NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STRUCTURE MANAGEMENT UNIT

ATTENTION:

Structure Safety Report

Routine Element Inspection

INSPECTION DATE: 05/07/2019

DIVISION: 2 **COUNTY:** CARTERET **STRUCTURE NUMBER:** 150096 **FREQUENCY:** 24 MONTHS

FACILITY CARRIED: SR1335 **MILE POST:**

LOCATION: 0.3 MI SW OF JCT SR 1339 0.3 MI S OF JCT SR 1339

FEATURE INTERSECTED: THE STRAITS

LATITUDE: 34° 43' 13.64" **LONGITUDE:** 76° 34' 32.6"

SUPERSTRUCTURE: PRESTRESSED CONCRETE CORED SLAB

SUBSTRUCTURE: E.BTS&INT.BTS:RC CAPS/PRESTR.CONC.PILES @ VARY.CTS.

SPANS: 13 SPANS. SEE SPAN PROFILE SHEET FOR SPAN DETAILS

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

NBI GRADES: **DECK** 7 **SUPERSTRUCTURE** 7 **SUBSTRUCTURE** 5 **CULVERT** N

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

OTHER SIGNS PRESENT: (4) DELINEATORS

LOOKING NORTH

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

DIRECTION OF INSPECTION S-N

DIRECTION MATCHES PLANS

INSPECTED BY	SIGNATURE	ASSISTED BY
PD IPOCK	PD Ipock	RL WHITE

Structure Element Scoring

Structure Number: **150096**

Inspection Date **5/7/2019**

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	17550	17549	1	0	0
104	0	Prestressed Concrete Closed Web/Box Gir	Beam	5850	5847	2	1	0
215	0	Reinforced Concrete Abutment	Abutments	84	75	9	0	0
226	0	Prestressed Concrete Pile	Piles and Columns	62	47	15	0	0
234	0	Reinforced Concrete Pier Cap	Caps	471	0	42	429	0
301	0	Pourable Joint Seal	Expansion Joints	360	344	16	0	0
310	0	Elastomeric Bearing	Bearing Device	260	260	0	0	0
330	0	Metal Bridge Railing	Bridge Rail	1196	1196	0	0	0
515	330	Steel Protective Coating	Bridge Rail	1196	1196	0	0	0
510	0	Wearing Surface	Wearing Surfaces	15442	14999	62	381	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: **150096** Inspection Date: **05/07/2019**

MMS Code	Element Name	Defect Name	Recommended Quantity
3306	Prestressed Concrete Closed Web/Box	Efflorescence/Rust Staining	1 Feet
3348	Prestressed Concrete Pile	Cracking (PSC)	47 Each
3348	Reinforced Concrete Pier Cap	Delamination/Spall	6 Feet
3348	Reinforced Concrete Pier Cap	Patched Area	72 Feet
3348	Reinforced Concrete Pier Cap	Cracking (RC and Other)	326 Feet
2816	Wearing Surface	Crack (Wearing Surface)	443 Square Feet

Element Structure Maintenance Quantities

Structure Number: **150096** Inspection Date **05/07/2019**

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	0	84	0	0	9	75
Beam	3306	Maintenance Concrete Superstructure Components	1	5850	0	1	2	5847
Beam	3326	Maintenance of Concrete Deck	0	17550	0	0	1	17549
Bearing Device	3334	Bridge Bearing	0	260	0	0	0	260
Bridge Rail	3322	Maintenance of Steel Bridge Rail	0	1196	0	0	0	1196
Bridge Rail	3342	Clean and Paint Steel	0	1196	0	0	0	1196
Caps	3348	Maintenance of Concrete Substructure	404	471	0	429	42	0
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	360	0	0	16	344
Piles and Columns	3348	Maintenance of Concrete Substructure	47	62	0	0	15	47
Wearing Surfaces	2816	Asphalt Surface Repair	443	15442	0	381	62	14999

Element Condition and Maintenance Data

Structure Number: **150096** Inspection Date: **05/07/2019**

Span 1 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	1,197	1,171	0	26	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER END BENT 1.	3	26	26	Square Feet

General Comments

Span 1 — Slab 1

Prestressed Concrete Cored Slab

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	135	134	1	0	0	Square Feet
104	Prestressed Concrete Closed Web/Box Girder	45	45	0	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
15	Efflorescence/Rust Staining	1 Sq Ft OF EFFLORESCENCE @ 2/3 TRANSVERSE CABLE PORT.	2	1		Square Feet

General Comments

Span 2 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	1,184	1,133	25	26	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER BENT 1.	3	26	26	Square Feet
510	Crack (Wearing Surface)	25 SQUARE FEET OF FAIR LONGITUDINAL CRACKING IN SHOULDERS & LANES.	2	25	25	Square Feet

General Comments

Span 2 — Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	30	26	4	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
301	Debris Impaction	4 FEET OF FAIR DEBRIS AT THE EXPOSED PORTIONS IN THE RIGHT & LEFT SHOULDERS.	2	4		Feet

General Comments

Span 2 Slab 1

Prestressed Concrete Cored Slab

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	135	135	0	0	0	Square Feet
104	Prestressed Concrete Closed Web/Box Girder	45	44	0	1	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
104	Efflorescence/Rust Staining	1 FOOT OF POOR EFFLORESCENCE @ THE 1/3 TRANSVERSE CABLE PORT.	3	1	1	Feet

General Comments

Span 3 Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	1,184	1,146	0	38	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	12 SQUARE FEET OF FAIR LONGITUDINAL CRACKING IN THE RIGHT SHOULDER NEAR BENTS.	3	12	12	Square Feet
510	Crack (Wearing Surface)	26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER BENT 2	3	26	26	Square Feet

General Comments

Span 3 Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	30	26	4	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
301	Debris Impaction	4 FEET OF FAIR DEBRIS AT THE EXPOSED PORTIONS IN THE RIGHT & LEFT SHOULDERS.	2	4		Feet

General Comments

Span 4 Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	1,184	1,158	0	26	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER BENT 3.	3	26	26	Square Feet

General Comments

Span 4 — Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	30	26	4	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
301	Debris Impaction	4 FEET OF FAIR DEBRIS AT THE EXPOSED PORTIONS IN THE RIGHT & LEFT SHOULDERS.	2	4		Feet

General Comments

Span 5 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	1,184	1,152	0	32	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER BENT 4	3	26	26	Square Feet
510	Crack (Wearing Surface)	6 SQUARE FEET POOR LONGITUDINAL CRACKING FROM BENT 4 OUT @ THE CENTERLINE .	3	6	6	Square Feet

General Comments

Span 5 — Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	30	30	0	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

NO NOTEWORTHY DEFECTS @ THE EXTERIOR 2 Ft OVER SLABS 1 & 10.

Span 6 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	1,184	1,138	0	46	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	20 SQUARE FEET OF POOR LONGITUDINAL IN LANES & SHOULDERS.	3	20	20	Square Feet
510	Crack (Wearing Surface)	26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER BENT 5	3	26	26	Square Feet

General Comments

Span 6 — Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	30	30	0	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	

General Comments

NO NOTEWORTHY DEFECTS @ THE EXTERIOR 2 Ft OVER SLABS 1 & 10.

Span 7 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	1,184	1,154	4	26	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER BENT 6	3	26	26	Square Feet
510	Crack (Wearing Surface)	4 SQUARE FEET OF FAIR LONGITUDINAL CRACKING FROM BENT 7 BACK IN THE RIGHT SHOULDER.	2	4	4	Square Feet

General Comments

Span 7 — Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	30	26	4	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
301	Debris Impaction	4 FEET OF FAIR DEBRIS AT THE EXPOSED PORTIONS IN THE RIGHT & LEFT SHOULDERS.	2	4		Feet

General Comments

Span 7 — Slab 1

Prestressed Concrete Cored Slab

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	135	135	0	0	0	Square Feet
104	Prestressed Concrete Closed Web/Box Girder	45	44	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
104	Efflorescence/Rust Staining	1 FOOT OF FAIR EFFLORESCENCE AT THE TRANSVERSE CABLE PORT.	2	1		Feet

General Comments

Span 7 — Slab 10

Prestressed Concrete Cored Slab

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top Flange	135	135	0	0	0	Square Feet
104	Prestressed Concrete Closed Web/Box Girder	45	44	1	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
104	Efflorescence/Rust Staining	1 FOOT OF FAIR EFFLORESCENCE AT THE TRANSVERSE CABLE PORT.	2	1		Feet

General Comments

Span 8 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	1,204	1,173	0	31	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER BENT 7	3	26	26	Square Feet
510	Crack (Wearing Surface)	5 SQUARE FEET OF POOR LONGITUDINAL CRACKING FROM BENT 7 OUT IN THE RIGHT SHOULDER.	3	5	5	Square Feet

General Comments

Span 8 — Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	30	30	0	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

NO NOTEWORTHY DEFECTS @ THE EXTERIOR 2 Ft OVER SLABS 1 & 10.

Span 9 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	1,184	1,158	0	26	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER BENT 8	3	26	26	Square Feet

General Comments

Span 9 — Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	30	30	0	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	

General Comments

NO NOTEWORTHY DEFECTS @ THE EXTERIOR 2 Ft OVER SLABS 1 & 10.

Span 10 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	1,186	1,160	0	26	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER BENT 9	3	26	26	Square Feet

General Comments

Span 10 — Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	30	30	0	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	

General Comments

NO NOTEWORTHY DEFECTS @ THE EXTERIOR 2 Ft OVER SLABS 1 & 10.

Span 11 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	1,184	1,158	0	26	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER BENT 10.	3	26	26	Square Feet

General Comments

Span 11 — Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	30	30	0	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	

General Comments

NO NOTEWORTHY DEFECTS @ THE EXTERIOR 2 Ft OVER SLABS 1 & 10.

Span 12 — Wearing Surface

Epoxy Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	1,186	1,157	3	26	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER BENT 11.	3	26	26	Square Feet
510	Crack (Wearing Surface)	3 SQUARE FEET OF FAIR LONGITUDINAL CRACKING FROM BENT 12 BACK IN THE RIGHT SHOULDER.	2	3	3	Square Feet

General Comments

Span 12 — Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	30	30	0	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

NO NOTEWORTHY DEFECTS @ THE EXTERIOR 2 Ft OVER SLABS 1 & 10.

Span 13 — Wearing Surface

Asphalt Wearing Surface

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing Surface	1,197	1,141	30	26	0	Square Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER BENT 12	3	26	26	Square Feet
510	Crack (Wearing Surface)	26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER END BENT 2.	2	26	26	Square Feet
510	Crack (Wearing Surface)	4 SQUARE FEET OF FAIR ONGITUDINAL CRACKING FROM BENT 12 OUT IN THE RIGHT SHOULDER.	2	4	4	Square Feet

General Comments

Span 13 — Expansion Joint

Standard Joint

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
301	Pourable Joint Seal	30	30	0	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

General Comments

NO NOTEWORTHY DEFECTS @ THE EXTERIOR 2 Ft OVER SLABS 1 & 10.

End Bent 1 — Abutment

Reinforced Concrete Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	42	37	5	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
215	Cracking (RC and Other)	5' OF FAIR CRACKING @ THE RIGHT EXTERIOR PORTION.	2	5		Feet

General Comments

End Bent 1 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	42	0	42	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	42' OF FAIR CRACKING ALONG THE NORTH FACE.	2	42		Feet

General Comments

Bent 1 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	33	0	0	33	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	31' OF POOR UNSOUND PATCHING WITH CRACKS & ALONG THE LOWER PORTIONS & ENDS OF CAP.	3	31	31	Feet
234	Delamination/Spall	2' OF POOR SPALL TO 20" L X 6" H X 1" DEEP IN SPAN 1 FACE @ THE TOP CORNER BETWEEN SLABS 1 & 2	3	2	2	Feet

General Comments

Bent 2 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	33	0	0	33	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	33' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAINING ALONG THE CAP.	3	33	33	Feet

General Comments

Bent 2 — Pile 3

Prestressed Concrete Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestressed Concrete Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
226	Cracking (PSC)	U/W 8/29/16 RANDOM H/L CRACKING IN TIDAL ZONE.	2	1	5	Each

General Comments

Bent 2 — Pile 4

Prestressed Concrete Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestressed Concrete Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
226	Cracking (PSC)	U/W 8/29/16 RANDOM H/L CRACKING IN TIDAL ZONE.	2	1	5	Each

General Comments

End Bent 2 — Abutment

Reinforced Concrete Abutment

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinforced Concrete Abutment	42	38	4	0	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
215	Cracking (RC and Other)	4' OF FAIR CRACKING @ THE LEFT EXTERIOR.	2	4		Feet

General Comments

End Bent 2 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	33	0	0	33	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	33' OF POOR CRACKING ALONG THE SOUTH FACE.	3	33	33	Feet

General Comments

Bent 3 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	33	0	0	33	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty

234	Cracking (RC and Other)	33' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAINING ALONG THE CAP.	3	33	33	Feet

General Comments

Bent 3 — Pile 2

Prestressed Concrete Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestressed Concrete Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
226	Patched Area	2' OF FAIR SEALED CRACK IN THE NORTHEAST FACE.	2	1		Each

General Comments

Bent 3 — Pile 4

Prestressed Concrete Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestressed Concrete Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
226	Patched Area	2' OF FAIR SEALED CRACK IN THE NORTH FACE.	2	1		Each

General Comments

Bent 4 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	33	0	0	33	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	25' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAING ALONG CAP.	3	25		Feet
234	Delamination/Spall	2' OF POOR SPALL TO 8"L X 3" H X 4" W AND DELAMINATION TO 13" L X 3" H X 4" W @ THE BOTTOM EDGE NEAR PILE 1	3	2	2	Feet
234	Patched Area	6' OF POOR CROSS CAPS @ BENT 4 WITH UNSOUND PATCHES, RUST STAINS & SPALL ON SOUTHWEST CORNER OF CROSSCAP 1 TO 14" HIGH X 4" WIDE.	3	6	6	Feet

General Comments

Bent 4 — Pile 1

Prestressed Concrete Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestressed Concrete Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
226	Patched Area	6' OF FAIR SEALED CRACKS @ THE SOUTH FACE, SOUTHWEST FACE & WEST FACE.	2	1		Each
226	Patched Area	U/W 8/29/16 PREVIOUS CRACKING ON FACES 1 AND 2 HAVE BEEN SEALED	1	1		Each

General Comments

Bent 4 Pile 2

Prestressed Concrete Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestressed Concrete Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
226	Patched Area	2' OF FAIR SEALED CRACK IN THE EAST FACE.	2	1		Each

General Comments

Bent 4 Pile 6

Prestressed Concrete Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestressed Concrete Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
226	Patched Area	2' OF FAIR SEALED CRACK IN THE EAST FACE.	2	1		Each

General Comments

Bent 5 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	33	0	0	33	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	33' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAINING ALONG THE CAP.	3	33	33	Feet

General Comments

Bent 5 Pile 1

Prestressed Concrete Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestressed Concrete Pile	1	-1	2	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
226	Patched Area	2' OF FAIR SEALED CRACK IN THE SOUTH FACE.	2	2		Each

General Comments

Bent 5 Pile 2

Prestressed Concrete Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestressed Concrete Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
226	Cracking (PSC)	U/W 8/29/16 H/L- 1/32" CRACK AT F-1 FROM 3' TO 7' AM/L.	2	1		Each

General Comments

Bent 5 Pile 4

Prestressed Concrete Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestressed Concrete Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
226	Cracking (PSC)	U/W 8/29/16 H/L TO 1/8" CRACK ON F-1 FROM THE M/L TO 18" AW/L. H/L - 1/64" CRACK ON F-8 FROM 18" AW/L TO 18" BW/L.	2	1	5	Each

General Comments

Bent 6 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	33	0	0	33	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	33' OF POOR UNSOUND PATCHING WITH CRACKING BLEEDING THRU & UNSEALED.	3	33	33	Feet

General Comments

Bent 6 Pile 3

Prestressed Concrete Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestressed Concrete Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
226	Cracking (PSC)	U/W 8/29/16 H/L - 1/16" CRACK ON F-1 FROM THE M/L UP 14'. MULTIPLE H/L TO 1/32" CRACKING ON FACES 1 - 5 FROM THE M/L UP 36".	2	1	14	Each

General Comments

Bent 7 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	33	0	0	33	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Patched Area	33' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAINING ALONG THE CAP.	3	33	33	Feet

General Comments

Bent 7 Pile 1

Prestressed Concrete Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestressed Concrete Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
226	Cracking (PSC)	U/W 8/29/16 H/L - 1/32" CRACK ON F-1 FROM 18" AW/L TO 6' BELOW W/L. H/L - 1/32" CRACK ON F-2 FROM 18" AW/L TO 2' BW/L. H/L TO 1/32" CRACK WITH EFFLO. ON F-5 FROM THE M/L UP 2.0'. H/L - 1/32" CRACK ON F-8 FROM THE M/L UP 2.0'.	2	1	5	Each

General Comments

Bent 7 Pile 4

Prestressed Concrete Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestressed Concrete Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
226	Cracking (PSC)	U/W 8/29/16 MULTIPLE H/L TO 1/32" CRACKS ON F-2, FROM THE M/L UP 8.0'. H/L TO 1/32" CRACK ON F-3 FROM THE M/L UP 8'.	2	1	8	Each

General Comments

Bent 8 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	33	0	0	33	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	33' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAINING ALONG THE CAP.	3	33	33	Feet

General Comments

Bent 8 — Pile 2

Prestressed Concrete Pile

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestressed Concrete Pile	1	0	1	0	0	Each

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
226	Cracking (PSC)	U/W 8/29/16 H/L - 1/16" CRACK ON F-1 FROM THE M/L UP 10'. H/L - 1/64" CRACK ON F-4 FROM THE M/L UP 4'.	2	1	5	Each

General Comments

Bent 9 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	33	0	0	33	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Patched Area	33' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAINING ALONG THE CAP.	3	33	33	Feet

General Comments

Bent 10 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	33	0	0	33	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	31' OF POOR CRACKING & UNSOUND PATCHES ALONG FACES.	3	31	31	Feet
234	Delamination/Spall	2' OF POOR SPALL IN THE TOP LEFT RETAINING BLOCK TO 28" LONG X 6- 10" WIDE X 1/2- 3/4" DEEP	3	2	2	Feet

General Comments

Bent 11 — Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	33	0	0	33	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	33' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAINING ALONG THE CAP.	3	33	33	Feet

General Comments

Bent 12 Cap 1

Reinforced Concrete Pier Cap

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Concrete Pier Cap	33	0	0	33	0	Feet

Element Number	Defect Type	Defect Description	CS	CS Qty	Maint Qty	
234	Cracking (RC and Other)	33' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAINING ALONG THE CAP.	3	33	33	Feet

General Comments

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 1	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 1	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 1	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 1	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 1	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 1	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 1	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 1	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 1	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 1	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 1	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 1	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 1	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 1	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 1	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 1	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 1	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 1	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 1	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 1	Left Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 1	Right Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1197
Span 2	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 2	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 2	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 2	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 2	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 2	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 2	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 2	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 2	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 2	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 2	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 2	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 2	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 2	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 2	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 2	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 2	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 2	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 2	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 2	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 2	Left Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 2	Right Bridge Rail	Steel Rail	Metal Bridge Railing	46

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 2	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1184
Span 3	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 3	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 3	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 3	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 3	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 3	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 3	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 3	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 3	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 3	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 3	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 3	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 3	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 3	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 3	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 3	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 3	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 3	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 3	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 3	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 3	Left Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 3	Right Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 3	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1184
Span 4	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 4	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 4	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 4	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 4	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 4	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 4	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 4	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 4	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 4	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 4	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 4	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 4	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 4	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 4	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 4	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 4	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 4	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 4	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 4	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 4	Left Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 4	Right Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 4	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1184
Span 5	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 5	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 5	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 5	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 5	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 5	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 5	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 5	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 5	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 5	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 5	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 5	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 5	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 5	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 5	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 5	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 5	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 5	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 5	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 5	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 5	Left Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 5	Right Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 5	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 5	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1184
Span 6	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 6	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 6	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 6	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 6	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 6	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 6	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 6	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 6	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 6	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 6	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 6	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 6	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 6	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 6	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 6	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 6	Left Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 6	Right Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 6	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 6	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1184
Span 7	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 7	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 7	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 7	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 7	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 7	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 7	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 7	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 7	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 7	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 7	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 7	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 7	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 7	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 7	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 7	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 7	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 7	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 7	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 7	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 7	Left Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 7	Right Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 7	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 7	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1184
Span 8	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 8	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 8	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 8	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 8	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 8	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 8	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 8	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 8	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 8	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 8	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 8	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 8	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 8	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 8	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 8	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 8	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 8	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 8	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 8	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 8	Left Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 8	Right Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 8	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1204
Span 9	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 9	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 9	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 9	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 9	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 9	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 9	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 9	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 9	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 9	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 9	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 9	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 9	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 9	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 9	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 9	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 9	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 9	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 9	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 9	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 9	Left Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 9	Right Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 9	Expansion Joint	Standard Joint	Pourable Joint Seal	30
Span 9	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1184
Span 10	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 10	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 10	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 10	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 10	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 10	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 10	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 10	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 10	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 10	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 10	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 10	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 10	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 10	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 10	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 10	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 10	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 10	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 10	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 10	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 10	Left Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 10	Right Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 10	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1186
Span 11	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 11	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 11	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 11	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 11	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 11	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 11	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 11	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 11	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 11	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 11	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 11	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 11	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 11	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 11	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 11	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 11	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 11	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 11	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 11	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 11	Left Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 11	Right Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 11	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1184
Span 12	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 12	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 12	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 12	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 12	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 12	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 12	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 12	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 12	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 12	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 12	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 12	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 12	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 12	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 12	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 12	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 12	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 12	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 12	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 12	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 12	Left Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 12	Right Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 12	Wearing Surface	Epoxy Wearing Surface	Wearing Surface	1186
Span 13	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 13	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 13	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 13	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 13	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 13	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 13	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 13	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 13	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 13	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 13	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 13	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 13	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 13	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 13	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 13	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 13	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 13	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 13	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	135
Span 13	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	45
Span 13	Left Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 13	Right Bridge Rail	Steel Rail	Metal Bridge Railing	46
Span 13	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1197
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
Bent 1	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 1	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 1	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 1	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	42
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	42
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
Bent 2	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 2	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 2	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 2	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33

Elements Verfied

Location	Name	Component	Element Name	Amount
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	42
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
Bent 3	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
Bent 4	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Pile 5	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Pile 6	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 5	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
Bent 5	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 5	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 5	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 5	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 6	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
Bent 6	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 6	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 6	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 6	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 7	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
Bent 7	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 7	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 7	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 7	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 8	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
Bent 8	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 8	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 8	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 8	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 9	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
Bent 9	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 9	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 9	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 9	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 9	Pile 5	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 9	Pile 6	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 10	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
Bent 10	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 10	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 10	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 10	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Bent 11	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
Bent 11	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 11	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 11	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 11	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 12	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	33
Bent 12	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 12	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 12	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 12	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1

General Inspection Notes

Span 10 Expansion Joint

NO NOTEWORTHY DEFECTS @ THE EXTERIOR 2 Ft OVER SLABS 1 & 10.

Span 11 Expansion Joint

NO NOTEWORTHY DEFECTS @ THE EXTERIOR 2 Ft OVER SLABS 1 & 10.

Span 12 Expansion Joint

NO NOTEWORTHY DEFECTS @ THE EXTERIOR 2 Ft OVER SLABS 1 & 10.

Span 13 Expansion Joint

NO NOTEWORTHY DEFECTS @ THE EXTERIOR 2 Ft OVER SLABS 1 & 10.

Span 5 Expansion Joint

NO NOTEWORTHY DEFECTS @ THE EXTERIOR 2 Ft OVER SLABS 1 & 10.

Span 6 Expansion Joint

NO NOTEWORTHY DEFECTS @ THE EXTERIOR 2 Ft OVER SLABS 1 & 10.

Span 8 Expansion Joint

NO NOTEWORTHY DEFECTS @ THE EXTERIOR 2 Ft OVER SLABS 1 & 10.

Span 9 Expansion Joint

NO NOTEWORTHY DEFECTS @ THE EXTERIOR 2 Ft OVER SLABS 1 & 10.

National Bridge and NC Inspection Items

Structure Number: 150096 **Inspection Date:** 05/07/2019

National Bridge Inventory Items

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

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	**F**	**15442**	**3376**
Drainage System	G, F, P, or C	**F**	**0**	**3332**
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	**F**	**1440**	**3352**
Scour	G, F, P, or C	**F**		
Wingwall	G, F, P, or C		**0**	**3350**
Field Scour Evaluation		**F**		
Drift	G, F, P, or C	**G**	**0**	**3366**
Fender System	G, F, P, or C			
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	**G**		
Estimated Remaining Life	0 - 100 Years			
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	**N**
Priority Maintenance Request Submitted	YES/NO	**N**
Inspection Time	Hours	**8**
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	**N**
Bucket Truck Used	YES/NO	**N**
Boat Used	YES/NO	**Y**
Other Equipment Used	YES/NO	**Y**

National Bridge and NC SMU Inspection Item Details

Structure Number: 150096 **Inspection Date:** 05/07/2019

Item	Substructure - Item 60	**Grade**	5	**Maint Code**		**Qty.**	0
Details	SEE CURRENT DIVERS INSPECTION REPORT						
Item	Presently Posted	**Grade**	N	**Maint Code**		**Qty.**	0
Details	NOT POSTED						
Item	Boat Used	**Grade**	Y	**Maint Code**		**Qty.**	0
Details	19' BOAT						
Item	Other Equipment Used	**Grade**	Y	**Maint Code**		**Qty.**	0
Details	DAILY INSPECTION TOOLS.						
Item	Deck Debris	**Grade**	F	**Maint Code**	3376	**Qty.**	15442
Details	DEBRIS ALONG SHOULDERS.						
Item	Drainage System	**Grade**	F	**Maint Code**	3332	**Qty.**	0
Details	SOME DRAINAGE RESTRICTED BY DEBRIS. MAINTENANCE COVERED BY DEBRIS.						
Item	Slope Protection	**Grade**	F	**Maint Code**	3352	**Qty.**	1440
Details	RIP RAP ALONG SLOPES WITH SEAWALLS IN SPANS 1&12						
Item	Scour	**Grade**	F	**Maint Code**		**Qty.**	0
Details	SOME LOSS NOTED. AT RANDOM BENTS. SEE PROFILE SOUNDINGS.						
Item	General Comments and Misc Items	**Grade**	G	**Maint Code**		**Qty.**	0
Details	REPAIRS AT BOTH APPROACHES.						

SOUTH APPROACH ROADWAY PATCHED IN THE RIGHT LANE & SHOULDER TO 30' LONG X 12' PAVED & 6' SHOULDER WIDE.

DEBRIS AT SHOULDERS.

Span 1 Wearing Surface: 26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER END BENT 1.

Span 2 Wearing Surface: 25 SQUARE FEET OF FAIR LONGITUDINAL CRACKING IN SHOULDERS & LANES.

Span 2 Wearing Surface: 26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER BENT 1. SIMILAR OVER ALL INTERIOR BENTS.

Span 3 Wearing Surface: 12 SQUARE FEET OF FAIR LONGITUDINAL CRACKING IN THE RIGHT SHOULDER NEAR BENTS.

Expansion Joint : 4 FEET OF FAIR DEBRIS AT THE EXPOSED PORTIONS IN THE RIGHT & LEFT SHOULDERS.

Span 6 Wearing Surface: 20 SQUARE FEET OF POOR LONGITUDINAL IN LANES & SHOULDERS.

Span 13 Wearing Surface: 26 SQUARE FEET OF POOR TRANSVERSE CRACKING OVER END BENT 2.

SIMILAR SLAB DOWELS IN SLABS 1 & 10 IN ALL SPANS.

SIMILAR SEAWALL IN SPAN 1 WITH UNSOUND PATCHING, CRACKING & RUST STAINING.

Bent 1 Cap 1: 31' OF POOR UNSOUND PATCHING WITH CRACKS & ALONG THE LOWER PORTIONS & ENDS OF

Bent 1 Cap 1: 2' OF POOR SPALL TO 20" L X 6" H X 1" DEEP IN SPAN 1 FACE @ THE TOP CORNER BETWEEN SLABS 1 & 2

Span 2 Slab 1: 1 FOOT OF POOR EFFLORESCENCE @ THE 1/3 TRANSVERSE CABLE PORT.

Bent 2 Cap 1: 33' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAINING ALONG THE CAP.

Bent 3 Cap 1: 33' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAINING ALONG THE CAP.

Bent 4 Cap 1: 6' OF POOR CROSS CAPS @ BENT 4 WITH UNSOUND PATCHES, RUST STAINS & SPALL ON SOUTHWEST CORNER OF CROSSCAP 1 TO 14" HIGH X 4" WIDE.

Bent 4 Cap 1: 2' OF POOR SPALL TO 8"L X 3" H X 4" W AND DELAMINATION TO 13" L X 3" H X 4" W @ THE BOTTOM EDGE NEAR PILE 1

Bent 5 Cap 1: 33' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAINING ALONG THE CAP.

Bent 6 Cap 1: 33' OF POOR UNSOUND PATCHING WITH CRACKING BLEEDING THRU & UNSEALED.

Bent 7 Cap 1: 33' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAINING ALONG THE CAP.

Bent 8 Cap 1: 33' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAINING ALONG THE CAP.

Bent 9 Cap 1: 33' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAINING ALONG THE CAP.

Bent 10 Cap 1: 31' OF POOR CRACKING & UNSOUND PATCHES ALONG FACES.

Bent 11 Cap 1: 33' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAINING ALONG THE CAP.

Bent 12 Cap 1: 33' OF POOR UNSOUND PATCHING WITH CRACKING & RUST STAINING ALONG THE CAP.

SIMILAR SEAWALL IN SPAN 12 WITH UNSOUND PATCHING, CRACKING & RUST STAINING.

End Bent 2 Cap 1: 33' OF POOR CRACKING ALONG THE SOUTH FACE.

End Bent 2 Abutment/Backwall : 4' OF FAIR CRACKING @ THE LEFT EXTERIOR.

Bent 10 Cap 1: 2' OF POOR SPALL IN THE TOP LEFT RETAINING BLOCK TO 28" LONG X 6- 10" WIDE X 1/2- 3/4" DEEP

Bent 4 Pile 1: 6' OF FAIR SEALED CRACKS @ THE SOUTH FACE, SOUTHWEST FACE & WEST FACE.

LOOKING NORTH

SIMILAR RAILS.

UPSTREAM EAST

DOWNSTREAM WEST

LOOKING SOUTH OFF STRUCTURE.

LOOKING NORTH OFF STRUCTURE.

LOOKING SOUTH

WEST SIDE

END BENT 1

BENT 1

BENT 4, SIMILAR BENT 9.

SPAN UNDERSIDE. SIMILAR IN ALL SPANS.

END BENT 2

EAST SIDE

Stream Bed Soundings

(Profile diagram on following sheet)

County **CARTERET** Structure Number: **150096** Inspection Date **05/07/2019**

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

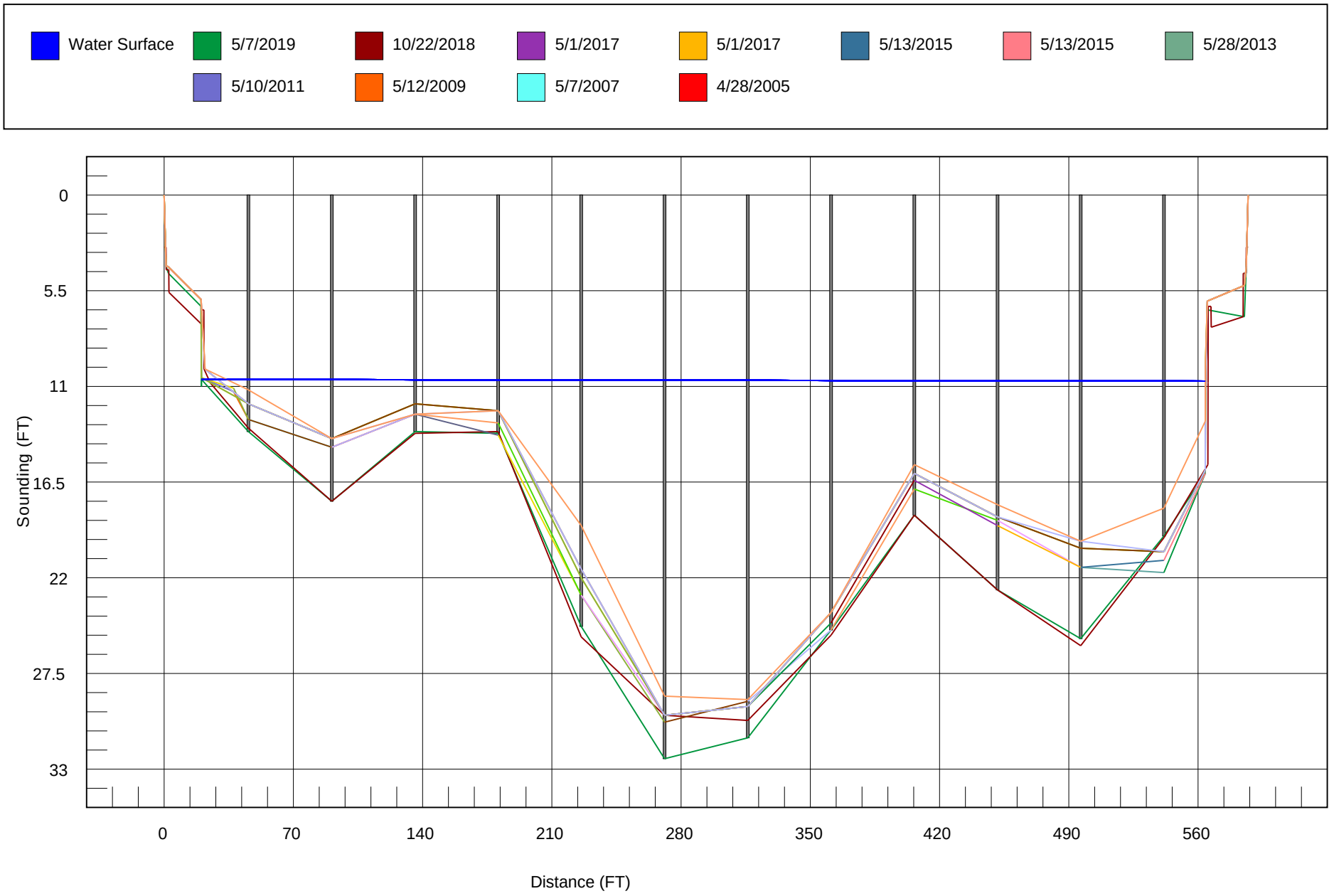
Highwater Mark Distance Location of Highwater Mark

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	0.000	0.000	
1.000	4.100	4.100	TOP OF CAP
2.300	4.500	5.000	TOP OF RIP RAP
20.000	6.400	6.700	TOP OF SEAWALL
20.200	10.600	0.000	WSWE/ EAST
20.200	11.000	10.800	GROUND AT SEAWALL
45.600	13.600	12.200	BENT 1
90.800	17.600	18.300	BENT 2
135.900	13.600	14.400	BENT 3
180.900	13.700	14.000	BENT 4
225.900	24.800	25.700	BENT 5
271.000	32.400	33.500	BENT 6
316.100	31.200	33.100	BENT 7
361.200	25.000	25.100	BENT 8
406.300	18.400	18.200	BENT 9
451.400	22.700	22.400	BENT 10
496.400	25.500	23.800	BENT 11
541.500	19.600	17.700	BENT 12
563.900	16.000	15.200	BED
564.000	10.700	0.000	WSWE
565.000	6.600	6.600	TOP OF SEAWALL
585.100	7.000	5.500	TOP OF RIP RAP
586.100	4.100	4.100	TOP OF CAP
587.100	0.000	0.000	

Bridge: 150096 County: CARTERET Date: 05/07/2019

STREAMBED PROFILE (Downstream)

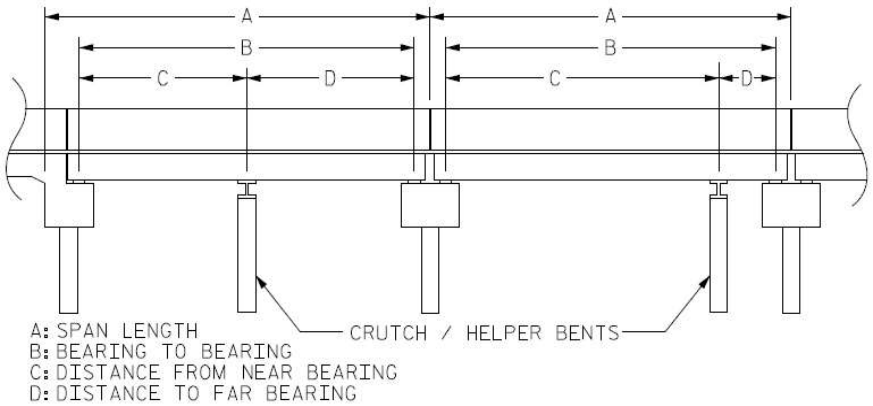
Top of Rail = 0FT (Sounding)



Structure Data Worksheet

Span Profile

County: **CARTERET** Structure Number: **150096**



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	45.583	44.084			
2	45.083	44.083			
3	45.083	44.083			
4	45.083	44.083			
5	45.083	44.083			
6	45.083	44.083			
7	45.083	44.083			
8	45.833	44.083			
9	45.083	44.083			
10	45.083	44.083			
11	45.083	44.083			
12	45.083	44.083			
13	45.583	44.083			

NATIONAL BRIDGE INVENTORY-------- STRUCTURE INVENTORY AND APPRAISAL Run Date: 05/31/2019

IDENTIFICATION

(1) STATE NAME -NORTH CAROLINA BRIDGE **150096**
(8) STRUCTURE NUMBER(FEDERAL) 000000000310096
(5) INVENTORY ROUTE (ON/UNDER) - ON 31013350
(2) STATE HIGHWAY DEPARTMENT DISTRICT 2
(3) COUNTY CODE 31 (4) PLACE CODE 0
(6) FEATURE INTERSECTED - THE STRAITS
(7) FACILITY CARRIED SR1335
(9) LOCATION 0.3 MI SW OF JCT SR 1339
(11)MILEPOINT 0
(16)LAT 34° 43' 13.64" (17)LONG 76° 34' 32.60"
(98)BORDER BRIDGE STATE CODE PCT SHARE
(99)BORDER BRIDGE STRUCTURE NO

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN: Prestressed Concrete
TYPE - Slab CODE 501
(44) STRUCTURE TYPE APPR :
TYPE - CODE 000
(45) NUMBER OF SPANS IN MAIN UNIT 13
(46) NUMBER OF APPROACH SPANS
(107)DECK STRUCTURE TYPE - 2 CODE
(108)WEARING SURFACE / PROTECTIVE SYSTEM :
(A) TYPE OF WEARING SURFACE - Bituminous CODE 6
(B) TYPE OF MEMBRANE - None CODE 0
(C) TYPE OF DECK PROTECTION - Epoxy Coating Reinforcing CODE 1

AGE AND SERVICE

(27) YEAR BUILT 1970
(106)YEAR RECONSTRUCTED 2013
(42) TYPE OF SERVICE : ON - Highway
UNDER - Waterway CODE 15
(28) LANES: ON STRUCTURE 4 UNDER STRUCTURE 0
(29) AVERAGE DAILY TRAFFIC 3600
(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT 7%
(19) BYPASS OR DETOUR LENGTH 99 MI

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN 44 FT
(49) STRUCTURE LENGTH 587 FT
(50)CURB OR SIDEWALK: LEFT 0 FT RIGHT 0 FT
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 26.25 FT
(52) DECK WIDTH OUT TO OUT 30 FT
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 24 FT
(33) BRIDGE MEDIAN - No Median CODE 0
(34) SKEW 0° (35) STRUCTURE FLARED 0
(10) INVENTORY ROUTE MIN VERT CLEAR 999.9 FT
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 26.25 FT
(53) MIN VERT CLEAR OVER BRIDGE RDWY 999.9 FT
(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad 0 FT
(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad 000 FT
(56) MIN LAT UNDERCLEAR LT REF - 000 FT

NAVIGATION DATA

(38) NAVIGATION CONTROL - No Navigational Control CODE 0
(111)PIER PROTECTION - CODE
(39) NAVIGATION VERTICAL CLEARANCE 0
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR FT
(40) NAVIGATION HORIZONTAL CLEARANCE 0 FT

SUFFICIENCY RATING = 49
STATUS = Functionally Obsolete

CLASSIFICATION — CODE

(112)NBIS BRIDGE SYSTEM - YES
(104)HIGHWAY SYSTEM Is not on NHS 0
(26) FUNCTIONAL CLASS - Major Collector 07
(100)STRAHNET HIGHWAY - Not a STRAHNET Route 0
(101)PARALLEL STRUCTURE - No Parallel Structure N
(102)DIRECTION OF TRAFFIC - 2-way Traffic 2
(103)TEMPORARY STRUCTURE -
(110)DESIGNATED NATIONAL NETWORK - Not on the National Network 0
(20) TOLL On Free Road 3
(31) MAINTAIN - State Highway Agency 01
(22) OWNER - State Highway Agency 01
(37) HISTORICAL SIGNIFICANCE - Not Eligible 5

CONDITION — CODE

(58) DECK 7
(59) SUPERSTRUCTURE 7
(60) SUBSTRUCTURE 5
(61) CHANNEL & CHANNEL PROTECTION 7
(62) CULVERTS N

LOAD RATING AND POSTING — CODE

(31) DESIGN LOAD HL 93 A
(63) OPERATING RATING METHOD - Load and Resistance Factor 3
(64) OPERATING RATING - HS-37 67
(65) INVENTORY RATING METHOD - Load and Resistance Factor 3
(66) INVENTORY RATING - HS-27 48
(70) BRIDGE POSTING - No Posting Required 5
(41) STRUCTURE OPEN, POSTED ,OR CLOSED A
DESCRIPTION - Open, No Restriction

APPRAISAL — CODE

(67) STRUCTURAL EVALUATION 5
(68) DECK GEOMETRY 2
(69) UNDERCLEARANCES,VERTI & HORIZ N
(71) WATERWAY ADEQUACY 7
(72) APPROACH ROADWAY ALIGNMENT 8
(36) TRAFFIC SAFETY FEATURES 0011
(113)SCOUR CRITICAL BRIDGES 5

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 7200 (115) YEAR FUTURE ADT 2025

INSPECTIONS

(90) INSPECTION DATE 05/07/2019
(92) CRITICAL FEATURE INSPECTION : (93) CFI DATE
A) FRACTURE CRIT DETAIL - NO A)
B) UNDERWATER INSP - YES 48Mo B) 08/29/2016
C) OTHER SPECIAL INSP NO C)
SCOUR

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE Run Date: 05/31/2019

COUNTY :	DIVISION :	DISTRICT:	STRUCTURE NUMBER :	LENGTH :
CARTERET	2	2	150096	587 FEET

ROUTE CARRIED : SR1335

FEATURE INTERSECTED : THE STRAITS

LOCATED : 0.3 MI SW OF JCT SR 1339

BRIDGE NAME :

CITY :

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :		RAIL TYPE :			
07	FA	NFA	3600	2015	LT	233	RT	233

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1970	SHC	6.801771		HL 93

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :		
2013	DOH		TAN.	90	ON 4	UNDER	0

NAVIGATION :				HT. CRN. TO BED :		WATER DEPTH :	
VC	0 FT	HC	0 FT	30 FT		22	FT

SUPERSTRUCTURE : PRESTRESSED CONCRETE CORED SLAB

SUBSTRUCTURE : E.BTS&INT.BTS:RC CAPS/PRESTR.CONC.PILES @ VARY.CTS.

SPANS : 1@45'-7";11@45'-1";1@45'-7"

BEAMS OR GIRDERS : 10 LNS. OF 36" PRESTRESSED CONCRETE CORED SLAB SECTIONS

FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
PPC CS 1.5" AWS		30 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :			
26.25 FT	26.25 FT	LT	0 FT	RT	0 FT

VERT.CL.OVER : 999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :			
HS-27	HS-37	cored slab	SV	TTST	DATE	08/19/2013

SYSTEM :	GREEN LINE ROUTE :
Secondary S.R. Route	N

UNDER ROUTES AND CLEARANCES

REMARKS :

Bridge Inspection Field Sketch

Roadway	21.333ft Wide	2 Paved Lanes	Looking North
Left Shoulder	13ft Wide	1ft Paved	12ft Unpaved
Right Shoulder	13.417ft Wide	1.417ft Paved	12ft Unpaved
Left Guardrail			
Right Guardrail			

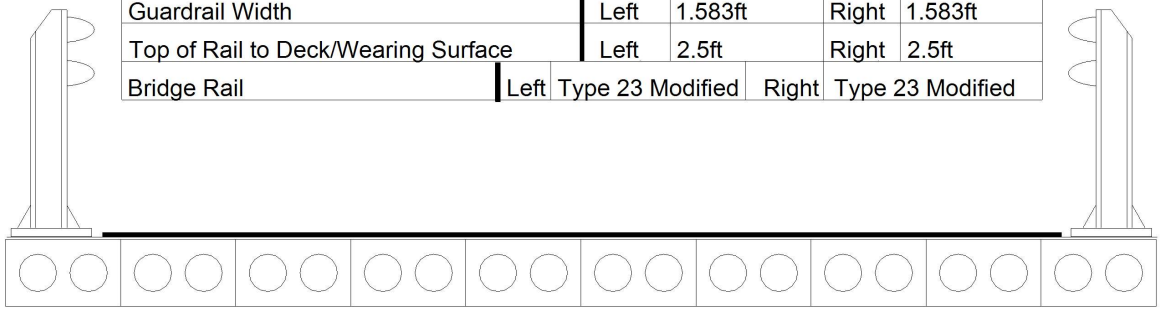
MEASURED 20' BACK FROM STRUCTURE BY; PD IPOCK, 5-7-2019

Title	**Description**
APPROACH ROAWAY	LOOKING NORTH/ SR 1335.

Bridge No:	**Drawn By:**	**Date:**	**File Name:**
150096	P.D.IPOCK	5-28-2013	S0050000736

Bridge Inspection Field Sketch

Deck Width/Out to Out	30ft	Between Rails			26.25ft
Clear Roadway	26.25ft	Wearing Surface			0.125ft
Median Width		Median Height			
Curb Height		Left		Right	
Sidewalk Width		Left		Right	
Clear Roadway (Rail to Median)		Left		Right	
Guardrail Width		Left	1.583ft	Right	1.583ft
Top of Rail to Deck/Wearing Surface		Left	2.5ft	Right	2.5ft
Bridge Rail	Left	Type 23 Modified	Right	Type 23 Modified	



SUPERSTRUCTURE REPLACED 2013.

Measurements for Span #	1	Similar In All Spans	
Deck Thickness	1.75	Left Overhang	0
Top of Rail to Bottom of Beam	4.375	Right Overhang	0

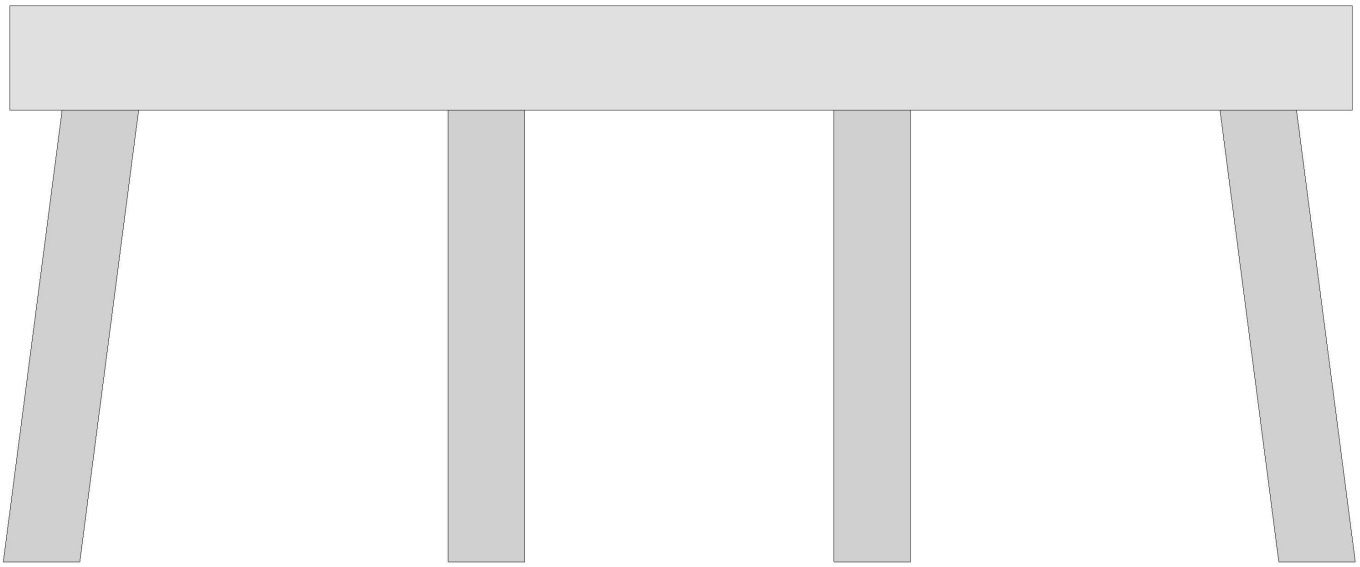
Number of Slabs	Slab Width	Slab Height	Comments
10	3ft	1.75ft	

PD IPOCK, 5-7-2019

Title	Description
SUPERSTRUCTURE/ SPAN 1	SECTION THRU.

Bridge No:	Drawn By:	Date:	File Name:
150096	P.D.IPOCK	5-28-2013	S0050000737

Bridge Inspection Field Sketch



Cap Information			Material Cast-in-Place Concrete			
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
32.167 ft.	3.000 ft.	2.500 ft.	2.167 ft.	2.250 ft.	1.084 ft.	1.084 ft.

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

Sill Information			Material
Length	Width	Height	

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	9.25 ft.	1.833 ft.			Battered	Yes	No	No	No
2	Concrete	9.25 ft.	1.833 ft.			Vertical	Yes	No	No	No
3	Concrete	9.25 ft.	1.833 ft.			Vertical	Yes	No	No	No
4	Concrete		1.833 ft.			Battered	Yes	No	No	No

PD IPOCK, 5-7-2019

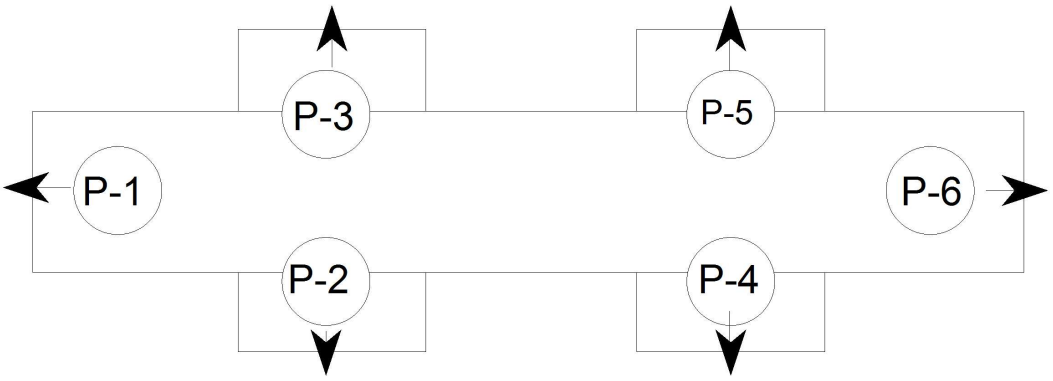
Bent/Abutment #: 1 Similar Bents: 2,3,5,6,7,8,10,11,12

Title	**Description**
SUBSTRUCTURE/ BT1.	SIMILAR BENTS. 1,2,3,5,6,7,8,10,11 & 12

Bridge No: 150096	**Drawn By:** P.D.IPOCK	**Date:** 5-13-2015	**File Name:** S0050000738

Bridge Inspection Field Sketch

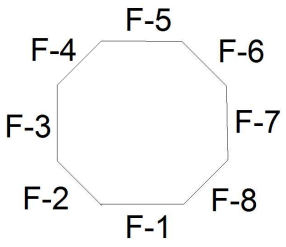
TOP VIEW OF BENT 4.

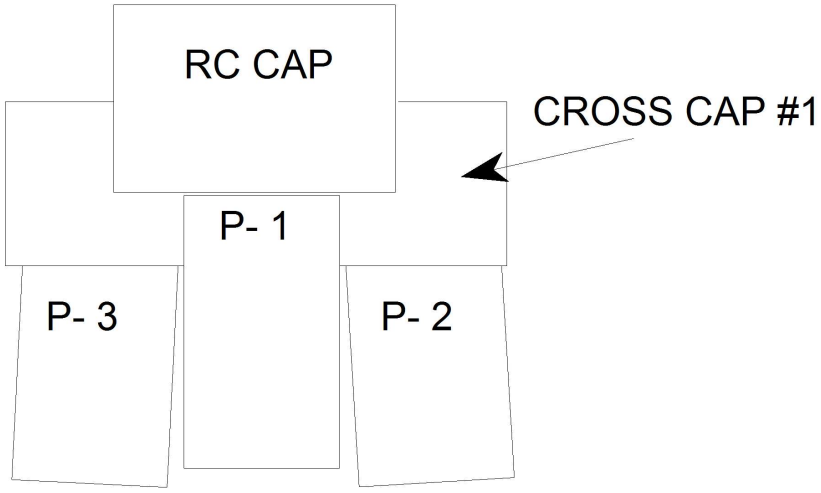


BENT # 4	BENT # 9 SIMILAR
RC CAP	
22" CONCRETE PILES	
ARROWS INDICATE DIRECTION OF BATTER.	
CROSS CAPS; 5.417' L X 3' H X 3' W	
SPACINGS FOR P-2 TO P-3 & P-4 TO P-5 IS 3'	

WEST END OF BENT 4.

OCTAGON PILE FACES;



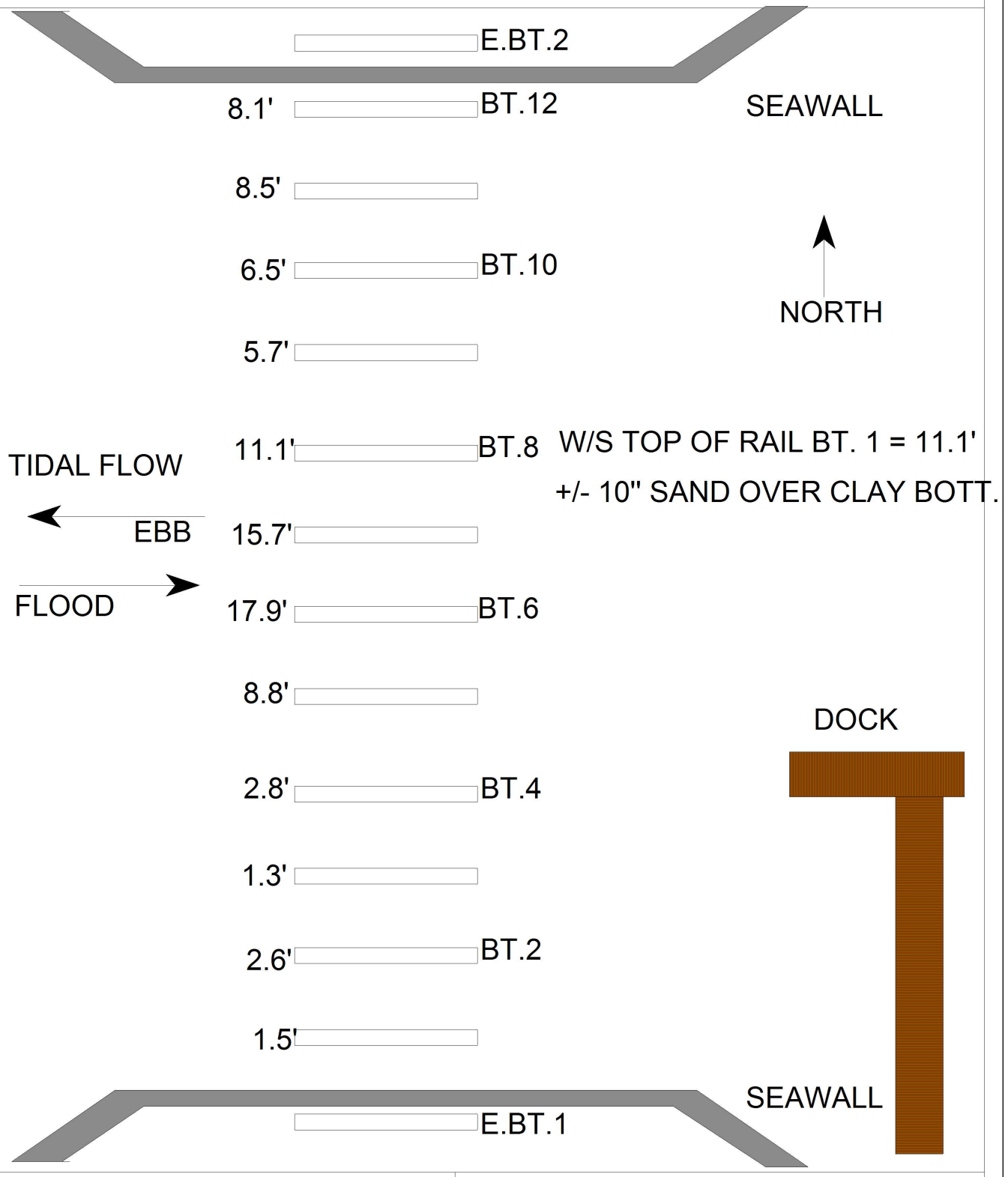


PD IPOCK, 5-7-2019

Title	Description
SUBSTRUCTURE/ BT.4 PLAN VIEW	SIMILAR BENTS 4,9.

Bridge No:	Drawn By:	Date:	File Name:
150096	P.D.IPOCK	5-10-11	S0050000739

Bridge Inspection Field Sketch



Title	Description
PLAN VIEW	TOP VIEW

Bridge No:	Drawn By:	Date:	File Name:
150096	PGR	5/12/2009	S0174012434

Bridge Inspection Field Sketch

CRACK SHEET

BENT	PILE	FACE	ABOVE W/L	BELOW W/L	CRACK SIZE
4	1	1,2	W/L TO CAP		H/L-1/8"
5	1	1		3' - 7' AM/L	H/L - 1/32"
5	2	1		M/L - HTM	H/L - 1/32"
5	2	5	18"	2' AM/L	H/L - 1/32"
5	4	1	18"	M/L	H/L - 1/8"
5	4	8	18"	18"	1/64"
6	3	1	18"	M/L UP 14'	H/L - 1/16"
6	3	1-5		M/L UP 36"	MULT. H/L - 1/32"
7	1	1	18"	6'	H/L - 1/32"
7	1	2	18"	2'	H/L - 1/32"
7	1	5		M/L UP 2.0'	H/L-1/32" EFFLO.
7	1	8		M/L UP 2'	H/L - 1/32"
7	4	2		M/L UP 8'	MULT. H/L-1/32"
7	4	3		M/L UP 8'	H/L - 1/32"
8	2	1		M/L UP 10'	H/L - 1/16"
8	2	4		M/L UP 4'	H/L - 1/64"

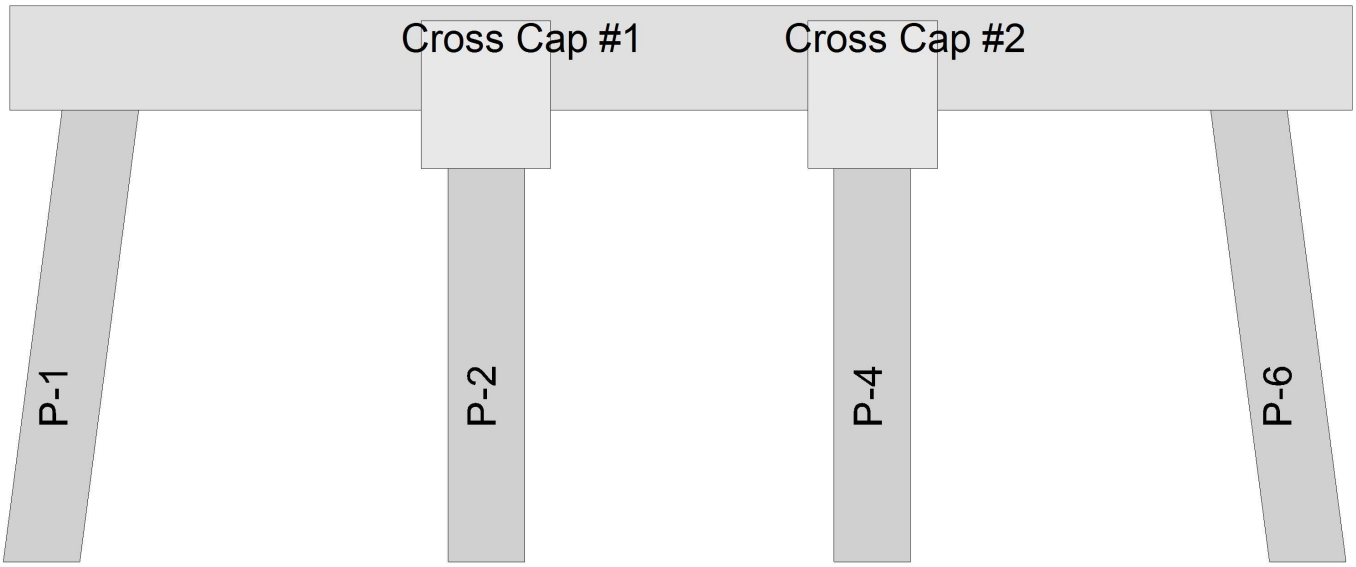
N/A

*LATENT CONCRETE ON B-7, P-1, F-4,5,6

Title	**Description**
CRACK SHEET	CRACK SHEET

Bridge No:	**Drawn By:**	**Date:**	**File Name:**
150096	PGR	8/28/2008	S0174012435

Bridge Inspection Field Sketch



Cap Information — Material: Cast-in-Place Concrete

Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.
32.167 ft.	3.000 ft.	2.500 ft.	2.167 ft.	2.250 ft.	1.084 ft.	1.084 ft.

Subcap Information — Material

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

Sill Information — Material

Length	Width	Height

Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	9.25 ft.	1.833 ft.			Battered W.	Yes	No	No	No
2	Concrete	3 ft.	1.833 ft.			Battered S.	Yes	No	No	No
3	Concrete	9.25 ft.	1.833 ft.			Battered N.	Yes	No	No	No
4	Concrete	3 ft.	1.833 ft.			Battered S.	Yes	No	No	No
5	Concrete	9.25 ft.	1.833 ft.			Battered N.	Yes	No	No	No
6	Concrete		1.833 ft.			Battered E.	Yes	No	No	No

PD IPOCK, 5-7-2019

Bent/Abutment #: 4 Similar Bents: 9

Title
SUBSTRUCTURE/ BT.4.

Description
BTS. 4&9 ARE SIMILAR WITH CROSS CAPS.

Bridge No:	Drawn By:	Date:	File Name:
150096	PD IPOCK	5/13/2015	S0050003443