14in x 4in]**	3	2	2	Feet

General Comments

Span 2 Slab 4

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	28	0	2	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**left and right leg at bent 1, three [3] spalls [up to 8in x 5in x 1/2in deep], with exposed stirrup [no section loss noted]**	3	2	2	Feet

General Comments

Span 2 Slab 5

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	28	1	0	1	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**(PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 8in x up to full width], with exposed stirrup [no section loss noted] channel legs crushing and bottom of channel legs sits below top of crutch bent cap**	4	1	1	Feet
109	**Delamination/Spall**	**left leg at far end, spall [3in x 4in x 1/2in deep]**	2	1	1	Feet

General Comments

Span 2 Slab 6

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	24	1	5	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**left and right leg at bent 1, four [4] spalls [up to 6.5in x 5.5in x 1/2in deep], with four [4] exposed stirrups [no section loss noted]**	3	4	4	Feet
109	**Delamination/Spall**	**left leg at 15ft from bent 1, spall (8in x 2in x 1/2in)**	3	1	1	Feet
109	**Delamination/Spall**	**right leg atb15ft from bent 2, spall (5in x 1-1/2in x 1/2in)**	2	1	1	Feet

General Comments

Span 2 Slab 7

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	23	0	4	3	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

109	**Delamination/Spall**	**[PAR] left leg near midspan, spall/delamination [30in x 4in x full width], with exposed strand [section loss up to 30%]**	4	3	3	Feet
109	**Delamination/Spall**	**left and right leg at bent 1, four [4] spalls [up to 8in x 3in x 1/2in], with three [3] exposed stirrups [no section loss noted]**	3	4	4	Feet

General Comments

Span 2 Slab 8

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	21	0	9	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**left and right leg along full length, nine [9] spalls [up to 8in x 4in x up to 1in], with five [5] exposed stirrups [no section loss noted]**	3	9	9	Feet

General Comments

Span 2 Slab 9

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	16	0	3	11	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**[PAR] right leg 12ft from bent 1, spall/delamination [6ft x 3in x full width] with exposed strand (25% section loss)**	4	6	6	Feet
109	**Delamination/Spall**	**[PAR] right leg at bent 1, spall/delamination [52in x 8in x up to full width] with one exposed strand (50% section loss on strand)**	4	5	5	Feet
109	**Delamination/Spall**	**left and right leg at bent 2, three [3] spalls/delaminations [up to 10in x 5in x 1/2in deep], with exposed stirrup [no section loss noted]**	3	2	2	Feet
109	**Delamination/Spall**	**left leg at bent 1, spall/delamination [8in x 5in x 1/2in] with exposed stirrup [no section loss noted]**	3	1	1	Feet

General Comments

Span 2 Slab 10

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	20	1	9	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**left and right leg at bent 1, four [4] spalls [up to 18in x 6in x 1/2in]**	3	5	5	Feet
109	**Delamination/Spall**	**left leg at midspan, delamination (4ft x 2in high) with longitudinal crack crack (up to 1/8in)**	3	4	4	Feet
109	**Delamination/Spall**	**left leg at bent 2, spall [up to 5in x 4in x 1/4in deep]**	2	1	1	Feet

General Comments

East face at grout pocket 1, missing grout with exposed tendon with surface rust [no section loss noted]

Span 3 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	723	548	0	175	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	**Crack (Wearing Surface)**	**1/8" TRANSVERSE CRACK OVER BENT 2**	3	25	25	Square Feet
510	**Crack (Wearing Surface)**	**along edges of channels, (5) longitudinal cracks (full length x 1/16in)**	3	150	150	Square Feet

General Comments

Span 3 — Left Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing	30	0	30	0	0	Feet
515	Steel Protective Coating	48	0	0	0	48	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	**Corrosion**	**along length of rail, active corrosion with no section loss noted**	2	20		Feet
333	**Cracking (RC and Other)**	**along length of curb, multiple vertical cracks [6in x 0.02in] some wrap around to top face**	2	10		Feet
515	**Effectiveness (Steel Protective Coatings)**	**coating failure with active corrosion**	4	48	48	Square Feet

General Comments

Span 3 — Right Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing	30	0	30	0	0	Feet
515	Steel Protective Coating	48	0	0	0	48	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	**Corrosion**	**along length of rail, active corrosion with no section loss noted**	2	16		Feet
333	**Cracking (RC and Other)**	**along length of curb, multiple vertical cracks [full height x 0.02in] some wrap around to top face**	2	6		Feet
333	**Damage**	**along length of rail at top, three [3] areas of impact damage [up to 3ft x 3in]**	2	8	8	Feet
515	**Effectiveness (Steel Protective Coatings)**	**coating failure with active corrosion**	4	48	48	Square Feet

General Comments

Span 3 Slab 1

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	29	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**right leg at bent 2, spall [11in x 6in x 1in], with exposed rusted reinforcing [no section loss noted]**	3	1	1	Feet

General Comments

Span 3 Slab 2

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	17	0	7	6	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Exposed Prestressing**	**[PAR] left leg at bent 3, spall [6ft x full width x 5in], with exposed strand (40% section loss)**	4	6	6	Feet
109	**Cracking (PSC)**	**left leg at bent 2, longitudinal crack (4ft x 1/32in)**	3	4	4	Feet
109	**Delamination/Spall**	**left right leg at bent 2, two [2] spalls/delaminations [8in x 5in x 1in deep], with exposed stirrup [no section loss noted]**	3	1	1	Feet
109	**Exposed Prestressing**	**(PAR) right leg at midspan, spall (20in x 5in x 3/4in) with exposed rusted strand**	3	2	2	Feet

General Comments

Span 3 Slab 3

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	29	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**left leg at bent 2, delamination [5in x 5in]**	2	1	1	Feet

General Comments

Span 3 Slab 5

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	23	0	7	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**(PAR) right leg at bent 3, spall [6in x 4in x full width], with exposed strand**	3	1	1	Feet

109	**Delamination/Spall**	**left and right legs along length of slab, six [6] spalls/delaminations [up to 8in x 6in x 1/2in deep], with six [6] exposed stirrups [no section loss noted]**	3	6	6	Feet

General Comments

Span 3 Slab 6

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	23	4	3	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**[PAR] left leg at far third, spall [2ft x 5in] with exposed strand**	3	2	2	Feet
109	**Delamination/Spall**	**right leg at bent 3, spall [10in x 4in x 1/2in deep]**	3	1	1	Feet
109	**Delamination/Spall**	**left and right leg along length of slab, four [4] spalls/delaminations [2in x 4in x 1/2in deep], with three [3] exposed stirrups [no section loss noted]**	2	4	4	Feet

General Comments

Span 3 Slab 7

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	29	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**left leg at bent 3, spall [6in x 2in x 1/4in deep]**	2	1	1	Feet

General Comments

Span 3 Slab 8

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	27	0	3	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Cracking (PSC)**	**right leg at far third, longitudinal crack (16in x 1/32in)**	3	2	2	Feet
109	**Delamination/Spall**	**left and right leg at bent 3, two [2] spalls/delaminations [up to 9in x 2in x 1in deep], with exposed strand [no section loss noted]**	3	1	1	Feet

General Comments

Span 3 Slab 9

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	28	1	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**left leg at 6ft from bent 2, spall (6in x 2in x 1/2in)**	3	1	1	Feet
109	**Delamination/Spall**	**left leg at bent 3, spall [3in x 2in x 1/4in deep]**	2	1	1	Feet

General Comments

Span 3 Slab 10

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	77	77	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	30	28	0	2	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**right leg at bent 2, spall [22in x 15in x 2in], with exposed stirrup [no section loss noted]**	3	2	2	Feet

General Comments

Span 4 Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	733	538	0	195	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	**Crack (Wearing Surface)**	**along edges of channels, (5) longitudinal cracks (full length x 1/8in)**	3	150	150	Square Feet
510	**Crack (Wearing Surface)**	**over end bent 2, transverse crack (full width x up to 1/8in)**	3	25	25	Square Feet
510	**Patched Area/Pothole (Wearing Surface)**	**northbound lane along edge of channels 8 and 9, pothole (20ft x 3in x 1in)**	3	20	20	Square Feet

General Comments

Span 4 Left Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing	31	0	21	9	1	Feet
515	Steel Protective Coating	49	0	0	0	49	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	**Connection**	**[PAR] rail post 6 is missing**	4	1	1	Feet
333	**Delamination/Spall**	**(PAR) at rail posts 3,4 & 5, delamination/spall [up to 3ft x 11in x 3in deep] allowing excessive deflection of rail**	3	9	9	Feet
333	**Corrosion**	**along length of rail, active corrosion with no section loss noted**	2	11		Feet

333	**Cracking (RC and Other)**	**along length of curb, multiple vertical cracks [full height x 0.02in] some wrap around to top face**	2	10		Feet
515	**Effectiveness (Steel Protective Coatings)**	**coating failure with active corrosion**	4	49	49	Square Feet

General Comments

Span 4 Right Bridge Rail

Concrete and Metal Railing

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other Bridge Railing	31	0	31	0	0	Feet
515	Steel Protective Coating	31	0	0	0	31	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
333	**Corrosion**	**along length of rail, active corrosion with no section loss noted**	2	25		Feet
333	**Cracking (RC and Other)**	**along length of curb, multiple vertical cracks [6in x 0.02in] some wrap around to top face**	2	6		Feet
515	**Effectiveness (Steel Protective Coatings)**	**coating failure with active corrosion**	4	31	31	Square Feet

General Comments

Span 4 Slab 1

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	25	1	5	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**right leg at bent 3, two [2] spalls [up to 8in x 3in] with exposed stirrup [no section loss noted]**	3	2	2	Feet
109	**Delamination/Spall**	**right leg at near third, spall [14in x 3in x full width] with exposed stirrup [no section loss noted]**	3	2	2	Feet
109	**Delamination/Spall**	**right leg near midspan, spall [12in x 8in x 3/4in] with exposed stirrup [no section loss noted]**	3	1	1	Feet
109	**Delamination/Spall**	**at far end of right leg, spall [3in x 2in x 1/4in deep]**	2	1	1	Feet

General Comments

Span 4 Slab 2

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	29	2	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**at far end of left leg, spall [2in x 2in x 1/4in deep] with one exposed stirrup [no section loss noted]**	2	1	1	Feet
109	**Delamination/Spall**	**left leg at bent 3, spall [6in x 6in x 1/2in deep]**	2	1	1	Feet

General Comments

Span 4 Slab 3

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	30	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**at far end of both legs, spall [4in x 2in x 1/4in deep] with two exposed stirrups [no section loss noted]**	2	1	1	Feet

General Comments

Span 4 Slab 4

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	30	0	0	1	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**(PAR) at far end of both legs, three [3] spalls/delaminations [6in x 6in x 1-1/2in deep] with one exposed strand [section loss up to 10%]**	4	1	1	Feet

General Comments

Span 4 Slab 5

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	28	1	2	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**right leg at bent 3, spall/delamination [18in x 5in x 1/2in] with two [2] exposed stirrups [no section loss noted]**	3	2	2	Feet
109	**Delamination/Spall**	**at far end of right leg, spall [3in x 2in x 1/4in deep] with one exposed stirrup [no section loss noted]**	2	1	1	Feet

General Comments

Span 4 Slab 6

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	29	2	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**at far end of left leg, two [2] spalls/delaminations [6in x 5in x 1/2in deep] with two exposed stirrups [no section loss noted]**	2	1	1	Feet
109	**Delamination/Spall**	**left leg at bent 3, spall [6in x 3in x 1/2in]**	2	1	1	Feet

General Comments

Span 4 Slab 7

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	30	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**at far end of both legs, three [3] spalls/delaminations [6in x 6in x 1/2in deep] with two exposed stirrups [no section loss noted]**	2	1	1	Feet

General Comments

Span 4 Slab 8

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	18	2	6	5	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**(PAR) left leg at far third, spall/delamination [36in x 3in x 2in deep] with exposed rusted strand**	4	1	1	Feet
109	**Exposed Prestressing**	**[PAR] right leg at far third, spall [4ft x 3in x full width] with exposed strand**	4	4	4	Feet
109	**Cracking (PSC)**	**right leg at near third, longitudinal crack (1ft x 1/32in)**	3	1	1	Feet
109	**Delamination/Spall**	**right leg at near third, five [5] spalls/delaminations [up to 8in x 3in x 1/2in deep] with four [4] exposed stirrups [no section loss noted]**	3	5	5	Feet
109	**Delamination/Spall**	**at far end of both legs, two [2] spalls/delaminations [8in x 3in x 1/2in deep] with two exposed stirrups [no section loss noted]**	2	1	1	Feet
109	**Delamination/Spall**	**left leg at bent 3, spall [4in x 4in x 1/4in deep]**	2	1	1	Feet

General Comments

Span 4 Slab 9

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	30	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Delamination/Spall**	**at far end of right leg, spall [8in x 4in x 1in deep] with one exposed stirrup [no section loss noted]**	3	1	1	Feet

General Comments

Span 4 Slab 10

Prestressed Concrete Channel

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	78	78	0	0	0	Square Feet
109	Prestressed Concrete Open Girder/Beam	31	9	1	1	20	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
109	**Exposed Prestressing**	**[PAR] 5 TOTAL AREAS OF AREAS IN LEFT LEG OF FULL WIDTH X UP TO 6" HIGH SPALLS WITH EXPOSED STRANDS FOR 20' TOTAL (20% SECTION LOSS)**	4	20	20	Feet
109	**Delamination/Spall**	**right leg at bent 3, spall [10in x 4in x 3/4in deep]**	3	1	1	Feet
109	**Delamination/Spall**	**at far end of left leg, spall [3in x 2in x 1/4in deep] with one exposed stirrup [no section loss noted]**	2	1	1	Feet

General Comments

End Bent 1 Abutment

Timber Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
216	Timber Abutment	36	0	26	10	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
216	**Decay/Section Loss**	**[PAR] between piles 3 and 5 second bulkhead board below cap, decay [10ft x up to full height x full width] with fill exposed**	3	10	10	Feet
216	**Check/Shake**	**along length of backwall, checks/shakes [up to 1ft x up to 1/8in], with surface decay [up to 1/2in]**	2	26	26	Feet

General Comments

End Bent 1 Pile 1

Timber Pile

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
228	**Decay/Section Loss**	**(PAR) along height of exposed pile, multiple checks [full height x up to 1/8in], pile sounds hollow when hammered**	3	1	1	Each

General Comments

End Bent 1 Pile 2

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	**Check/Shake**	**along height of exposed pile, multiple checks [full height x up to 1/8in]**	2	1	1	Each

General Comments

Replaced pile section with concrete collar

End Bent 1 Pile 3

Timber Pile

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
228	**Decay/Section Loss**	**(PAR) at base of pile, multiple checks [full height x up to 1/4in wide x up to 2in deep], decay [14in x 10in x 3in deep]**	3	1	1	Each

General Comments

End Bent 1 Pile 4

Timber Pile

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
228	**Check/Shake**	**along height of exposed pile, multiple checks [full height x up to 1/8in]**	2	1	1	Each

General Comments

replaced pile section with concrete collar

End Bent 1 Pile 5

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	**Scour**	**(PAR) concrete collar is undermined (60%)**	3	1	1	Each
228	**Check/Shake**	**along height of exposed pile, multiple checks [full height x up to 1/16in]**	2		1	Each

General Comments

replaced pile section with concrete collar
concrete collar is undermined, [full width x 1ft high]

End Bent 1 End Bent Cap 1

Prestressed Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
233	Prestressed Concrete Pier Cap	26	25	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
233	**Delamination/Spall**	**over pile 3, spall/delamination [8in x 5in x 1/4in deep]**	3	1	1	Feet

General Comments

End Bent 2 — Abutment

Timber Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
216	Timber Abutment	36	0	23	13	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
216	**Decay/Section Loss**	**[PAR] between piles 1 and 2, lower board decay [3ft x 4in x full width] with exposed/missing backfill material**	3	3	3	Feet
216	**Scour**	**between piles 1 & 3, erosion [10ft long x 7ft x 18in deep] also gap [up to 2in] at cap/backwall junction**	3	10	10	Feet
216	**Check/Shake**	**along length of abutment, checks [up to 1/16in]**	2	23	23	Feet

General Comments

End Bent 2 — Pile 1

Timber Pile

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
228	**Check/Shake**	**along height of pile, multiple checks [up to 1/16in]**	2			Each
228	**Decay/Section Loss**	**South face a midheight, section loss [4in high x 4-1/4in wide x 3/4in deep]**	2	1	1	Each

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	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
228	**Check/Shake**	**along height of pile, multiple checks [up to 1/16in]**	2	1	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	0	0	1	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
228	**Decay/Section Loss**	**at base of pile, decay (8in x 1in x 1-1/2in deep)**	3	1	1	Each
228	**Check/Shake**	**along height of pile, multiple checks [up to 1/8in]**	2		1	Each
228	**Decay/Section Loss**	**South face a midheight, section loss [3-1/2in high x 3-1/4in wide x 1in deep]**	2			Each

General Comments

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	**Check/Shake**	**along height of pile, multiple checks [up to 1/16in]**	2	1	1	Each

General Comments

replacement pile for pile 4

End Bent 2 — Pile 6

Timber Pile

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

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
228	**Check/Shake**	**along height of pile, multiple checks [up to 1/16in]**	2	1	1	Each

General Comments

replacement pile for pile 7

End Bent 2 — End Bent 2 Cap

Prestressed Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
233	Prestressed Concrete Pier Cap	26	15	11	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
233	**Cracking (PSC)**	**at multiple locations along cap, longitudinal crack [up to 5ft x 0.009in]**	2	11	11	Feet

General Comments

Crutch Bent 1 Span 1 — Cap 1

Steel Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
231	Steel Pier Cap	34	6	28	0	0	Feet
515	Steel Protective Coating	317	234	52	0	31	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
231	**Corrosion**	**along length of cap at lower web and top flange, corrosion with section loss [<1/16in] with adjacent spot rust**	2	28		Feet
515	**Effectiveness (Steel Protective Coatings)**	**along length of lower web, top flange, paint failure with active corrosion with section loss**	4	31	31	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**along length of cap at random locations, paint failure with active spot rust**	2	52	52	Square Feet

General Comments

Crutch Bent 1 Span 1 Pile 1

Steel Cross Cap Crutch Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	18	11	0	7	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**at pile cap, surface corrosion [no section loss noted] with adjacent spot rust**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**at pile cap and random locations along the height of pile, active surface corrosion**	3	7	7	Square Feet

General Comments

Crutch Bent 1 Span 1 Pile 2

Steel Cross Cap Crutch Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	18	11	0	7	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**at pile cap, surface corrosion [no section loss noted] with adjacent spot rust**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**at pile cap and random locations along the height of pile, active surface corrosion**	3	7	7	Square Feet

General Comments

Crutch Bent 1 Span 2 Cap 1

Steel Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
231	Steel Pier Cap	34	7	27	0	0	Feet
515	Steel Protective Coating	317	232	54	0	31	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
231	**Corrosion**	**along length of cap at lower web and top flange, corrosion with section loss [<1/16in] with adjacent spot rust**	2	27		Feet
515	**Effectiveness (Steel Protective Coatings)**	**along length of lower web, top flange, paint failure with active corrosion with section loss**	4	31	31	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**along length of cap at random locations, paint failure with active spot rust**	2	54	54	Square Feet

General Comments

Crutch Bent 1 Span 2 Pile 1

Steel Cross Cap Crutch Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	18	12	0	6	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

225	**Corrosion**	**at pile cap, surface corrosion [no section loss noted] with adjacent spot rust**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**at pile cap and random locations along the height of pile, active surface corrosion**	3	6	6	Square Feet

General Comments

Crutch Bent 1 Span 2 Pile 2

Steel Cross Cap Crutch Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	18	11	0	7	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**at pile cap, surface corrosion [no section loss noted] with adjacent spot rust**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**at pile cap and random locations along the height of pile, active surface corrosion**	3	7	7	Square Feet

General Comments

Crutch Bent 2 Span 2 Cap 1

Steel Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
231	Steel Pier Cap	34	13	21	0	0	Feet
515	Steel Protective Coating	317	242	51	0	24	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
231	**Corrosion**	**along length of cap at lower web and top flange, corrosion with section loss [<1/16in] with adjacent spot rust**	2	21		Feet
515	**Effectiveness (Steel Protective Coatings)**	**along length of lower web, top flange, paint failure with active corrosion with section loss**	4	24	24	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**along length of cap at random locations, paint failure with active spot rust**	2	51	51	Square Feet

General Comments

Crutch Bent 2 Span 2 Pile 1

Steel Cross Cap Crutch Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	18	10	0	8	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**at pile cap, surface corrosion [no section loss noted] with adjacent spot rust**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**at pile cap and random locations along the height of pile, active surface corrosion**	3	8	8	Square Feet

General Comments

Crutch Bent 2 Span 2 Pile 2

Steel Cross Cap Crutch Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	18	11	0	7	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**at pile cap, surface corrosion [no section loss noted] with adjacent spot rust**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**at pile cap and random locations along the height of pile, active surface corrosion**	3	7	7	Square Feet

General Comments

Crutch Bent 1 Span 3 Cap 1

Steel Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
231	Steel Pier Cap	34	18	16	0	0	Feet
515	Steel Protective Coating	317	243	56	0	18	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
231	**Corrosion**	**along length of cap at lower web and top flange, corrosion with section loss [<1/16in] with adjacent spot rust**	2	16		Feet
515	**Effectiveness (Steel Protective Coatings)**	**along length of lower web, top flange, paint failure with active corrosion with section loss**	4	18	18	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**along length of cap at random locations, paint failure with active spot rust**	2	56	56	Square Feet

General Comments

Crutch Bent 1 Span 3 Pile 1

Steel Cross Cap Crutch Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	18	11	0	7	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**at pile cap, surface corrosion [no section loss noted] with adjacent spot rust**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**at pile cap and random locations along the height of pile, active surface corrosion**	3	7	7	Square Feet

General Comments

Crutch Bent 1 Span 3 Pile 2

Steel Cross Cap Crutch Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	18	12	0	6	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

225	**Corrosion**	**at pile cap, surface corrosion [no section loss noted] with adjacent spot rust**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**at pile cap and random locations along the height of pile, active surface corrosion**	3	6	6	Square Feet

General Comments

Crutch Bent 2 Span 3 Cap 1

Steel Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
231	Steel Pier Cap	34	12	22	0	0	Feet
515	Steel Protective Coating	317	240	53	0	24	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
231	**Corrosion**	**along length of cap at lower web and top flange, corrosion with section loss [<1/16in] with adjacent spot rust**	2	22		Feet
515	**Effectiveness (Steel Protective Coatings)**	**along length of lower web, top flange, paint failure with active corrosion with section loss**	4	24	24	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**along length of cap at random locations, paint failure with active spot rust**	2	53	53	Square Feet

General Comments

Crutch Bent 2 Span 3 Pile 1

Steel Cross Cap Crutch Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	18	10	0	8	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**at pile cap, surface corrosion [no section loss noted] with adjacent spot rust**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**at pile cap and random locations along the height of pile, active surface corrosion**	3	8	8	Square Feet

General Comments

Crutch Bent 2 Span 3 Pile 2

Steel Cross Cap Crutch Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	18	12	0	6	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**at pile cap, surface corrosion [no section loss noted] with adjacent spot rust**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**at pile cap and random locations along the height of pile, active surface corrosion**	3	6	6	Square Feet

General Comments

Crutch Bent 1 Span 4 Cap 1

Steel Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
231	Steel Pier Cap	34	9	25	0	0	Feet
515	Steel Protective Coating	317	234	55	0	28	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
231	**Corrosion**	**along length of cap at lower web and top flange, corrosion with section loss [<1/16in] with adjacent spot rust**	2	25		Feet
515	**Effectiveness (Steel Protective Coatings)**	**along length of lower web, top flange, paint failure with active corrosion with section loss**	4	28	28	Square Feet
515	**Effectiveness (Steel Protective Coatings)**	**along length of cap at random locations, paint failure with active spot rust**	2	55	55	Square Feet

General Comments

Crutch Bent 1 Span 4 Pile 1

Steel Cross Cap Crutch Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	18	10	0	8	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**at pile cap, surface corrosion [no section loss noted] with adjacent spot rust**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**at pile cap and random locations along the height of pile, active surface corrosion**	3	8	8	Square Feet

General Comments

Crutch Bent 1 Span 4 Pile 2

Steel Cross Cap Crutch Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	1	0	1	0	0	Each
515	Steel Protective Coating	18	11	0	7	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
225	**Corrosion**	**at pile cap, surface corrosion [no section loss noted] with adjacent spot rust**	2	1		Each
515	**Effectiveness (Steel Protective Coatings)**	**at pile cap and random locations along the height of pile, active surface corrosion**	3	7	7	Square Feet

General Comments

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Slab 1	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 1	Slab 1	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 1	Slab 2	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 1	Slab 2	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 1	Slab 3	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 1	Slab 3	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 1	Slab 4	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 1	Slab 4	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 1	Slab 5	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 1	Slab 5	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 1	Slab 6	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 1	Slab 6	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 1	Slab 7	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 1	Slab 7	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 1	Slab 8	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 1	Slab 8	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 1	Slab 9	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 1	Slab 9	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 1	Slab 10	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 1	Slab 10	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 1	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	31
Span 1	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	31
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	733
Span 2	Slab 1	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 2	Slab 1	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 2	Slab 2	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 2	Slab 2	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 2	Slab 3	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 2	Slab 3	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 2	Slab 4	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 2	Slab 4	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 2	Slab 5	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 2	Slab 5	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 2	Slab 6	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 2	Slab 6	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 2	Slab 7	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 2	Slab 7	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 2	Slab 8	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 2	Slab 8	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 2	Slab 9	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 2	Slab 9	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 2	Slab 10	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 2	Slab 10	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 2	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	30
Span 2	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	30

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	723
Span 3	Slab 1	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 3	Slab 1	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 3	Slab 2	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 3	Slab 2	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 3	Slab 3	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 3	Slab 3	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 3	Slab 4	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 3	Slab 4	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 3	Slab 5	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 3	Slab 5	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 3	Slab 6	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 3	Slab 6	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 3	Slab 7	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 3	Slab 7	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 3	Slab 8	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 3	Slab 8	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 3	Slab 9	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 3	Slab 9	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 3	Slab 10	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	30
Span 3	Slab 10	Prestressed Concrete Channel	Prestressed Concrete Top Flange	77
Span 3	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	30
Span 3	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	30
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	723
Span 4	Slab 1	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 4	Slab 1	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 4	Slab 2	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 4	Slab 2	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 4	Slab 3	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 4	Slab 3	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 4	Slab 4	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 4	Slab 4	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 4	Slab 5	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 4	Slab 5	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 4	Slab 6	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 4	Slab 6	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 4	Slab 7	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 4	Slab 7	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 4	Slab 8	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 4	Slab 8	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 4	Slab 9	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 4	Slab 9	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 4	Slab 10	Prestressed Concrete Channel	Prestressed Concrete Open Girder/Beam	31
Span 4	Slab 10	Prestressed Concrete Channel	Prestressed Concrete Top Flange	78
Span 4	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	31

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 4	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	31
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	733
Bent 1	Bent 1 Cap	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	26
Bent 1	Pile 1	Timber Pile	Timber Pile	1
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
Bent 1	Pile 7	Timber Pile	Timber Pile	1
End Bent 1	End Bent Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	26
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	Abutment	Timber Abutment	Timber Abutment	36
Bent 2	Bent 2 Cap	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	26
Bent 2	Pile 1	Timber Pile	Timber Pile	1
Bent 2	Pile 2	Steel Pile	Steel Pile	1
Bent 2	Pile 3	Timber Pile	Timber Pile	1
Bent 2	Pile 4	Timber Pile	Timber Pile	1
Bent 2	Pile 5	Timber Pile	Timber Pile	1
End Bent 2	End Bent 2 Cap	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	26
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	36
Bent 3	Bent 3 Cap	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	26
Bent 3	Pile 1	Timber Pile	Timber Pile	1
Bent 3	Pile 2	Timber Pile	Timber Pile	1
Bent 3	Pile 3	Timber Pile	Timber Pile	1
Bent 3	Pile 4	Timber Pile	Timber Pile	1
Bent 3	Pile 5	Timber Pile	Timber Pile	1
Crutch Bent 1 Span 1	Cap 1	Steel Pier Cap	Steel Pier Cap	34
Crutch Bent 1 Span 1	Pile 1	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 1 Span 1	Pile 2	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 1 Span 2	Cap 1	Steel Pier Cap	Steel Pier Cap	34
Crutch Bent 1 Span 2	Pile 1	Steel Cross Cap Crutch Pile	Steel Pile	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Crutch Bent 1 Span 2	Pile 2	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 2 Span 2	Cap 1	Steel Pier Cap	Steel Pier Cap	34
Crutch Bent 2 Span 2	Pile 1	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 2 Span 2	Pile 2	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 1 Span 3	Cap 1	Steel Pier Cap	Steel Pier Cap	34
Crutch Bent 1 Span 3	Pile 1	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 1 Span 3	Pile 2	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 2 Span 3	Cap 1	Steel Pier Cap	Steel Pier Cap	34
Crutch Bent 2 Span 3	Pile 1	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 2 Span 3	Pile 2	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 1 Span 4	Cap 1	Steel Pier Cap	Steel Pier Cap	34
Crutch Bent 1 Span 4	Pile 1	Steel Cross Cap Crutch Pile	Steel Pile	1
Crutch Bent 1 Span 4	Pile 2	Steel Cross Cap Crutch Pile	Steel Pile	1

General Inspection Notes

Bent 1 Pile 1

pile is no longer in use and has been replaced by crutch bent

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Bent 1 Pile 2

pile is no longer in use and has been replaced by crutch bent

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Bent 1 Pile 3

pile is no longer in use and has been replaced by crutch bent

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Bent 1 Pile 4

pile is no longer in use and has been replaced by crutch bent

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Bent 1 Pile 5

pile is no longer in use and has been replaced by crutch bent

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Bent 1 Pile 6

pile is no longer in use and has been replaced by crutch bent

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Bent 1 Pile 7

pile is no longer in use and has been replaced by crutch bent

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Bent 2 Pile 4

pile has been replaced with adjacent pile 5

Bent 2 Pile 5

pile is no longer in use and has been replaced by crutch bent

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Bent 2 Pile 7

pile has been replaced with adjacent pile 6

Bent 3 Pile 2

pile is no longer in use and has been replaced by crutch bent

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Bent 3 Pile 3

pile is no longer in use and has been replaced by crutch bent

---

Bent 3 Pile 4

pile is no longer in use and has been replaced by crutch bent

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Bent 3 Pile 5

pile is no longer in use and has been replaced by crutch bent

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National Bridge and NC Inspection Items

Structure Number: 910126 **Inspection Date:** 08/10/2021

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	**5**
Item 59: Superstructure	0 - 9 , N	**3**
Item 60: Substructure	0 - 9 , N	**3**
Item 61: Channel and Channel Protection	0 - 9 , N	**6**
Item 62: Culvert	0 - 9 , N	**N**
Item 71: Waterway Adequacy	0 - 9 , N	**5**
Item 72: Approach Roadway Alignment	0 - 9 , N	**6**

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**	**3082**	**3376**
Drainage System	G, F, P, or C	**F**	**242**	**3332**
Utilities	G, F, P, or C	**P**		
Slope Protection	G, F, P, or C			
Scour	G, F, P, or C	**F**		
Wingwall	G, F, P, or C		**0**	**3350**
Field Scour Evaluation		**U**		
Drift	G, F, P, or C	**G**	**0**	**3366**
Fender System	G, F, P, or C			
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	**F**		
Superstructure Paint Code				

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	**Y**
Priority Maintenance Request Submitted	YES/NO	**Y**
Inspection Time	Hours	**10**
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**
Portion of Structure in > 3' of water	YES/NO	**N**

National Bridge and NC SMU Inspection Item Details

Structure Number: 910126 **Inspection Date:** 08/10/2021

Item	Superstructure - Item 59	**Grade**	3	**Maint Code**		**Qty.**	0
Details	multiple channels with exposed and deteriorated strands. 1 strand has failed (span 1 channel 10 at midspan)						

Item	Substructure - Item 60	**Grade**	3	**Maint Code**		**Qty.**	0
Details	Decay with fill loss and erosion at abutments and decay on end bent piles Temporary shoring - original interior bents are no longer in service; channels are only resting on crutch bents.						

Item	Channel and Channel Protection - Item 61	**Grade**	6	**Maint Code**		**Qty.**	0
Details	streambank near bent 1, vertical cuts (30ft x 3ft)						

Item	Waterway Adequacy - Item 71	**Grade**	5	**Maint Code**		**Qty.**	0
Details	drift found on top of caps at crutch bents, evidence that bridge might overtop						

Item	Approach Roadway Alignment - Item 72	**Grade**	6	**Maint Code**		**Qty.**	0
Details	roadway curves at both ends of structure and narrows at bridge causing a reduction in speed						

Item	Sign Notice Issued	**Grade**	Y	**Maint Code**		**Qty.**	0
Details	(PAR) clear roadway of bridge between 18ft-25ft; approach roadway (25.6ft) wider than clear roadway of bridge (24.083ft)						

Item	Deck Debris	**Grade**	F	**Maint Code**	3376	**Qty.**	3082
Details	along both curbs, debris and vegetation growth (full length x 1ft x up to 3in deep)						

Item	Drainage System	**Grade**	F	**Maint Code**	3332	**Qty.**	242
Details	vegetation growth throughout gutterlines affecting drainage						

Item	Utilities	**Grade**	P	**Maint Code**		**Qty.**	0
Details	utility broken at multiple locations throughout structure						

Item	Scour	**Grade**	F	**Maint Code**		**Qty.**	0
Details	undermining of End Bent 1 pile concrete collars						

Item	Response to live load	**Grade**	F	**Maint Code**		**Qty.**	0
Details	some vibrations under live load						

Item	General Comments and Misc Items	**Grade**		**Maint Code**		**Qty.**	0
Details	(PAR) southeast corner of bridge adjacent to roadway, erosion hole (3ft long x 2.5ft wide x up to 4ft deep) up to 1ft of undermining of roadway (PAR) northeast delineator covered by vegetation (southwest delineator similar)						

General Comments and Misc. Items: (PAR) southeast corner of bridge adjacent to roadway, erosion hole (3ft long x 2.5ft wide x up to 4ft deep) up to 1ft of undermining of roadway

Span 1 Wearing Surface: over end bent 1, transverse crack (full width x up to 1/8in)

Span 1 Wearing Surface: along edges of channels, (5) longitudinal cracks (full length x 1/16in)

Span 1 Left Bridge Rail: along length of rail, active corrosion with no section loss noted

Span 2 Wearing Surface: UP TO 1/8" TRANSVERSE CRACKING OVER BENT 1

Deck Debris: along both curbs, debris and vegetation (full length x 1ft x up to 3in deep)

Span 1 Right Bridge Rail: at rail post 2, spall [3ft x 10in x 3in deep]

Span 1 Wearing Surface: northbound lane at bent 1, pothole (6in x 20in x up to 1-1/2in deep)

Span 2 Right Bridge Rail: at rail post 5, delamination/spall [2ft x 8in x 3in deep]

Span 3 Right Bridge Rail: along length of rail at top, three [3] areas of impact damage [up to 3ft x 3in]

Span 4 Wearing Surface: northbound lane along edge of channels 8 and 9, pothole (20ft x 3in x 1in)

Span 4 Left Bridge Rail: [PAR] rail post 6 is missing

Span 4 Left Bridge Rail: (PAR) at rail posts 3,4 & 5, delamination/spall [up to 3ft x 11in x 3in deep] allowing excessive deflection of rail

General Comments and Misc. Items: (PAR) northeast delineator covered by vegetation

End Bent 1 Cap 1: over pile 3, spall/delamination [8in x 5in x 1/4in deep]

End Bent 1 Pile 3: (PAR) at base of pile, multiple checks [full height x up to 1/4in wide x up to 2in deep], decay [14in x 10in x 3in deep]

End Bent 1 Abutment: [PAR] between piles 3 and 5 second bulkhead board below cap, decay [10ft x up to full height x full width] with fill exposed

End Bent 1 Pile 1: (PAR) along height of exposed pile, multiple checks [full height x up to 1/8in], pile sounds hollow when hammered

End Bent 1 Pile 5: (PAR) concrete collar is undermined (60%)

Span 1 Slab 1: left and right leg near midspan, multiple spalls/delaminations [up to 5in x 4in x 3/4in deep] with two exposed stirrups [no section loss noted]

Span 1 Slab 1: (PAR) left and right leg at bent 1, four [4] spalls/delaminations [up to 12in x 5in x 1in deep] with loss of bearing area

Span 1 Slab 2: [PAR] left leg near midspan, spall [16in x 5in x full width] with exposed strand that exhibits section loss [up to 25%]

Span 1 Slab 2: (PAR) left and right leg at bent 1, three [3] spalls/delaminations [up to 10in x 6in x 1in deep] channel legs crushing and bottom of channel legs sits below top of crutch bent cap

Span 1 Slab 3: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 6in x 1in deep] with exposed strand, channel legs crushing and bottom of channel legs sits below top of crutch bent cap

Span 1 Slab 4: (PAR) right leg at bent 1, spalled patched area [12in x full width x 5in high] with exposed strands

Span 1 Slab 4: left leg at bent 1, two [2] spalls [up to 12in x 4in x 1in deep]

Span 1 Slab 5: (PAR) right leg at midspan, spall (40in x 3in deep) with exposed strand (25% section loss)

Span 1 Slab 9: left leg at far end, two [2] spalls [up to 4in diameter x 1in deep] with one [1] exposed stirrup [loss < 1/16in]

Span 1 Slab 10: [PAR] left leg at midspan, spall/delamination, [11ft x full width of leg x 11in high] with four [4] exposed prestressed strands, three [3] of the exposed strands have failed with remaining one [1] strand exhibiting section loss [up to 40%] (photo 1 of 2)

Span 1 Slab 10: [PAR] left leg at midspan, spall/delamination, [11ft x full width of leg x 11in high] with four [4] exposed prestressed strands, three [3] of the exposed strands have failed with remaining one [1] strand exhibiting section loss [up to 40%] (photo 2 of 2)

Span 1 Slab 10: right leg at far end over bearing, spall [18in x 9in x 1/2in deep]

Span 1 Crutch Bent 1 Cap 1: along length of cap at lower web and top flange, corrosion with section loss [<1/16in] with adjacent spot rust

Span 2 Slab 1: right leg 6ft from bent 2, spall (30in x 3in x 3/4in) with exposed rusted rebar

Span 2 Slab 2: [PAR] left and right leg at bent 2, two [2] spalls/delaminations [up to 36in x 6in x full width], with two [2] exposed stirrups [no section loss noted] and exposed strand [section loss up to 20%]

Span 2 Slab 5: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 8in x up to full width], with exposed stirrup [no section loss noted] channel legs crushing and bottom of channel legs sits below top of crutch bent cap (photo 1 of 2)

Span 2 Slab 5: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 8in x up to full width], with exposed stirrup [no section loss noted] channel legs crushing and bottom of channel legs sits below top of crutch bent cap (photo 2 of 2)

Span 2 Slab 7: [PAR] left leg near midspan, spall/delamination [30in x 4in x full width], with exposed strand [section loss up to 30%]

Span 2 Slab 9: [PAR] right leg at bent 1, spall/delamination [52in x 8in x up to full width] with one exposed strand (50% section loss on strand)

Span 2 Slab 9: [PAR] right leg 12ft from bent 1, spall/delamination [6ft x 3in x full width] with exposed strand (25% section loss)

Span 2 Slab 10: left and right leg at bent 1, four [4] spalls [up to 18in x 6in x 1/2in]

Span 2 Slab 10: left leg at midspan, delamination (4ft x 2in high) with longitudinal crack crack (up to 1/8in)

Span 3 Slab 2: [PAR] left leg at bent 3, spall [6ft x full width x 5in], with exposed strand (40% section loss)

Span 3 Slab 2: (PAR) right leg at midspan, spall (20in x 5in x 3/4in) with exposed rusted strand

Span 3 Slab 5: (PAR) right leg at bent 3, spall [6in x 4in x full width], with exposed strand

Span 3 Slab 6: [PAR] left leg at far third, spall [2ft x 5in] with exposed strand

Span 4 Slab 1: right leg near midspan, spall [12in x 8in x 3/4in] with exposed stirrup [no section loss noted]

Span 4 Slab 2: left leg at bent 3, spall [6in x 6in x 1/2in deep]

Span 4 Slab 4: (PAR) at far end of both legs, three [3] spalls/delaminations [6in x 6in x 1-1/2in deep] with one exposed strand [section loss up to 10%]

Span 4 Slab 8: [PAR] right leg at far third, spall [4ft x 3in x full width] with exposed strand

Span 4 Slab 8: (PAR) left leg at far third, spall/delamination [36in x 3in x 2in deep] with exposed rusted strand

Span 4 Slab 10: [PAR] 5 TOTAL AREAS OF AREAS IN LEFT LEG OF FULL WIDTH X UP TO 6" HIGH SPALLS WITH EXPOSED STRANDS FOR 20' TOTAL (20% SECTION LOSS) (PHOTO 1 OF 4)

Span 4 Slab 10: [PAR] 5 TOTAL AREAS OF AREAS IN LEFT LEG OF FULL WIDTH X UP TO 6" HIGH SPALLS WITH EXPOSED STRANDS FOR 20' TOTAL (20% SECTION LOSS) (PHOTO 2 OF 4)

Span 4 Slab 10: [PAR] 5 TOTAL AREAS OF AREAS IN LEFT LEG OF FULL WIDTH X UP TO 6" HIGH SPALLS WITH EXPOSED STRANDS FOR 20' TOTAL (20% SECTION LOSS) (PHOTO 3 OF 4)

Span 4 Slab 10: [PAR] 5 TOTAL AREAS OF AREAS IN LEFT LEG OF FULL WIDTH X UP TO 6" HIGH SPALLS WITH EXPOSED STRANDS FOR 20' TOTAL (20% SECTION LOSS) (PHOTO 4 OF 4)

Span 4 Slab 10: right leg at bent 3, spall [10in x 4in x 3/4in deep]

End Bent 2 Abutment: [PAR] between piles 1 and 2, lower board decay [3ft x 4in x full width] with exposed/missing backfill material

End Bent 2 Pile 3: at base of pile, decay (8in x 1in x 1-1/2in deep)

Stream Bed Soundings

(Profile diagram on following sheet)

County **WAKE** Structure Number: **910126** Inspection Date **08/10/2021**

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

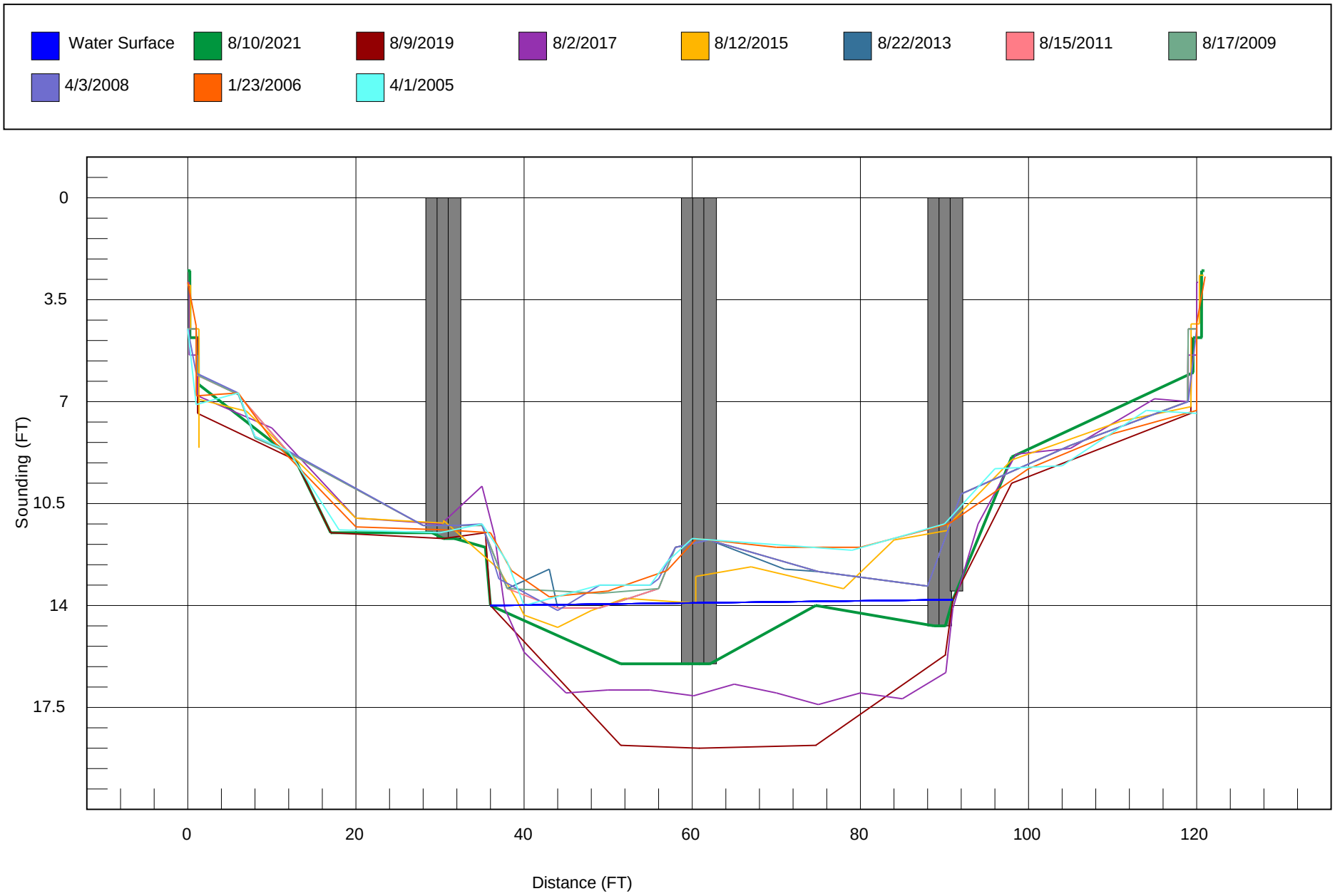
Highwater Mark Distance **4.33** Location of Highwater Mark **top of crutch bent cap**

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	2.500	0.000	fill face
0.250	2.500	0.000	top of bulkhead
0.260	4.800	0.000	top of cap
1.250	4.800	0.000	top of cap
1.260	6.400	8.300	ground at cap
12.800	9.000	0.000	ground
17.000	11.500	0.000	ground
29.070	11.500	11.500	span 1 crutch bent 1
30.400	11.700	11.400	bent 1
31.730	11.700	11.400	span 2 crutch bent 1
35.400	12.000	0.000	ground
36.000	14.000	0.000	water surface water edge (wswe)
51.500	16.000	0.000	streambed
59.470	16.000	13.000	span 2 crutch bent 2
60.800	16.000	13.300	bent 2
62.130	16.000	13.300	span 3 crutch bent 1
74.700	14.000	0.000	streambed
88.770	14.700	13.300	span 3 crutch bent 2
90.100	14.700	13.300	bent 3
91.000	13.800	0.000	water surface water edge (wswe)
91.430	13.500	13.300	span 4 crutch bent 1
98.000	8.900	0.000	ground
119.574	6.000	7.400	ground at cap
119.584	4.800	0.000	top of cap
120.574	4.800	0.000	top of cap
120.584	2.500	0.000	top of bulkhead
120.834	2.500	0.000	fill face

Bridge: 910126 County: WAKE Date: 08/10/2021

STREAMBED PROFILE (Downstream)

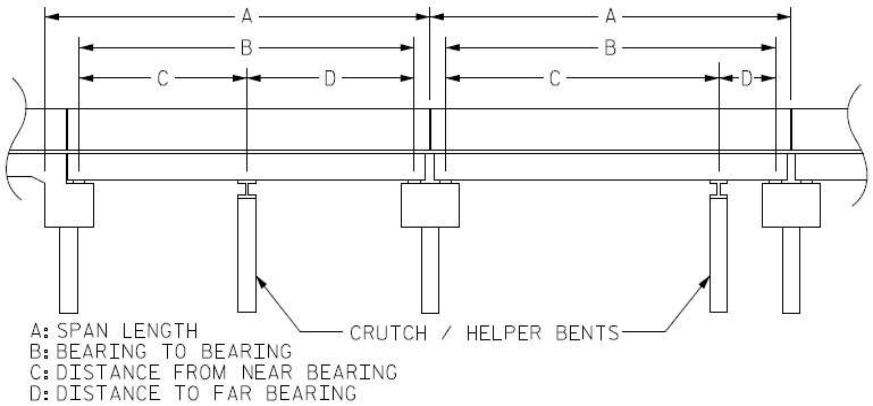
Top of Rail = 0FT (Sounding)



Structure Data Worksheet

Span Profile

County: **WAKE** Structure Number: **910126**



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	30.417	28.670			
			1	27.500	1.167
2	30.000	28.670			
			1	1.167	27.500
			2	27.500	1.167
3	30.000	28.670			
			1	1.167	27.500
			2	27.500	1.167
4	30.417	28.670			
			1	1.167	27.500

posting sign northwest corner

south approach, looking north

posting sign southeast corner

asphalt wearing surface over end bent 1

east bridge rail

west bridge rail

asphalt wearing surface over bent 1

asphalt wearing surface over bent 2

looking upstream, east

asphalt wearing surface over bent 3

south approach, looking south (backstation)

north approach, looking north (upstation)

asphalt wearing surface over end bent 2

north approach, looking south

asphalt wearing surface

looking downstream, west

underside of channels (span 2)

end bent 1

bent 1

bent 2

bent 3

upstream profile, looking west

stream underview looking downstream, west (span 2)

channels on bent 2

end bent 2

stream underview looking upstream, east (spans 2 and 3)

downstream profile, looking east

channels on bent 1

channels on bent 3

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 910126 County WAKE 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	1	(PAR) southeast corner of bridge adjacent to roadway, erosion hole (3ft long x 2.5ft wide x up to 4ft deep) up to 1ft of undermining of roadway	
3102	Removal of Hazard	EA	2	(PAR) northeast delineator covered by vegetation (southwest delineator similar)	
3250	Install or Replace Ground Mounted Signs	SF	2	(PAR) clear roadway of bridge between 18ft-25ft; approach roadway (25.6ft) wider than clear roadway of bridge (24.083ft)	
3306	Maintain Concrete Superstructure Components	SF	1	Span 1 Slab 1: (PAR) left and right leg at bent 1, four [4] spalls/delaminations [up to 12in x 5in x 1in deep] with loss of bearing area	
3306	Maintain Concrete Superstructure Components	SF	2	Span 1 Slab 2: [PAR] left leg near midspan, spall [16in x 5in x full width] with exposed strand that exhibits section loss [up to 25%]	
3306	Maintain Concrete Superstructure Components	SF	2	Span 1 Slab 3: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 6in x 1in deep] with exposed strand, channel legs crushing and bottom of channel legs sits below top of crutch bent cap	
3306	Maintain Concrete Superstructure Components	SF	1	Span 1 Slab 4: (PAR) right leg at bent 1, spalled patched area [12in x full width x 5in high] with exposed strands	
3306	Maintain Concrete Superstructure Components	SF	4	Span 1 Slab 5: (PAR) right leg at midspan, spall (40in x 3in deep) with exposed strand (25% section loss)	
3306	Maintain Concrete Superstructure Components	SF	11	Span 1 Slab 10: [PAR] left leg at midspan, spall/delamination, [11ft x full width of leg x 11in high] with four [4] exposed prestressed strands, three [3] of the exposed strands have failed with remaining one [1] strand exhibiting section loss [up to 40%]	
3306	Maintain Concrete Superstructure Components	SF	3	Span 2 Slab 2: [PAR] left and right leg at bent 2, two [2] spalls/delaminations [up to 36in x 6in x full width], with two [2] exposed stirrups [no section loss noted] and exposed strand [section loss up to 20%]	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 910126 County WAKE Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3306	Maintain Concrete Superstructure Components	SF	1	Span 2 Slab 5: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 8in x up to full width], with exposed stirrup [no section loss noted] channel legs crushing and bottom of channel legs sits below top of crutch bent cap	
3306	Maintain Concrete Superstructure Components	SF	3	Span 2 Slab 7: [PAR] left leg near midspan, spall/delamination [30in x 4in x full width], with exposed strand [section loss up to 30%]	
3306	Maintain Concrete Superstructure Components	SF	5	Span 2 Slab 9: [PAR] right leg at bent 1, spall/delamination [52in x 8in x up to full width] with one exposed strand (50% section loss on strand)	
3306	Maintain Concrete Superstructure Components	SF	6	Span 2 Slab 9: [PAR] right leg 12ft from bent 1, spall/delamination [6ft x 3in x full width] with exposed strand (25% section loss)	
3306	Maintain Concrete Superstructure Components	SF	6	Span 3 Slab 2: [PAR] left leg at bent 3, spall [6ft x full width x 5in], with exposed strand (40% section loss)	
3306	Maintain Concrete Superstructure Components	SF	2	Span 3 Slab 2: (PAR) right leg at midspan, spall (20in x 5in x3/4in)	
3306	Maintain Concrete Superstructure Components	SF	1	Span 3 Slab 5: (PAR) right leg at bent 3, spall [6in x 4in x full width], with exposed strand	
3306	Maintain Concrete Superstructure Components	SF	2	Span 3 Slab 6: [PAR] left leg at far third, spall [2ft x 5in] with exposed strand	
3306	Maintain Concrete Superstructure Components	SF	4	Span 4 Slab 8: [PAR] right leg at far third, spall [4ft x 3in x full width] with exposed strand	
3306	Maintain Concrete Superstructure Components	SF	20	Span 4 Slab 10: [PAR] 5 TOTAL AREAS OF AREAS IN LEFT LEG OF FULL WIDTH X UP TO 6" HIGH SPALLS WITH EXPOSED STRANDS FOR 20' TOTAL (20% SECTION LOSS) (PHOTO 4 OF 4)	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 910126 County WAKE Date:

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3306	Maintain Concrete Superstructure Components	SF	2	Span 1 Slab 2: (PAR) left and right leg at bent 1, three [3] spalls/delaminations [up to 10in x 6in x 1in deep] channel legs crushing and bottom of channel legs sits below top of crutch bent cap	
3306	Maintain Concrete Superstructure Components	SF	1	Span 4 Slab 4: (PAR) at far end of both legs, three [3] spalls/delaminations [6in x 6in x 1-1/2in deep] with one exposed strand [section loss up to 10%]	
3306	Maintain Concrete Superstructure Components	SF	1	Span 4 Slab 8: (PAR) left leg at far third, spall/delamination [36in x 3in x 2in deep] with exposed rusted strand	
3318	Maint to Concrete Handrail	LF	9	Span 4 Left Bridge Rail: (PAR) at rail posts 3,4 & 5, delamination/spall [up to 3ft x 11in x 3in deep] allowing excessive deflection of rail	
3318	Maint to Concrete Handrail	LF	1	Span 4 Left Bridge Rail: [PAR] rail post 6 is missing	
3344	Repair / Replace Timber Substructure Components	LF	1	End Bent 1 Pile 3: (PAR) at base of pile, multiple checks [full height x up to 1/4in wide x up to 2in deep], decay [14in x 10in x 3in deep]	
3344	Repair / Replace Timber Substructure Components	LF	1	End Bent 1 Pile 1: (PAR) along height of exposed pile, multiple checks [full height x up to 1/8in], pile sounds hollow when hammered	
3344	Repair / Replace Timber Substructure Components	LF	1	End Bent 1 Pile 5: (PAR) concrete collar is undermined (60%)	
3346	Repair / Maintain Timber Wings & Blkhds	SF	10	End Bent 1 Abutment: [PAR] between piles 3 and 5 second bulkhead board below cap, decay [10ft x up to full height x full width] with fill exposed	
3346	Repair / Maintain Timber Wings & Blkhds	SF	3	End Bent 2 Abutment: [PAR] between piles 1 and 2, lower board decay [3ft x 4in x full width] with exposed/missing backfill material	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 County WAKE

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

MMS Code	MMS Description	Quantity
3102	Removal of Hazard	1 EA

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details

(PAR) southeast corner of bridge adjacent to roadway, erosion hole (3ft long x 2.5ft wide x up to 4ft deep) up to 1ft of undermining of roadway

MMS Code	MMS Description	Quantity
3102	Removal of Hazard	2 EA

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
08/17/2021	MICHAEL MEYER	

Details

(PAR) northeast delineator covered by vegetation (southwest delineator similar)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 County WAKE

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

MMS Code	MMS Description	Quantity
3250	Install or Replace Ground Mounted Signs	2 SF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/17/2021	MICHAEL MEYER	

Details

(PAR) clear roadway of bridge between 18ft-25ft; approach roadway (25.6ft) wider than clear roadway of bridge (24.083ft)

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF

Location:	
Bent/Span No.	
Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details

Span 1 Slab 1: (PAR) left and right leg at bent 1, four [4] spalls/delaminations [up to 12in x 5in x 1in deep] with loss of bearing area

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 County WAKE

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	2 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details

Span 1 Slab 2: [PAR] left leg near midspan, spall [16in x 5in x full width] with exposed strand that exhibits section loss [up to 25%]

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	2 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details

Span 1 Slab 3: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 6in x 1in deep] with exposed strand, channel legs crushing and bottom of channel legs sits below top of crutch bent cap

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 County WAKE

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details

Span 1 Slab 4: (PAR) right leg at bent 1, spalled patched area [12in x full width x 5in high] with exposed strands

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	4 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details

Span 1 Slab 5: (PAR) right leg at midspan, spall (40in x 3in deep) with exposed strand (25% section loss)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 County WAKE

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	11 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details
Span 1 Slab 10: [PAR] left leg at midspan, spall/delamination, [11ft x full width of leg x 11in high] with four [4] exposed prestressed strands, three [3] of the exposed strands have failed with remaining one [1] strand exhibiting section loss [up to 40%]

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	3 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details
Span 2 Slab 2: [PAR] left and right leg at bent 2, two [2] spalls/delaminations [up to 36in x 6in x full width], with two [2] exposed stirrups [no section loss noted] and exposed strand [section loss up to 20%]

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 County WAKE

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details

Span 2 Slab 5: (PAR) left and right leg at bent 1, two [2] spalls [up to 12in x 8in x up to full width], with exposed stirrup [no section loss noted] channel legs crushing and bottom of channel legs sits below top of crutch bent cap

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	3 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details

Span 2 Slab 7: [PAR] left leg near midspan, spall/delamination [30in x 4in x full width], with exposed strand [section loss up to 30%]

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 County WAKE

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	5 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details

Span 2 Slab 9: [PAR] right leg at bent 1, spall/delamination [52in x 8in x up to full width] with one exposed strand (50% section loss on strand)

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	6 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details

Span 2 Slab 9: [PAR] right leg 12ft from bent 1, spall/delamination [6ft x 3in x full width] with exposed strand (25% section loss)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 County WAKE

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	6 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details

Span 3 Slab 2: [PAR] left leg at bent 3, spall [6ft x full width x 5in], with exposed strand (40% section loss)

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	2 SF

Location:		
Bent/Span No.		
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details

Span 3 Slab 2: (PAR) right leg at midspan, spall (20in x 5in x3/4in)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 County WAKE

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details
Span 3 Slab 5: (PAR) right leg at bent 3, spall [6in x 4in x full width], with exposed strand

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	2 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details
Span 3 Slab 6: [PAR] left leg at far third, spall [2ft x 5in] with exposed strand

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 County WAKE

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	4 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details
Span 4 Slab 8: [PAR] right leg at far third, spall [4ft x 3in x full width] with exposed strand

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	20 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details
Span 4 Slab 10: [PAR] 5 TOTAL AREAS OF AREAS IN LEFT LEG OF FULL WIDTH X UP TO 6" HIGH SPALLS WITH EXPOSED STRANDS FOR 20' TOTAL (20% SECTION LOSS) (PHOTO 4 OF 4)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 County WAKE

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	2 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/17/2021	MICHAEL MEYER	

Details
Span 1 Slab 2: (PAR) left and right leg at bent 1, three [3] spalls/delaminations [up to 10in x 6in x 1in deep] channel legs crushing and bottom of channel legs sits below top of crutch bent cap

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/17/2021	MICHAEL MEYER	

Details
Span 4 Slab 4: (PAR) at far end of both legs, three [3] spalls/delaminations [6in x 6in x 1-1/2in deep] with one exposed strand [section loss up to 10%]

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 County WAKE

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	1 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/17/2021	MICHAEL MEYER	

Details
Span 4 Slab 8: (PAR) left leg at far third, spall/delamination [36in x 3in x 2in deep] with exposed rusted strand

MMS Code	MMS Description	Quantity
3318	Maint to Concrete Handrail	9 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details
Span 4 Left Bridge Rail: (PAR) at rail posts 3,4 & 5, delamination/spall [up to 3ft x 11in x 3in deep] allowing excessive deflection of rail

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 County WAKE

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

MMS Code	MMS Description	Quantity
3318	Maint to Concrete Handrail	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/11/2021	MICHAEL MEYER	

Details
Span 4 Left Bridge Rail: [PAR] rail post 6 is missing

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/17/2021	MICHAEL MEYER	

Details
End Bent 1 Pile 3: (PAR) at base of pile, multiple checks [full height x up to 1/4in wide x up to 2in deep], decay [14in x 10in x 3in deep]

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 County WAKE

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

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/17/2021	MICHAEL MEYER	

Details
End Bent 1 Pile 1: (PAR) along height of exposed pile, multiple checks [full height x up to 1/8in], pile sounds hollow when hammered

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	1 LF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/17/2021	MICHAEL MEYER	

Details
End Bent 1 Pile 5: (PAR) concrete collar is undermined (60%)

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 910126 County WAKE

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

MMS Code	MMS Description	Quantity
3346	Repair / Maintain Timber Wings & Blkhds	10 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/17/2021	MICHAEL MEYER	

Details
End Bent 1 Abutment: [PAR] between piles 3 and 5 second bulkhead board below cap, decay [10ft x up to full height x full width] with fill exposed

MMS Code	MMS Description	Quantity
3346	Repair / Maintain Timber Wings & Blkhds	3 SF

Location:
Bent/Span No.

Priority Level	Status
Priority Maintenance	Division Bridge Maintenance Notification

Submitted Date:	Submitted By:	Assisted By:
08/17/2021	MICHAEL MEYER	

Details
End Bent 2 Abutment: [PAR] between piles 1 and 2, lower board decay [3ft x 4in x full width] with exposed/missing backfill material

Bridge Inspection Field Sketch

Roadway	21.7ft Wide	2 Paved Lanes	Looking North
Left Shoulder	6.2ft Wide	2.7ft Paved	3.5ft Unpaved
Right Shoulder	4.9ft Wide	1.2ft Paved	3.7ft Unpaved
Left Guardrail			
Right Guardrail			

MEASUREMENTS TAKEN APPROXIMATELY 25FT SOUTH OF END BENT 1

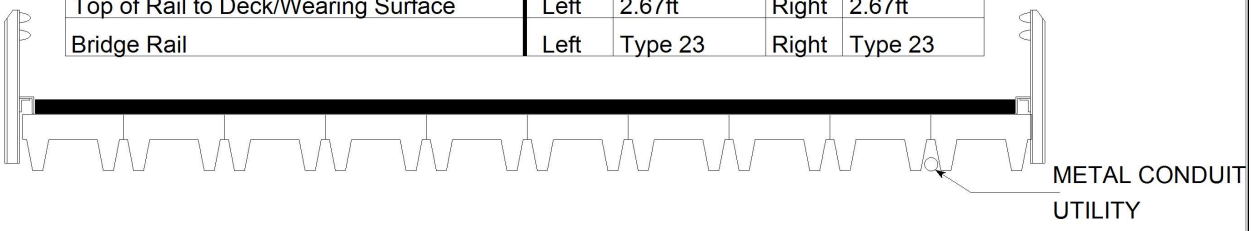
VERIFIED BY: S. GURME 8/10/2021

Title	**Description**
Approach Roadway Sketch	Data Worksheet

Bridge No: 910126	**Drawn By:** VWW	**Date:** 11/23/2005	**File Name:** S0010000292

Bridge Inspection Field Sketch

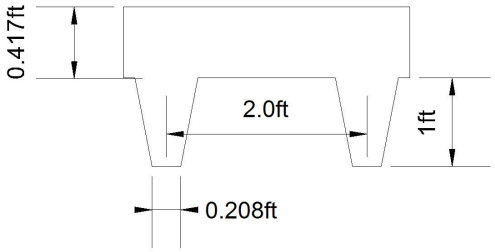
Deck Width/Out to Out	25.5ft	Between Rails				24.917ft
Clear Roadway	24.083ft	Wearing Surface				0.333ft
Median Width		Median Height				
Curb Height		Left	0.583ft	Right	0.583ft	
Sidewalk Width		Left		Right		
Clear Roadway (Rail to Median)		Left		Right		
Guardrail Width		Left	0.67ft	Right	0.67ft	
Top of Rail to Deck/Wearing Surface		Left	2.67ft	Right	2.67ft	
Bridge Rail		Left	Type 23	Right	Type 23	



Measurements for Span #	1	ALL SPANS SIMILAR	
Deck Thickness	0.417ft	Left Overhang	0ft
Top of Rail to Bottom of Beam	4.333ft	Right Overhang	0ft

Number of Channels	10
Leg Width	0.208ft
Leg Height	1ft
Leg to Leg (Centers)	2ft
Channel Width	2.542ft
Channel Height	1.417ft
Comments	

TYPICAL CHANNEL SKETCH



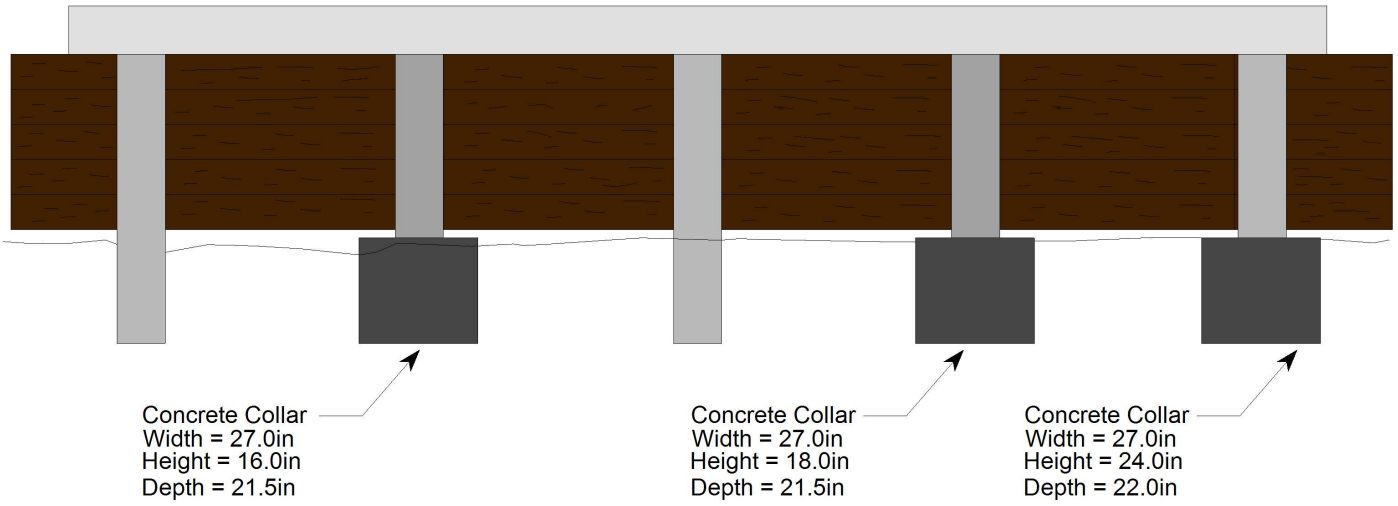
VERIFIED BY: S. GURME 8/10/2021

Title
Typical Section Sketch

Description
Data Worksheet

Bridge No: 910126 | **Drawn By:** VWW | **Date:** 11/23/2005 | **File Name:** S0010000293

Bridge Inspection Field Sketch



Cap Information Material Precast Concrete

Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
26.000 ft.	1.333 ft.	1.000 ft.	1.500 ft.	1.500 ft.	.250 ft.	.250 ft.

Subcap Information Material

Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.

Sill Information Material

Length	Width	Height

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	5.75 ft.	1 ft.			Vertical	Yes	No	No	No
2	Timber	5.75 ft.	1 ft.			Vertical	Yes	No	No	Yes
3	Timber	5.75 ft.	1 ft.			Vertical	Yes	No	No	No
4	Timber	5.75 ft.	1 ft.			Vertical	Yes	No	No	Yes
5	Timber		1 ft.			Vertical	Yes	No	No	Yes

VERIFIED BY: S. GURME 8/10/2021

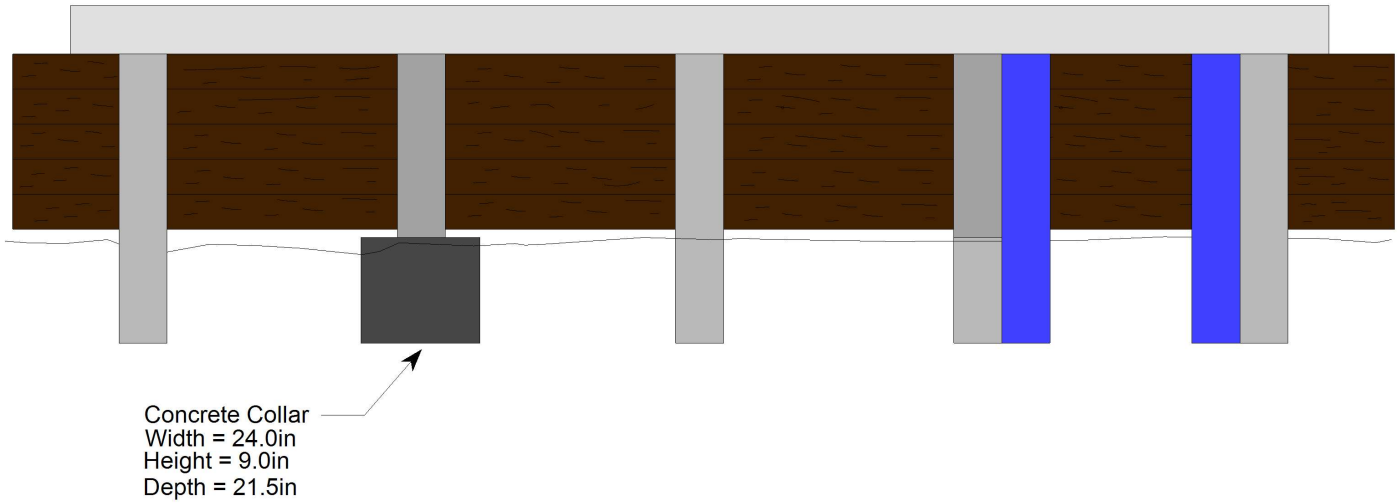
Bent/Abutment #: 1 Similar Bents:

Title
End Bent 1 Sketch

Description
Data Worksheet

Bridge No: 910126 | **Drawn By:** ado | **Date:** 04/03/2008 | **File Name:** S0214000042

Bridge Inspection Field Sketch



Cap Information — Material: Precast Concrete

Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
26.000 ft.	1.333 ft.	1.000 ft.	1.500 ft.	1.500 ft.	.250 ft.	.250 ft.

Subcap Information — Material

Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.

Sill Information — Material

Length	Width	Height

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	5.75 ft.	1 ft.			Vertical	Yes	No	No	No
2	Timber	5.75 ft.	1 ft.			Vertical	Yes	No	No	Yes
3	Timber	5.75 ft.	1 ft.			Vertical	Yes	No	No	No
4	Timber	1 ft.	1 ft.			Vertical	Yes	No	No	No
5	Timber	3.75 ft.	1 ft.			Vertical	*No	Yes	No	No
6	Timber	1 ft.	1 ft.			Vertical	*No	Yes	No	No
7	Timber		1 ft.			Vertical	Yes	No	No	No

*REVISED BY: S. GURME 8/10/2021

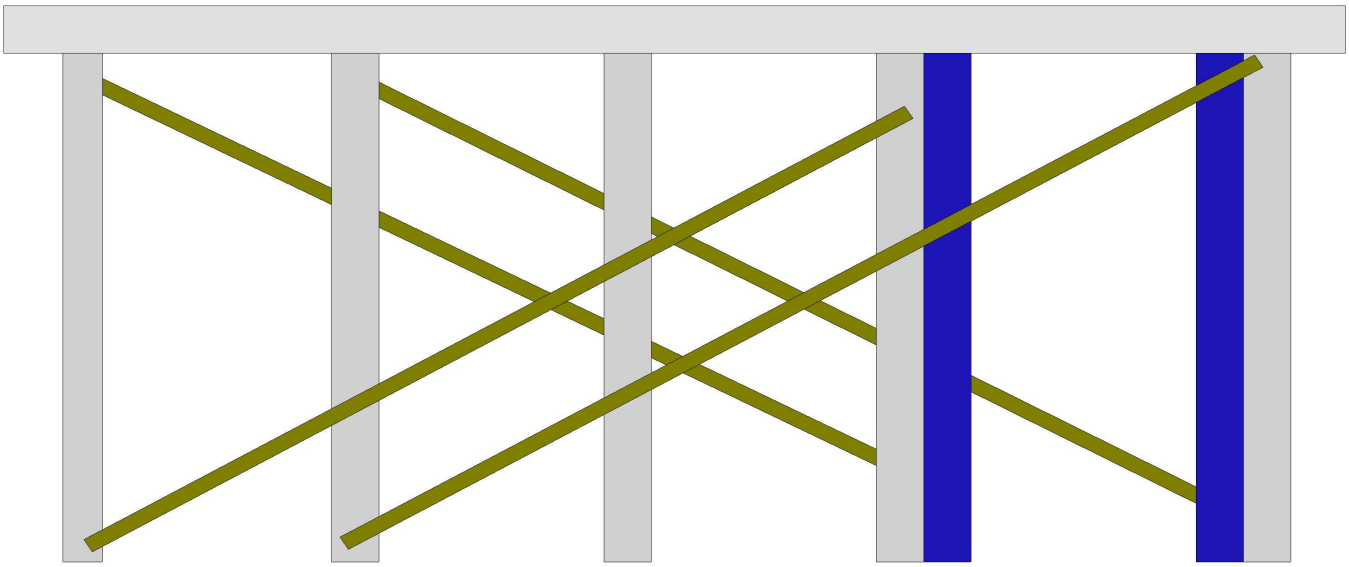
Bent/Abutment #: 2 Similar Bents:

Title
End Bent 2 Sketch

Description
Data Worksheet

Bridge No: 910126 | **Drawn By:** | **Date:** 02/22/2005 | **File Name:** S0010000294

Bridge Inspection Field Sketch



Cap Information			Material Precast Concrete			
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
*26.000 ft.	1.333 ft.	1.000 ft.	1.500 ft.	1.500 ft.	*.250 ft.	*.250 ft.

Subcap Information			Material		
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.

Sill Information			Material
Length	Width	Height	

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	5.750 ft.	0.833 ft.			Vertical	Yes	No	No	No
2	Timber	5.750 ft.	1.000 ft.			Vertical	Yes	No	No	No
3	Timber	5.750 ft.	1.000 ft.			Vertical	Yes	No	No	No
4	Timber	1.000 ft.	1.000 ft.			Vertical	Yes	No	No	No
5	Timber	*3.750 ft.	1.000 ft.			Vertical	*No	Yes	No	No
6	Timber	1.000 ft.	1.000 ft.			Vertical	*No	Yes	No	No
7	Timber		1.000 ft.			Vertical	Yes	No	No	No

NON-BEARING BENT

*REVISED BY: S.GURME 8/10/2021

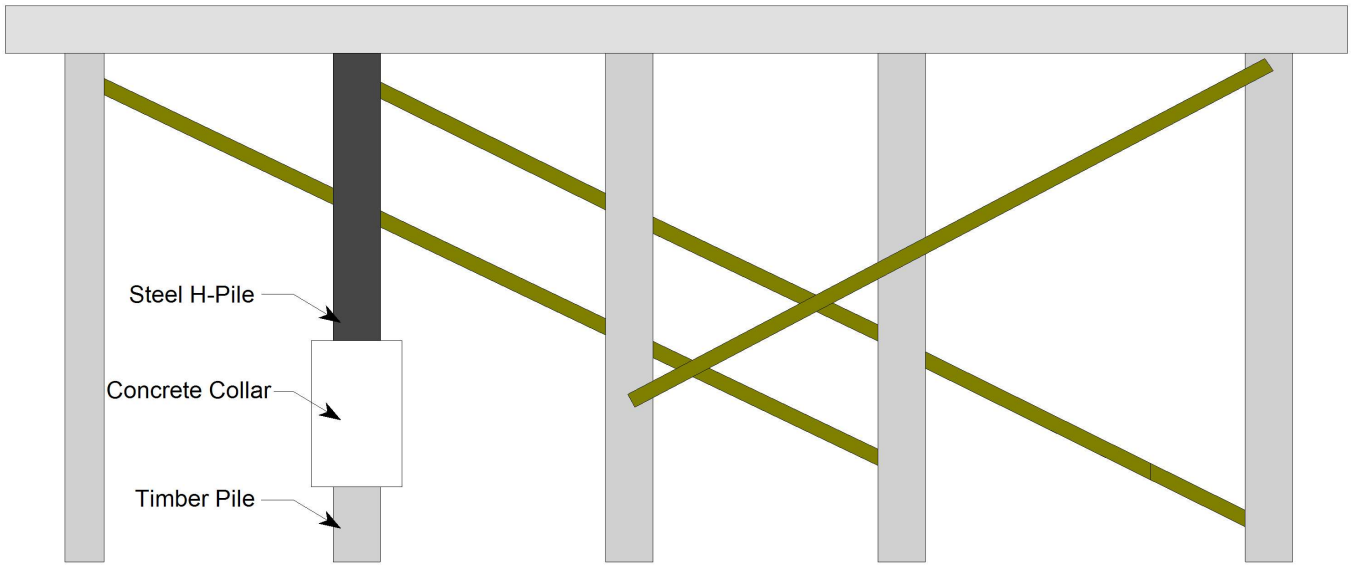
Bent/Abutment #: 1 Similar Bents:

Title
Interior Bent 1 Sketch

Description
Data Worksheet

Bridge No: 910126 | **Drawn By:** MRM | **Date:** 8/12/2015 | **File Name:** S0454000201

Bridge Inspection Field Sketch



Cap Information Material Precast Concrete

Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
26.000ft.	1.333 ft.	1.000 ft.	1.400 ft.	1.400 ft.	*.250 ft.	*.250 ft.

Subcap Information Material

Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.

Sill Information Material

Length	Width	Height

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	6.167 ft.	*1.000 ft.			Vertical	Yes	No	No	No
2	Steel/Timber	5.500 ft.	*1.000 ft.	*1.000 ft.		Vertical	Yes	Yes	No	Yes
3	Timber	5.750 ft.	*1.000 ft.			Vertical	Yes	No	No	No
4	Timber	5.750 ft.	*1.000 ft.			Vertical	Yes	No	No	No
5	Timber		*1.000 ft.			Vertical	Yes	No	No	No

NON-BEARING BENT

*REVISED BY: S. GURME 8/10/2021

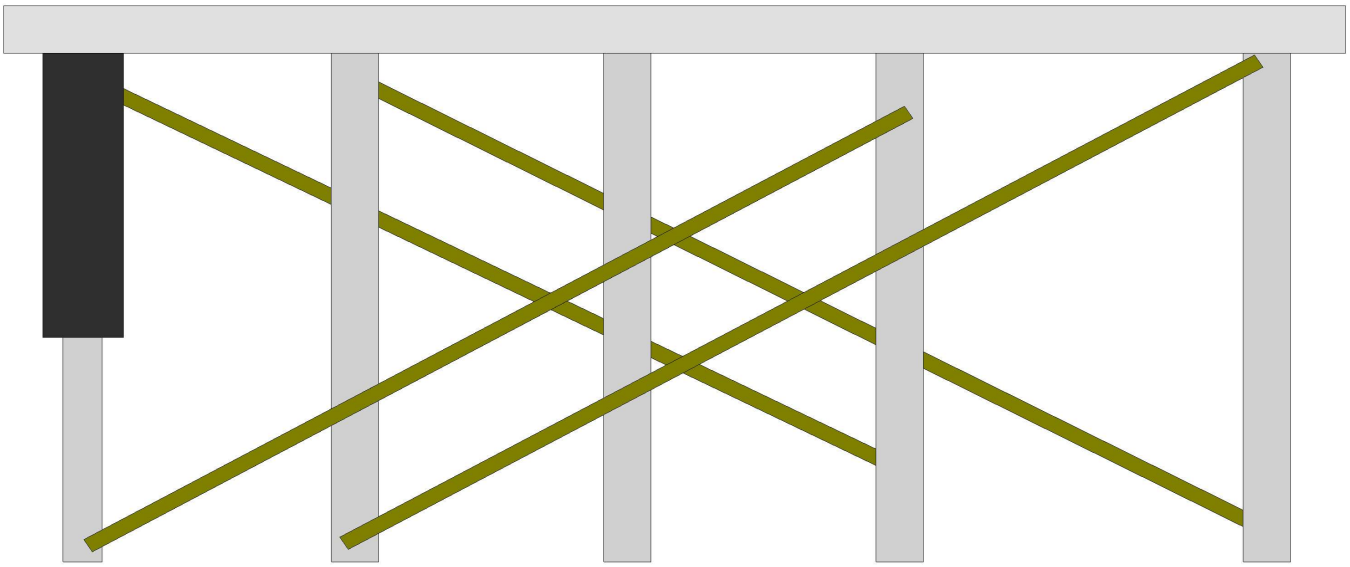
Bent/Abutment #: 2 Similar Bents:

Title
Interior Bent 2 Sketch

Description
Data Worksheet

Bridge No: 910126 | **Drawn By:** VWW | **Date:** 11/23/2005 | **File Name:** S0214000043

Bridge Inspection Field Sketch



Cap Information Material Precast Concrete

Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
26.000 ft.	1.333 ft.	1.000 ft.	1.300 ft.	1.300 ft.	*.250 ft.	*.250 ft.

Subcap Information Material

Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.

Sill Information Material

Length	Width	Height

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	6.000 ft.	*1.000 ft.			Vertical	Yes	No	No	Yes
2	Timber	5.750 ft.	*1.000 ft.			Vertical	Yes	No	No	No
3	Timber	5.670 ft.	*1.000 ft.			Vertical	Yes	No	No	No
4	Timber	6.000 ft.	*1.000 ft.			Vertical	Yes	No	No	No
5	Timber		*1.000 ft.			Vertical	Yes	No	No	No

*REVISED BY: S. GURME 8/10/2021

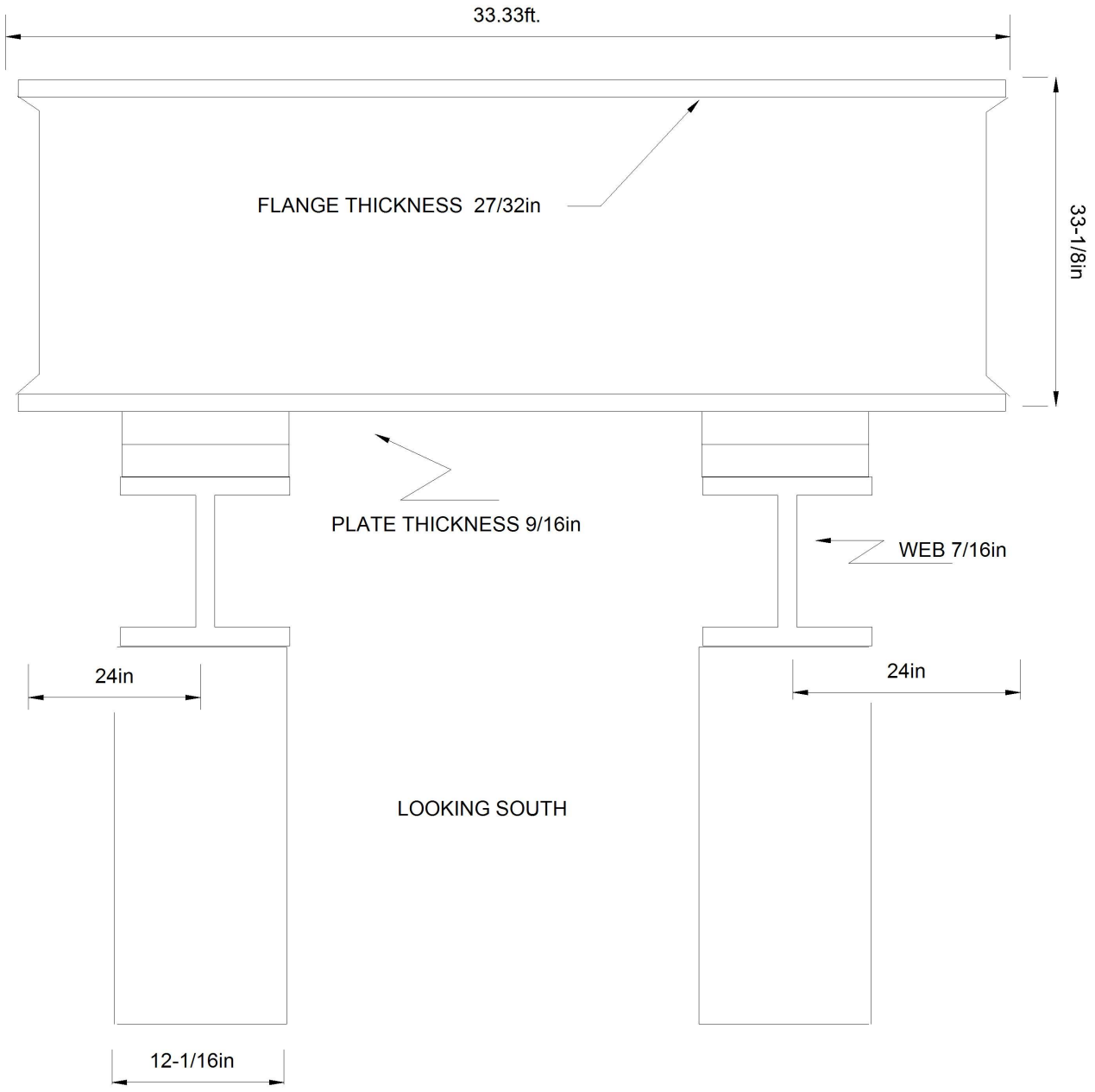
Bent/Abutment #: 3 Similar Bents:

Title
Interior Bent 3 Sketch

Description
Data Worksheet

Bridge No: 910126 | **Drawn By:** VWW | **Date:** 11/23/2005 | **File Name:** S0214000044

Bridge Inspection Field Sketch



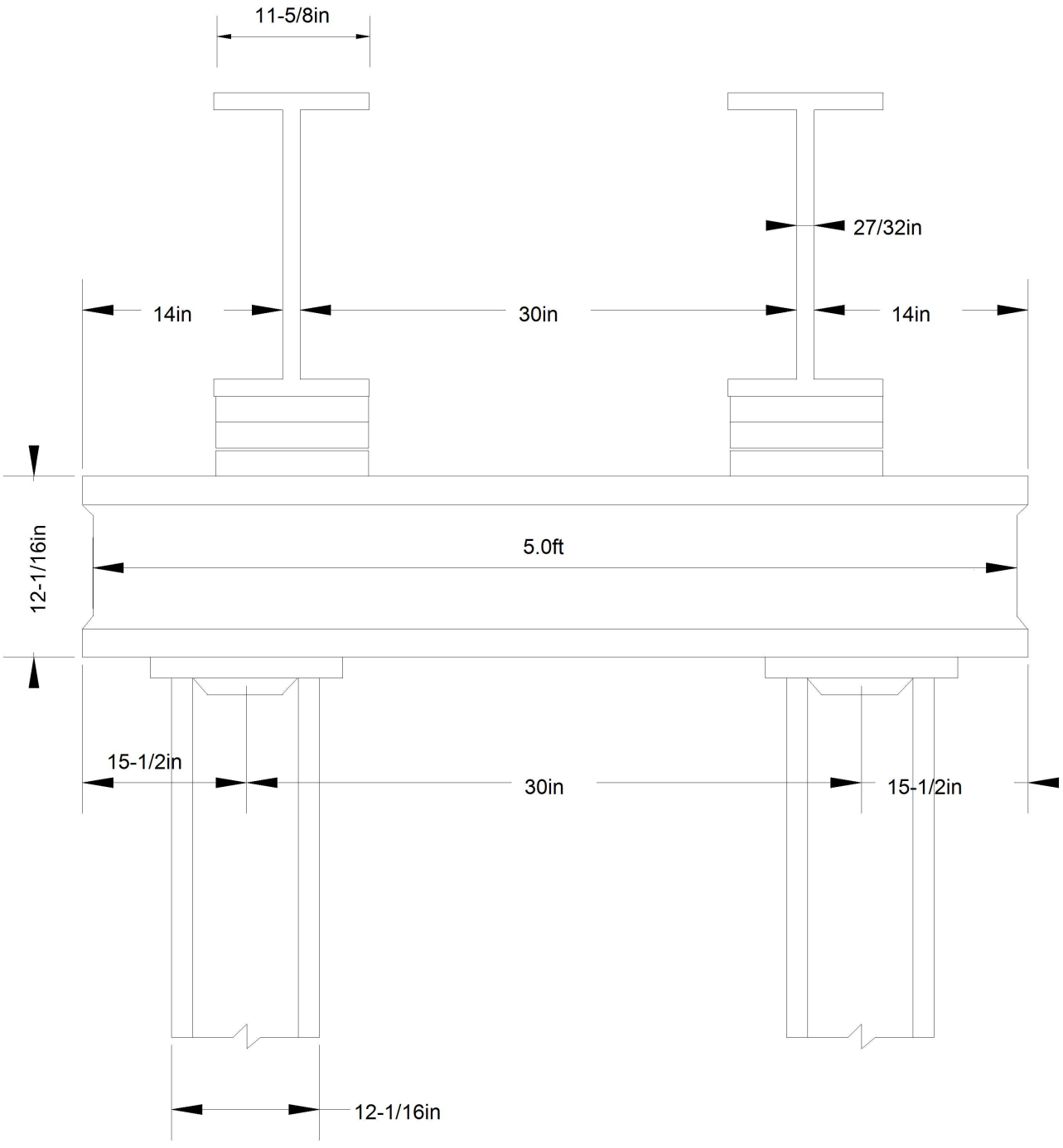
Interior Bent 3 Crutch Bent (Interior 1 and 2 Crutch Bents Similar)

VERIFIED BY: S. GURME 8/10/2021

Title	**Description**
Crutch Bent Sketch (North-South Faces)	Data Worksheet

Bridge No: 910126	**Drawn By:** VWW	**Date:** 08/17/2009	**File Name:** S0010000384

Bridge Inspection Field Sketch



VERIFIED BY: S. GURME 8/10/2021

Title	**Description**
Crutch Bent Sketch (West - East Faces)	Data Worksheet

Bridge No: 910126	**Drawn By:** VWW	**Date:** 08/17/2009	**File Name:** S0010000295