

ATTENTION: NEWLY STRUCTURAL DEFICIENT. PARS ISSUED: BENT COLUMNS AND BENT LATERAL BRACING. CHANGES TO APPROACH ROADWAY AND TYPICAL

SECTION SKETCHES

# Structure Safety Report

## Routine Element Inspection - Contract

INSPECTION DATE: 06/20/2019

		INOI EGITON DA	00/20/2019				
DIVISION: 3	COUNTY: BRUNSW	ICK STRUCT	TURE NUMBER: 090015	FREC	QUENCY: 2	24 MONT	HS
FACILITY CARRIED	: NC179 BUS			MILE POST:			
LOCATION: 1.4 MI	. E. JCT. SR 1165						
FEATURE INTERSE	CTED: CALABASH R	IVER					
LATITUDE: 33° 53	3' 22.64"	LONGITUDE:	78° 32' 58"				
SUPERSTRUCTURE	E: PPC CORED SLA	В					
SUBSTRUCTURE:	E.BTS&INT.BTS:PPC	CAPS/STEEL PILES					
SPANS: 7 SPAN	S. SEE SPAN PROFI	LE SHEET FOR SPAN DE	ETAILS				
FRACTURE CR	RITICAL TEMPO	DRARY SHORING	SCOUR CRITICAL	SCOUR	PLAN OF A	CTION	
NBI GRADES:	DECK 6 SU	PERSTRUCTURE 7	SUBSTRUCTURE 4	CULVER	T <u>N</u>		
POSTED SV: Not	Posted		POSTED TTST: Not F	Posted			
OTHER SIGNS PRE	SENT:	S. Marie		O managina			Noorboo
			a selficitive	Sign noticed issued for			Number Required
				NO	WEIGHT	LIMIT	0
				NO	DELINEA	ATORS	0
	15.55			NO	NARROW E	BRIDGE	0
THE REAL PROPERTY.				NO	ONE LANE	BRIDGE	0
				NO_	LOW CLEA	RANCE	0
				INSF DIRI	CTION OF ECTION ECTION IES PLANS	W-E	PLANS
LOOKING STATIC	ONS AHEAD - EAST						
INSPECTED BY SHAWN AUSEL		SIGNATURE	Shul	ASSISTED BY	MASON BI	UMGARD	NER

# Structure Element Scoring

Structure Number: 090015 Inspection Date 6/20/2019

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
15	О	Prestressed Concrete Top Flange	Beam	8470	8470	О	О	0
104	0	Prestressed Concrete Closed Web/Box Gir	Beam	3080	3072	6	2	0
216	0	Timber Abutment	Abutments	80	36	4	40	0
225	0	Steel Pile	Piles and Columns	48	0	0	7	41
515	225	Steel Protective Coating	Piles and Columns	5592	3972	0	1620	0
233	0	Prestressed Concrete Pier Cap	Caps	264	177	2	85	0
301	0	Pourable Joint Seal	Expansion Joints	186	186	0	0	0
316	0	Other Bearings	Bearing Device	154	154	0	0	0
330	0	Metal Bridge Railing	Bridge Rail	564	558	6	0	0
515	330	Steel Protective Coating	Bridge Rail	564	549	0	15	0
510	0	Wearing Surface	Wearing Surfaces	8232	507	7680	45	0

# Summary of Maintenance Needs

## Maintenance By Defect

Structure Number: 090015 Inspection Date: 06/20/2019

MMS Code	Element Name	Defect Name	Recommended Quantity
3306	Prestressed Concrete Closed Web/Box	Delamination/Spall	8 Feet
3346	Timber Abutment	Decay/Section Loss	44 Feet
3354	Steel Pile	Corrosion	179 Each
3348	Prestressed Concrete Pier Cap	Exposed Prestressing	2 Feet
3348	Prestressed Concrete Pier Cap	Delamination/Spall	85 Feet
3322	Metal Bridge Railing	Damage	3 Feet
2816	Wearing Surface	Crack (Wearing Surface)	725 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	1620 Square Feet

## **Element Structure Maintenance Quantities**

Structure Number: 090015 Inspection Date 06/20/2019

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3346	Maintenance of Timber Bulkheads or Wingwalls	44	80	0	40	4	36
Beam	3306	Maintenance Concrete Superstructure Components	8	3080	0	2	6	3072
Beam	3326	Maintenance of Concrete Deck	0	8470	0	0	0	8470
Bearing Device	3334	Bridge Bearing	0	154	0	0	0	154
Bridge Rail	3322	Maintenance of Steel Bridge Rail	4	564	0	0	6	558
Bridge Rail	3342	Clean and Paint Steel	15	564	0	15	0	549
Caps	3348	Maintenance of Concrete Substructure	87	264	0	85	2	177
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	186	0	0	0	186
Piles and Columns	3342	Clean and Paint Steel	1620	5592	0	1620	0	3972
Piles and Columns	3354	Maintenance of Steel Substructure Components	179	48	41	7	0	0
Wearing Surfaces	2816	Asphalt Surface Repair	725	8232	0	45	7680	507
	1	1	1	l	1	1	1	1

### Element Condition and Maintenance Data

Structure Number: 090015 Inspection Date: 06/20/2019

0	- tanibon <u>5555.5</u>							a.c. <u>00/20/2010</u>
Spa	ın 1	Wearing Surf	ace					
Asp	halt Wearing Surfa	ace						
	ment mber Wearing	Element Name Surface	Total Qty 1,181	CS1 Qty 81	CS2 Qty 1,100	CS3 Qty 0	CS4 Qty 0 S	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descrip	tion		CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	SCATTERED LONGITUDINAL CRAC IN ASPHALT WEARING SURFACE U			2	100	100	Square Feet
510	Effectiveness (Wearing Surface)	MODERATE TO HEAVY WEAR THR	OUGHOUT.		2	1,000		Square Feet
•	General Comments							

Span 1		Left Bridge Rail						
Steel Ra	ail							
Element Number	Element Name	)	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		41	41	0	0	0	Feet
515	Steel Protective Coating		41	41	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

BRIDGE RAIL PAINTED SINCE LAST INSPECTION

Span 1		Right Bridge Rail						
Steel Ra	ail							
Element Number	Element Name	<b>)</b>	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		41	38	3	0	0	Feet
515	Steel Protective Coating		41	26	0	15	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

BRIDGE RAIL PAINTED SINCE LAST INSPECTION

Span 1		Slab 1						
Prestres	ssed Concrete Cored Slab							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concrete Top I	Flange	110	110	0	0	0	Square Feet
104	Prestressed Concrete Close	ed Web/Box Girder	40	40	0	0	0	Feet
Element Number	Defect Type	Defect Description	1		cs	CS Qty	Maint Qty	

Span	1 1	Slab 11						
Prest	tressed Concret	e Cored Slab						
Elem Numl		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestres	ssed Concrete Top Flange	110	110	0	0	0 Square F	eet
104	Prestre	ssed Concrete Closed Web/Box Girder	40	39	0	1	0 Feet	
lement Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
104	Delamination/Spall	SPALL (9IN H X 3IN W) AT FAR END ON	N RIGHT SIDE	≣	3	1	1 Feet	
G	General Comments							

Span 2	Wearing Surface

Aspl	halt Wearing Surfa	ce						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing S	Surface	1,174	69	1,100	5	0	Square Feet
Element Number	Dofoot Typo	Defect Descri	otion		CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	OPEN LONGITUDINAL CRACK (1/8 SPAN IN RIGHT LANE	IN X 5FT) CENTEF	R OF	3	5	Ę	5 Square Feet
510	Crack (Wearing Surface)	SCATTERED LONGITUDINAL CRACIN ASPHALT WEARING SURFACE			2	100	100	Square Feet
510	Effectiveness (Wearing Surface)	MODERATE TO HEAVY WEAR THE	OUGHOUT		2	1,000		Square Feet

General Comments

Span 2		Left Bridg	e Rail				
Steel R	ail						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
330	Metal I	Bridge Railing	40	37	3	0	0 Feet
515	Steel F	Protective Coating	40	40	0	0	0 Square Fe
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty
330 Dai	mage	DAMAGE (3' LONG) IN NORTH F	RAIL SPAN 2		2	3	3 Feet

General Comments

BRIDGE RAIL PAINTED SINCE LAST INSPECTION

Span 2		Right Bridge Rail						
Steel Ra	ail							
Element Number	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		40	40	0	0	0	Feet
515	Steel Protective Coating		40	40	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

Span 2	2 essed Concret	Slab 1 e Cored Slab					
Elemer Numbe	• •	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
15	Prestre	ssed Concrete Top Flange	110	110	0	0	0 Square Fe
104	Prestre	ssed Concrete Closed Web/Box Girder	40	39	0	1	0 Feet
lement lumber	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty
104 De	elamination/Spall	SPALL (6IN H X 3IN W) AT NEAR LEFT	END		3	1	1 Feet

**General Comments** 

#### WATER STAINING TO LEFT FASCIA BEAM FOR FULL LENGTH

Span 2		Slab 2					
Prestresse	d Concrete	e Cored Slab					
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
15	Prestres	ssed Concrete Top Flange	110	110	0	0	<ol><li>Square Feet</li></ol>
104	Prestres	ssed Concrete Closed Web/Box Girder	40	39	1	0	0 Feet
 Element Number De	efect Type	Defect Description	า		CS	CS Qty	Maint Qty
104 Delamin	nation/Spall	SLAB 2 UNDERSIDE IN SPAN 2, 4' FRO AREA 4" LONG X 2" WIDE X 1" DEEP	M BENT 2 SF	PALLED	2	1	1 Feet
General (	Comments						

Span 2		Slab 3					
Prestress	ed Concrete	e Cored Slab					
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
15	Prestres	ssed Concrete Top Flange	110	110	0	0	<ol><li>Square Feet</li></ol>
104	Prestres	ssed Concrete Closed Web/Box Girder	40	39	1	0	0 Feet
Element Number	Defect Type	Defect Description	1		CS	CS Qty	Maint Qty
104 Delam	ination/Spall	SLAB 3 UNDERSIDE IN SPAN 2, 6' FRO AREA 10" LONG X 2" WIDE X 1" DEEP	M BENT 2 SI	PALLED	2	1	1 Feet
		-					

General Comments

Span	2	Slab 6						
Prest	ressed Concrete	e Cored Slab						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestre	ssed Concrete Top Flange	110	110	0	0	0 \$	Square Feet
104	Prestre	ssed Concrete Closed Web/Box Girder	40	39	1	0	0 1	=eet
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	
104 E	Delamination/Spall	MINOR DELAMINATION (5IN X 5IN) AT SPAN.	RIGHT SIDE	AT MID-	2	1	1	Feet
	anaral Cammanta							

Spar	n 3			Wearing Surface	Э					
Aspl	halt \	Wearing Surfa	ce							
Elem Num			Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510		Wearing S	Surface		1,174	74	1,100	0	0 S	quare Feet
Element Number	-	Defect Type		Defect Description	1		cs	CS Qty	Maint Qty	
510	Crack Surfa	k (Wearing ace)		SITUDINAL CRACKIN RING SURFACE UP T	- ,		2	100	100	Square Feet
510	Effec Surfa	, ,	MODERATE TO HE	EAVY WEAR THROUG	SHOUT		2	1,000		Square Feet
(	Gener	al Comments								

Span 3		Left Bridge Rail						
Steel Ra	ail							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		40	40	0	0	0	Feet
515	Steel Protective Coating		40	40	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

BRIDGE RAIL PAINTED SINCE LAST INSPECTION

Span 3 Steel Ra	ail	Right Bridge Rail						
Element Number	Element Na	ame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		40	40	0	0	0	Feet
515	Steel Protective Coating		40	40	0	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

BRIDGE RAIL PAINTED SINCE LAST INSPECTION

Span 3		Slab 1						
Prestres	ssed Concrete Cored S	lab						
Element Number	Eleme	nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Concre	te Top Flange	110	110	0	0	0	Square Feet
104	Prestressed Concre	te Closed Web/Box Girder	40	40	0	0	0	Feet
Element Number	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	

Span 3		Slab 4						
Prestress	sed Concrete	e Cored Slab						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestre	ssed Concrete Top Flange	110	110	0	0	0	Square Feet
104	Prestre	ssed Concrete Closed Web/Box Girder	40	39	1	0	0	Feet
Element Number	Defect Type	Defect Description	า		CS	CS Qty	Maint Qty	
104 Delam	nination/Spall	SLAB 4 UNDERSIDE IN SPAN 3, 6' FRO AREA 10" LONG X 5" WIDE X 1" DEEP	M BENT 3 SI	PALLED	2	1	,	1 Feet
Genera	al Comments							

Span 3		Slab 5						
Prestressed	d Concret	e Cored Slab						
Element Number 15	Prestre	Element Name ssed Concrete Top Flange	Total Qty 110	CS1 Qty 110	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0	Square Feet
104	Prestre	ssed Concrete Closed Web/Box Girder	40	39	1	0	0	Feet
lement lumber Def	fect Type	Defect Description	n		CS	CS Qty	Maint Qty	
104 Delamina	ation/Spall	SLAB 5 UNDERSIDE IN SPAN 3, 4' FRO AREA 10" LONG X 2" WIDE X 1" DEEP.	M BENT 3 SI	PALLED	2	1	1	I Feet
General C	Comments							

	· ·	Surface					
ait wearing Sur	ace						
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Wearing	Surface	1,174	74	1,100	0	0 S	quare Feet
Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
`				2	100	100	Square Feet
Effectiveness (Wearin Surface)	g MODERATE TO HEAVY WEAR	THROUGHOUT		2	1,000		Square Feet
	ent oer Wearing  Defect Type  Crack (Wearing Surface)  Effectiveness (Wearin	ent ber Element Name Wearing Surface  Defect Type Defect Des  Crack (Wearing SCATTERED LONGITUDINAL C Surface) IN ASPHALT WEARING SURFACE  Effectiveness (Wearing MODERATE TO HEAVY WEAR	ent Element Name Qty Wearing Surface 1,174  Defect Type Defect Description  Crack (Wearing Surface IN ASPHALT WEARING SURFACE UP TO 1/16" WIDE Effectiveness (Wearing MODERATE TO HEAVY WEAR THROUGHOUT	ent Element Name Qty Qty Wearing Surface 1,174 74  Defect Type Defect Description  Crack (Wearing Surface IN ASPHALT WEARING SURFACE UP TO 1/16" WIDE Effectiveness (Wearing MODERATE TO HEAVY WEAR THROUGHOUT	ent Element Name Qty Qty Qty Wearing Surface 1,174 74 1,100  Defect Type Defect Description CS  Crack (Wearing SCATTERED LONGITUDINAL CRACKING / MAP CRACKING 2 IN ASPHALT WEARING SURFACE UP TO 1/16" WIDE  Effectiveness (Wearing MODERATE TO HEAVY WEAR THROUGHOUT 2	ent Element Name Qty Qty Qty Qty Qty Qty Qty Operation CS CS Qty  Defect Type Defect Description CS CS Qty  Crack (Wearing SCATTERED LONGITUDINAL CRACKING / MAP CRACKING 2 100 Surface) IN ASPHALT WEARING SURFACE UP TO 1/16" WIDE Effectiveness (Wearing MODERATE TO HEAVY WEAR THROUGHOUT 2 1,000	ent Element Name Qty

Span 4		Left Bridge Rail						
Steel Ra	ail							
Element Number	Element Nam	e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		40	40	0	0	0	Feet
515	Steel Protective Coating		40	40	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

Span 4		Right Bridge Rail						
Steel R	ail							
Element Number		e	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		40	40	0	0	0	Feet
515	Steel Protective Coating		40	40	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

**General Comments** 

BRIDGE RAIL PAINTED SINCE LAST INSPECTION

ement		Defect Description			CS	CS Qty	Maint	
104	Prestressed Cond	rete Closed Web/Box Girder	40	40	0	0	0	Feet
15	Prestressed Cond	rete Top Flange	110	110	0	0	0	Square Feet
Element Number	Eler	nent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	

General Comments

#### WATER STAINING TO LEFT FASCIA BEAM FOR FULL LENGTH

Span	5	Wearing	Surface					
Asph	alt Wearing Surf	ace						
Elem Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	Surface	1,174	54	1,080	40	0 S	quare Feet
Element Number	Defect Type	Defect De	escription		CS	CS Qty	Maint Qty	
	Crack (Wearing Surface)	FULL LENGTH OPEN LONGITU FROM RIGHT LINE	JDINAL CRACK (1/4IN)	), 2.5FT	3	40	40	Square Feet
	Crack (Wearing Surface)	SCATTERED LONGITUDINAL (IN ASPHALT WEARING SURFA			2	80	80	Square Feet
	Effectiveness (Wearing Surface)	MODERATE TO HEAVY WEAR	THROUGHOUT		2	1,000		Square Feet

Span 5		Left Bridge Rail						
Steel Ra	ail							
Element Number		ne	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		40	40	0	0	0	Feet
515	Steel Protective Coating		40	40	0	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Span 5		Right Bridge Rail						
Steel Ra	ail							
Element Number		lame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		40	40	0	0	0	Feet
515	Steel Protective Coating		40	40	0	0	0	Square Feet
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

**General Comments** 

BRIDGE RAIL PAINTED SINCE LAST INSPECTION

Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS <sup>2</sup> Qty	
15	Prestressed Concrete Top Flange	110	110	0	0	0	Square Feet
104	Prestressed Concrete Closed Web/Box Girder	40	40	0	0	0	Feet

General Comments

#### WATER STAINING TO LEFT FASCIA BEAM FOR FULL LENGTH

6	Wearing	Surface					
alt Wearing Surf	ace						
ent oer Wearing	Element Name Surface	Total Qty 1,174	CS1 Qty 74	CS2 Qty 1,100	CS3 Qty 0	CS4 Qty 0 S	quare Feet
Defect Type	Defect De	escription		CS	CS Qty	Maint Qty	
Crack (Wearing Surface)	IN ASPHALT WEARING SURFA	ACE UP TO 1/16" WIDE		2	100	100	Square Feet
Effectiveness (Wearin Surface)	g MODERATE TO HEAVY WEAR	THROUGHOUT		2	1,000		Square Feet
	alt Wearing Surfeet  Wearing  Defect Type  Crack (Wearing Surface)  Effectiveness (Wearing	alt Wearing Surface  ent ber Element Name Wearing Surface  Defect Type Defect De Crack (Wearing SCATTERED LONGITUDINAL OF IN ASPHALT WEARING SURFALENGTH HAIRLINE CRACK IN Effectiveness (Wearing MODERATE TO HEAVY WEAR	alt Wearing Surface  ent Element Name Qty Wearing Surface 1,174  Defect Type Defect Description  Crack (Wearing Surface) SCATTERED LONGITUDINAL CRACKING / MAP CRACKING (Wearing IN ASPHALT WEARING SURFACE UP TO 1/16" WIDE LENGTH HAIRLINE CRACK IN FAR HALF OF SPAN Effectiveness (Wearing MODERATE TO HEAVY WEAR THROUGHOUT	alt Wearing Surface  Ent Element Name Qty Qty Wearing Surface 1,174 74  Defect Type Defect Description  Crack (Wearing Surface) SCATTERED LONGITUDINAL CRACKING / MAP CRACKING IN ASPHALT WEARING SURFACE UP TO 1/16" WIDE. HALF LENGTH HAIRLINE CRACK IN FAR HALF OF SPAN  Effectiveness (Wearing MODERATE TO HEAVY WEAR THROUGHOUT	alt Wearing Surface  Ent Element Name Qty Qty Qty Wearing Surface 1,174 74 1,100  Defect Type Defect Description CS  Crack (Wearing SCATTERED LONGITUDINAL CRACKING / MAP CRACKING IN ASPHALT WEARING SURFACE UP TO 1/16" WIDE. HALF LENGTH HAIRLINE CRACK IN FAR HALF OF SPAN  Effectiveness (Wearing MODERATE TO HEAVY WEAR THROUGHOUT 2	alt Wearing Surface  Ent Element Name Qty	alt Wearing Surface  Ent Element Name Qty

Span 6		Left Bridge Rail						
Steel Ra	ail							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		40	40	0	0	0	Feet
515	Steel Protective Coating		40	40	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

Span 6		Right Bridge Rail						
Steel Ra	ail							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		40	40	0	0	0	Feet
515	Steel Protective Coating		40	40	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

**General Comments** 

BRIDGE RAIL PAINTED SINCE LAST INSPECTION

Prestressed Concrete Top Flange 110 110 0 0 0 Square Feet	104 ement	Prestressed Conc	rete Closed Web/Box Girder  Defect Descriptio	40	40	CS	0 CS Qty	Maint	Feet
Number Element Name Qty Qty Qty Qty Qty	-		,	_	_	-	_		•
Flement Total CS1 CS2 CS3 CS4	Number	Elen		Qty	Qty	Qty	Qty	Qty	
Prestressed Concrete Cored Slab			Siab	Total	CS1	CS2	CS3	CS4	
	Span 6		Slab 1						

General Comments

#### WATER STAINING TO LEFT FASCIA BEAM FOR FULL LENGTH

Span 6		Slab 8						
Prestresse	ed Concret	e Cored Slab						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestre	ssed Concrete Top Flange	110	110	0	0	0	Square Feet
104	Prestre	ssed Concrete Closed Web/Box Girder	40	39	1	0	0	Feet
Element Number D	efect Type	Defect Description	1		CS	CS Qty	Maint Qty	
104 Delami	nation/Spall	SPALLED AREA (1' LONG X 5" WIDE X BENT 6 IN SLAB 8 UNDERSIDE IN SPA		FROM	2	1		1 Feet
General	Comments							

Spa	an 7		Wearin	g Surface					
Asp	ohalt	Wearing Surf	ace						
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510		Wearing	Surface	1,181	81	1,100	0	0 8	Square Feet
Elemer Numbe		Defect Type	Defect	Description		CS	CS Qty	Maint Qty	
510		ck (Wearing face)	SCATTERED LONGITUDINA IN ASPHALT WEARING SUR			2	100	100	Square Feet
510		ectiveness (Wearin face)	g MODERATE TO HEAVY WE	AR THROUGHOUT		2	1,000		Square Feet

Span 7		Left Bridge Rail						
Steel Ra	ail							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330	Metal Bridge Railing		41	41	0	0	0	Feet
515	Steel Protective Coating		41	41	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

**General Comments** 

BRIDGE RAIL PAINTED SINCE LAST INSPECTION

Span 7		Right Bridge Rail						
Steel Ra	ail							
Element Number	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
330 515	Metal Bridge Railing Steel Protective Coating		41 41	41 41	0	0	-	Feet Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

General Comments

BRIDGE RAIL PAINTED SINCE LAST INSPECTION

Span 7 Prestres	ssed Concrete Cored	Slab 1 Slab						
Element Number		ment Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
15	Prestressed Cond	crete Top Flange	110	110	0	0	0	Square Feet
104	Prestressed Cond	crete Closed Web/Box Girder	40	40	0	0	0	Feet
ement umber	Defect Type	Defect Description	n		CS	CS Qty	Maint Qty	

General Comments

#### WATER STAINING TO LEFT FASCIA BEAM FOR FULL LENGTH

End	Bent 1	Cap 1						
Pres	stressed Concrete	Pier Cap						
Elen Num 233		Element Name sed Concrete Pier Cap	Total Qty 33	CS1 Qty 29	CS2 Qty 0	CS3 Qty 4	CS4 Qty 0 F	eet
Elemen	t Defeat Type	Defect Des			cs	CS Qty	Maint Qty	
233	Delamination/Spall	SPALLS (14IN X 3IN X 1IN) TO B COLUMNS 1 & 6.	OTTOM OF CAP AT		3	4	4	Feet
233	Exposed Prestressing	EXPOSED CABLE ENDS AT END	OS OF CAP		1	2		Feet

Ben	t 1	Cap 1						
Pres	stressed Concrete	Pier Cap						
Elen Num	nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
233	Prestress	sed Concrete Pier Cap	33	21	0	12	0 Fe	eet
Element Number	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
233	Delamination/Spall	SPALLING ( UP TO 24IN X 3IN X ALL CAPS AT ALL INTERIOR BEI		S OF	3	12	12	Feet
233	Exposed Prestressing	EXPOSED CABLE ENDS AT END	S OF CAP.		1	2		Feet
(	General Comments							

Bent 1		Pile 1						
Steel Pile	Э							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pi	le	1	0	0	0	1	Each
515	Steel Pr	otective Coating	142	112	0	30	0	Square Feet
lement lumber	Defect Type	Defect Descr	ription		CS	CS Qty	Maint Qty	
LOSS), 1/8IN TAPE			D FAR FLANGES EDGES (50% SECTION ERED SECTION LOSS 3/8IN REMAINING ES. (PAR)		4	1	;	5 Each
	tiveness (Steel	COATING INEFFECTIVE IN CORR	ODED AREAS		3	30	30	O Square Feet

**General Comments** 

MARINE GROWTH ON PILE AT LOWER PORTION.

	Pile 2						
ile							
t	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Pile	e	1	0	0	0	1 E	ach
Steel Pro	tective Coating	142	112	0	30	0 S	quare Feet
Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
rrosion	UP TO 1/4IN TAPERED SECTION AT ALL FLANGE EDGES. (PAR)	N LOSS 1/4IN REMA	INING	4	1	5	Each
ectiveness (Steel otective Coatings)	COATING INEFFECTIVE IN COR	RRODED AREAS		3	30	30	Square Feet
1	Steel Pile Steel Pro Defect Type rrosion ectiveness (Steel	Element Name Steel Pile Steel Protective Coating  Defect Type Trosion UP TO 1/4IN TAPERED SECTIO AT ALL FLANGE EDGES. (PAR) ectiveness (Steel COATING INEFFECTIVE IN COF	Element Name Qty Steel Pile 1 Steel Protective Coating 142  Defect Type Defect Description  Trosion UP TO 1/4IN TAPERED SECTION LOSS 1/4IN REMA AT ALL FLANGE EDGES. (PAR) ectiveness (Steel COATING INEFFECTIVE IN CORRODED AREAS	Element Name  Steel Pile  Steel Protective Coating  Defect Type  Defect Description  Trosion  UP TO 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES. (PAR)  ectiveness (Steel  COATING INEFFECTIVE IN CORRODED AREAS	Total	Total   CS1   CS2   CS3	Total

General Comments

Bent 1		Pile 3						
Steel Pile								
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pi	le	1	0	0	0	1	Each
515	Steel Pr	otective Coating	142	112	0	30	0	Square Feet
Element Number D	efect Type	Defect	Description		CS	CS Qty	Maint Qty	
225 Corros	ion	KNIFE EDGING TO NEAR RI SECTION LOSS 3/8IN REMA (PAR)			4	1	2	2 Each

Effectiveness (Steel Protective Coatings)

COATING INEFFECTIVE IN CORRODED AREAS

30

3

30 Square Feet

General Comments

MARINE GROWTH ON PILE AT LOWER PORTION.

Ber	nt 1	Pile 4						
Ste	el Pile							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel	Pile	1	0	0	0	1 E	ach
515	Steel	Protective Coating	142	112	0	30	0 S	Square Feet
Elemer Numbe	Dofoct Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
225	Corrosion	100% TAPERED SECTION LOSS LEFT FLANGE, 1/4IN TAPERED REMAINING AT OTHER FLANGE	SECTION LOSS 1/4I		4	1	5	Each
515	Effectiveness (Steel Protective Coatings)		RODED AREAS		3	30	30	Square Feet
	General Comments							

MARINE GROWTH ON PILE AT LOWER PORTION.

Bent 1		Pile 5						
Steel P	ile							
Elemen Number 225	-	Element Name e	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 E	Each
515	Steel Pr	otective Coating	142	112	0	30	0 8	Square Feet
Element Number	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
225 Co	rrosion	3/8IN SECTION LOSS 1/8IN REN FLANGE, 1/4IN SECTION LOSS OTHER FLANGE EDGES. (PAR	1/4IN REMAINING A		4	1	5	Each
	ectiveness (Steel otective Coatings)	COATING INEFFECTIVE IN COF	RRODED AREAS		3	30	30	Square Feet

General Comments

MARINE GROWTH ON PILE AT LOWER PORTION.

:1	Pile 6						
l Pile							
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Pil	e	1	0	0	0	1 E	Each
Steel Pro	otective Coating	142	112	0	30	0 8	Square Feet
Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
Corrosion	LOSS 1/4IN REMAINING AT FAR	AINING AT FAR RIGHT. 1/8IN TAPERED		4	1	5	Each
Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN COR	RRODED AREAS		3	30	30	Square Feet
	Pile ent ber Steel Pil Steel Pro  Defect Type Corrosion  Effectiveness (Steel	Pile  ent ber Element Name Steel Pile Steel Protective Coating  Defect Type Defect Des  Corrosion KNIFE EDGING ON LEFT FLAN LOSS 1/4IN REMAINING AT FAI SECTION LOSS 3/8IN REMAININE Effectiveness (Steel COATING INEFFECTIVE IN COF	Pile  ent	Pile  ent Element Name Qty Qty Steel Pile 1 0 Steel Protective Coating 142 112  Defect Type Defect Description  Corrosion KNIFE EDGING ON LEFT FLANGE EDGES. 1/4IN SECTION LOSS 1/4IN REMAINING AT FAR RIGHT. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT NEAR RIGHT. (PAR)  Effectiveness (Steel COATING INEFFECTIVE IN CORRODED AREAS	Pile           ent         Total         CS1         CS2           ber         Element Name         Qty         Qty         Qty           Steel Pile         1         0         0           Steel Protective Coating         142         112         0           Defect Type         Defect Description         CS           Corrosion         KNIFE EDGING ON LEFT FLANGE EDGES. 1/4IN SECTION 4         LOSS 1/4IN REMAINING AT FAR RIGHT. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT NEAR RIGHT. (PAR)           Effectiveness (Steel         COATING INEFFECTIVE IN CORRODED AREAS         3	Pile           ent         Total         CS1         CS2         CS3           ber         Element Name         Qty         Qty	Pile           ent         Element Name         Total         CS1         CS2         CS3         CS4           ber         Element Name         Qty         Qty <td< td=""></td<>

**General Comments** 

End B	ent 1	Abutment						
Timbe	r Abutment							
Elemer Numbe 216	er	Element Name Abutment	Total Qty 40	CS1 Qty 36	CS2 Qty 4	CS3 Qty 0	CS4 Qty 0 Feet	
Element Number	Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	
216 D	ecay/Section Loss	DECAYED AND MISSING BOARDS EXTERIOR BULKHEAD. DECAY @ END OF BOARD (MID PO OF END BENT 2 BULK HEAD			2	4	4 Feet	
Ge	neral Comments							

	Bent 1 I Pile	Pile 1						
Elem Num 225		Element Name 'ile	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1	Each
515	Steel F	Protective Coating	40	30	0	10	0	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
225	Corrosion	1/8IN TAPERED SECTION LOSS FLANGE EDGES. 50% SECTION (PAR)		_	4	1		1 Each
	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN COR	RODED AREAS		3	10	10	Square Feet
G	General Comments							

End	Bent 1		Pi	le 2						
Stee	el Pile									
Elen Num 225		Steel Pile	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 E	Each
515		Steel Protec	tive Coating		40	30	0	10	0 8	Square Feet
Elemen Number	Defect 1	Гуре	[	Defect Description			CS	CS Qty	Maint Qty	
225	Corrosion	61	N H X 2IN W) 1/8IN 1	S TO RIGHT FLANGE E TAPERED SECTION L FLANGE EDGES. (PA	OSS 3/8ÌN		4	1	1	Each
515	Effectiveness Protective Co	(	DATING INEFFECTI	VE IN CORRODED AF	REAS		3	10	10	Square Feet
(	General Comn	nents								

End Bent	1	Pi	le 3						
Steel Pile									
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	<b>)</b>		1	0	0	0	1	Each
515	Steel Pro	tective Coating		40	30	0	10	0	Square Feet
Element Number	Defect Type	[	Defect Description			CS	CS Qty	Maint Qty	
225 Corros	sion	KNIFE EDGING TO FATAPERED SECTION L				4	1		1 Each

REMAINING FLANGE EDGES. (PAR)

515 Effectiveness (Steel COATING INEFFECTIVE IN CORRODED AREAS 3 10 10 Square Feet Protective Coatings)

End   Steel	Bent 1 I Pile	Pile 4						
Elem Num 225		Element Name e	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 E	Each
515	Steel Pr	otective Coating	40	30	0	10	0 \$	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
225	Corrosion	HEAVY SCALING TO FLANGE EI MEASURABLE SECTION LOSS.	DGES WITH NO		3	1	1	Each
	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN COR	RODED AREAS		3	10	10	Square Feet
G	Seneral Comments							

End	Bent 1			Pile 5						
Stee	el Pile									
Elen Num 225 515		Steel Pile	Element Name		Total Qty 1 40	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0		Each Square Feet
Element Number	Dofoot "		ective Coating	Defect Description			cs	CS Qty	Maint Qty	
225	Corrosion		AT FAR LEFT FLAN 1/8IN REMAINING T	TH 100% SECTION L IGE. 3/8IN TAPERED TO FAR RIGHT FLAN N LOSS 3/8IN REMA PAR)	SECTION LO IGE EDGE. 1/8	SS É	4	1	1	Each
515 -	Effectiveness Protective Co	atings)	COATING INEFFEC	TIVE IN CORRODE	O AREAS		3	10	10	Square Feet
(	General Comr	ments								

End	Bent 1	Pile 6						
Stee	el Pile							
	nent nber Steel Pi	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty	Each
515		rotective Coating	40	20	0	20		Square Feet
Elemen Numbe	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
225	Corrosion	KNIFE EDGING TO NEAR LEFT F TAPERED SECTION LOSS 3/8IN FLANGE EDGES. (PAR)		-	4	1	1	Each
515	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN CORF	RODED AREAS		3	20	20	Square Feet
	General Comments							

End	Bent 2	Cap 1						
Pres	stressed Concrete	Pier Cap						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
233	Prestres	sed Concrete Pier Cap	33	27	0	6	0 Feet	
Element Number	Dofoct Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
233	Delamination/Spall	SPALLED AREAS IN END BENT	2 CAP @ PILES 1, 2	& 4.	3	6	6 Fee	ŧt.
233	Exposed Prestressing	EXPOSED CABLE ENDS AT END	OS OF CAP		1	2	Fee	÷t
(	General Comments							

Ben	t 2	Cap 1						
Pres	stressed Concrete	Pier Cap						
Elen Num	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
233	Prestress	ed Concrete Pier Cap	33	20	0	13	0 Fe	eet
Elemen Number	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
233	Delamination/Spall	SPALLING ( UP TO 24IN X 3IN X 2 ALL CAPS AT ALL INTERIOR BEN BETWEEN P-5 AND P-6 5" LONG	ITŚ. BOTTOM OF C	AP	3	13	13	Feet
233	Exposed Prestressing	EXPOSED CABLE ENDS AT ENDS	S OF CAP		1	2		Feet
-	General Comments							

Ber	nt 2		Pile 1						
Ste	el Pile								
	ment mber	Steel Pile	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 E	Each
515		Steel Pro	otective Coating	142	102	0	40	0 S	Square Feet
Elemer Numbe	Dofoo	t Type	Defect De	scription		CS	CS Qty	Maint Qty	
225	Corrosion		UP TO 65% SECTION LOSS TO FLANGE UP TO 50% SECTION	,		4	1	6	Each
515	Effectivenes Protective C		COATING INEFFECTIVE IN CO	RRODED AREAS		3	40	40	Square Feet
	General Cor	nments							

Ber	nt 2		F	Pile 2						
Ste	el Pile									
	ment mber	Steel Pile	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0 E	Each
515		Steel Pro	tective Coating		142	102	0	40	0 \$	Square Feet
Elemer Numbe	Dofoct	Туре		Defect Description			CS	CS Qty	Maint Qty	
225	Corrosion		1/4IN TAPERED SEC FLANGES	CTION LOSS 1/4IN RE	MAINING 1	O LEFT	3	1	6	Each
515	Effectivenes Protective C		COATING INEFFECT	TIVE IN CORRODED A	AREAS		3	40	40	Square Feet
	General Com	ments								

MARINE GROWTH ON PILE AT LOWER PORTION.

Bent	t 2	Pile 3						
Stee	l Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pil	е	1	0	0	0	1 E	ach
515	Steel Pro	otective Coating	142	102	0	40	0 S	Square Feet
Element Number	Dofoct Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
225	Corrosion	90% SECTION LOSS TO NEAR F TAPERED SECTION LOSS 1/4IN LEFT FLANGE. 1/8IN TAPERED REMAINING AT FAR FLANGES.	REMAINING TO NE SECTION LOSS 3/8I	AR	4	1	6	Each
515	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN COR	RODED AREAS		3	40	40	Square Feet

General Comments

MARINE GROWTH ON PILE AT LOWER PORTION.

Ber	nt 2	Pile 4						
Ste	el Pile							
	ment mber Steel F	Element Name Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 E	Each
515	Steel F	Protective Coating	142	102	0	40	0 8	Square Feet
Elemer	nt D					CS Qty	Maint	
Numbe	er Defect Type	Defect Desc	ription		CS	C3 Qty	Qty	
225	Corrosion	Defect Desci KNIFE EDGING WITH 100% SECT AT FAR RIGHT FLANGE. 1/4IN TA 1/4IN REMAINING AT FAR RIGHT LOSS AT NEAR RIGHT. (PAR)	ION LOSS (1INW ) PERED SECTION I	LOSS	4	1	Qty 6	Each
	ži ,	KNIFE EDGING WITH 100% SECT AT FAR RIGHT FLANGE. 1/4IN TA 1/4IN REMAINING AT FAR RIGHT	ION LOSS (1INW ) PERED SECTION   1/8IN TAPERED S	LOSS		1 40	,	

MARINE GROWTH ON PILE AT LOWER PORTION.

Ben	nt 2	Pile 5						
Stee	el Pile							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel P	ile	1	0	0	0	1 E	Each
515	Steel P	rotective Coating	142	102	0	40	0 8	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descr	ription		CS	CS Qty	Maint Qty	
225	Corrosion	3/8IN TAPERED SECTION LOSS 1 RIGHT, 3/8IN REMAINING OTHER			4	1	6	Each
515	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN CORR	ODED AREAS		3	40	40	Square Feet

General Comments

							•	
Ben	nt 2	Pile 6						
Ste	el Pile							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pil	e	1	0	0	0	1 E	ach
515	Steel Pr	otective Coating	142	102	0	40	0 S	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descr	ription		CS	CS Qty	Maint Qty	
225	Corrosion	100% SECTION LOSS (2IN W X 6I FLANGE EDGE. 1/8IN TAPERED S FLANGE EDGES. (PAR)		OTHER	4	1	6	Each
515	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN CORR	ODED AREAS		3	40	40	Square Feet
	O							

**General Comments** 

End B	ent 2	Abutment						
Timbe	er Abutment							
Elemei Numbe 216	er	Element Name Abutment	Total Qty 40	CS1 Qty 0	CS2 Qty 0	CS3 Qty 40	CS4 Qty 0 Feet	
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
216 D	ecay/Section Loss	DECAY @ ENDS OF BOARDS & BOARD MISSING @ NORTH EN HEAD - BOARDS SOFT TO 1/4"	D OF END BENT 2 B	—	3	40	40 Fee	t
Ge	neral Comments							

End	Bent 2	Pile 1						
Stee	l Pile							
Elem Num 225		Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 E	ach
515	Steel Pro	otective Coating	40	30	0	10	0 S	quare Feet
Element Number	Dofoct Typo	Defect Descrip	otion		CS	CS Qty	Maint Qty	
225	Corrosion	KNIFE EDGING WITH UP TO 50% S NEAR RIGHT FLANGE. 1/4IN TAPEI 1/4IN REMAINING AT NEAR LEFT F SECTION LOSS AT FAR FLANGE E	RED SECTION LO LANGE EDGE. 1/1	SS	4	1	1	Each
	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN CORRC	DED AREAS		3	10	10	Square Feet
C	General Comments							

End Ben	nt 2	Pile	2					
Steel Pil	е							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pi	le	1	0	0	1	O E	Each
515	Steel Pr	otective Coating	40	30	0	10	0 \$	Square Feet
Element Number	Defect Type	De	efect Description		cs	CS Qty	Maint Qty	
225 Corre	osion	., ==	ON LOSS 1/4IN REMAINING 1IN HOLE IN NEAR LEFT I		3	1	1	Each

AT TOP. (PAR)

Effectiveness (Steel COATING INEFFECTIVE IN CORRODED AREAS 3 10 10 Square Feet Protective Coatings)

General Comments

	l Bent 2 el Pile		Pile 3					
Nur	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	(	Steel Pile	1	0	0	0	1 E	ach
515	;	Steel Protective Coating	40	30	0	10	0 5	Square Feet
Elemer Numbe	Dofoct T	ype	Defect Description		cs	CS Qty	Maint Qty	
225	Corrosion	LEFT AND FAR R	/ITH UP TO 50% SECTION LOSS IGHT FLANGES. 1/4IN TAPERED AINING AT ALL FLANGE EDGES.	SECTION	4	1	1	Each
515	Effectiveness ( Protective Coa		ECTIVE IN CORRODED AREAS		3	10	10	Square Feet
	General Comm	ents						

End E	Bent 2	Pile 4						
Steel	Pile							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile	е	1	0	0	0	1 1	Each
515	Steel Pro	otective Coating	40	30	0	10	0 \$	Square Feet
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
225 (	Corrosion	KNIFE EDGING TO NEAR RIGHT SECTION LOSS. 1/4IN TAPERED REMAINING AT ALL FLANGE ED	SECTION LOSS 1/4		4	1	1	Each
	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN COR	RODED AREAS		3	10	10	Square Feet

End	d Bent 2	Pile 5						
Ste	el Pile							
	ement Imber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pi	le	1	0	0	0	1 E	ach
515	Steel Pr	rotective Coating	40	30	0	10	0 S	Square Feet
Eleme	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
225	Corrosion	3/8IN TAPERED SECTION LOSS FLANGE EDGES AND FAR LEFT TAPERED SECTION LOSS AT FA	FLANGE EDGE. 1/4		4	1	1	Each
	Effectiveness (Steel	COATING INEFFECTIVE IN CORP	RODED AREAS		3	10	10	Square Feet
515	Protective Coatings)							

End	d Bent 2		Pile 6						
Ste	el Pile								
	ment mber	Element Name Steel Pile	•	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 I	Each
515		Steel Protective Coating		40	30	0	10	0 \$	Square Feet
Elemer Numbe	Dofoct 7	Гуре	Defect Description			CS	CS Qty	Maint Qty	
225	Corrosion	FLANGE AT TOP.	OSS (3IN W X 2IN H) AT I 1/4IN TAPERED SECTIO LL FLANGE EDGES AT G	N LOSS 1/4	4IN	4	1	1	Each
515	Effectiveness Protective Co	(	ECTIVE IN CORRODED A	REAS		3	10	10	Square Feet
	General Comr	nents							

3	Cap 1						
ressed Concrete	Pier Cap						
ent oer	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Prestress	sed Concrete Pier Cap	33	21	0	12	0 Fee	et
Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
Delamination/Spall			S OF	3	12	12	Feet
Exposed Prestressing	EXPOSED CABLE ENDS AT END	S OF CAP		1	2	ı	Feet
	ressed Concrete ent er Prestress  Defect Type Delamination/Spall	ressed Concrete Pier Cap  ent eer Element Name Prestressed Concrete Pier Cap  Defect Type Defect Desc Delamination/Spall SPALLING (UP TO 24IN X 3IN X ALL CAPS AT ALL INTERIOR BE	ressed Concrete Pier Cap  ent Total her Element Name Qty Prestressed Concrete Pier Cap 33  Defect Type Defect Description Delamination/Spall SPALLING (UP TO 24IN X 3IN X 2IN) TO BOTH SIDE ALL CAPS AT ALL INTERIOR BENTS.	ressed Concrete Pier Cap  ent Element Name Qty Qty Prestressed Concrete Pier Cap 33 21  Defect Type Defect Description  Delamination/Spall SPALLING (UP TO 24IN X 3IN X 2IN) TO BOTH SIDES OF ALL CAPS AT ALL INTERIOR BENTS.	ressed Concrete Pier Cap  ent Element Name Qty Qty Qty Prestressed Concrete Pier Cap 33 21 0  Defect Type Defect Description CS  Delamination/Spall SPALLING (UP TO 24IN X 3IN X 2IN) TO BOTH SIDES OF 3  ALL CAPS AT ALL INTERIOR BENTS.	Prestressed Concrete Pier Cap   Sent   Element Name   Total   CS1   CS2   CS3	Total   CS1   CS2   CS3   CS4

Ben	nt 3	Pile 1						
Stee	el Pile							
	ment nber Steel P	Element Name ile	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 E	Each
515	Steel P	rotective Coating	142	102	0	40	0 \$	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
225	Corrosion	1/4IN FULL LENGTH SECTION L TOP 2IN OF COLUMN AT LEFT I SECTION LOSS ON LEFT SIDE.	FLANGE EDGES, 1/8		4	1	5	Each
515	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN COR	RRODED AREAS		3	40	40	Square Feet
	General Comments							
	MARINE OROM	ELL ON DU E AT LOWED DODTION						

Bent 3		Pile 2						
Steel Pil	е							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pile		1	0	0	0	1 Each	
515	Steel Pro	otective Coating	142	102	0	40	0 Square Feet	
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
225 Corre	osion	100% SECTION LOSS (2IN W X 1 FLANGE. 1/4IN TAPERED SECTI			4	1	5 Each	

AT ALL OTHER FLANGE EDGES 2FT FROM TOP. WEB IS

HEAVILY PITTED. (PAR)

515 Effectiveness (Steel COATING INEFFECTIVE IN CORRODED AREAS 3 40 40 Square Feet Protective Coatings)

General Comments

Ber	nt 3			Pile 3						
Ste	el Pile									
	ement mber	Steel Pile	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 E	Each
515		Steel Prot	ective Coating		142	102	0	40	0 8	Square Feet
Elemei Numbe	Dofoct	Туре		Defect Description			CS	CS Qty	Maint Qty	
225	Corrosion		SECTION LOSS TO OF FAR FLANGE A COLUMN. 1/4IN TA	S TO BOTH SIDES (UF FLANGE EDGES FOR ND NEAR RIGHT FLAN PERED SECTION LOS AR LEFT FLANGE EDG	R 2IN W X 12 NGE IN TOP S, 1/4IN	2FT OF	4	1	5	Each
515	Effectiveness Protective Co	`	COATING INEFFEC	CTIVE IN CORRODED A	AREAS		3	40	40	Square Feet
	General Com	ments								

MARINE GROWTH ON PILE AT LOWER PORTION.

Ben	t 3	Pile 4						
Stee	el Pile							
Elen Num 225	nent nber Steel P	Element Name ile	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1	Each
515	Steel P	rotective Coating	142	102	0	40	0	Square Feet
Element Number	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
225	Corrosion	1/16IN TAPERED SECTION LOS ALL FLANGE EDGES 2FT FROM DETERIORATION OF LATERAL I	TOP. TYPICAL 1009		4	1	5	5 Each
515	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN COR	RODED AREAS		3	40	40	Square Feet
(	General Comments							

**General Comments** 

MARINE GROWTH ON PILE AT LOWER PORTION.

Bent 3		Pile 5						
Steel F	Pile							
Elemen Numbe	r	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225 515	Steel Pil Steel Pr	e otective Coating	142	0 102	0	40		Each Square Feet
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
225 Co	orrosion	1/8IN TAPERED SECTION LOSS, FLANGE EDGES 2FT FROM TOP FAR LEFT FLANGE.			3	1	5	Each
_Pr	fectiveness (Steel otective Coatings)	COATING INEFFECTIVE IN COR	RODED AREAS		3	40	40	Square Feet

Bent 3		Pile 6						
Steel Pi	le							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pil	е	1	0	0	0	1 E	Each
515	Steel Pro	otective Coating	142	102	0	40	0 S	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
225 Corr	rosion	100% SECTION LOSS TO FAR F 1/4IN TAPERED SECTION LOSS OTHER FLANGES. (PAR)		,	4	1	5	Each
	ectiveness (Steel tective Coatings)	COATING INEFFECTIVE IN COR	RRODED AREAS		3	40	40	Square Feet
-	oral Comments							

**General Comments** 

MARINE GROWTH ON PILE AT LOWER PORTION.

Ben	it 4	Cap 1						
Pres	stressed Concrete	Pier Cap						
	ment nber Prestress	Element Name sed Concrete Pier Cap	Total Qty 33	CS1 Qty 21	CS2 Qty 0	CS3 Qty 12	CS4 Qty 0 Fe	eet
Elemen Numbe	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
233	Delamination/Spall	SPALLED AREAS OVER THE PIL	ES.		3	12	12	Feet
233	Exposed Prestressing	EXPOSED CABLE ENDS AT END	OS OF CAP		1	2		Feet
-	General Comments							

Ber	nt 4	Pile 1						
Ste	el Pile							
Nu	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel P	lile	1	0	0	1	0 E	ach
515	Steel P	rotective Coating	142	102	0	40	0 5	Square Feet
Elemer Numbe	Dofoot Typo	Defect De	scription		CS	CS Qty	Maint Qty	
225	Corrosion	1/8IN TAPERED SECTION LOS FLANGE EDGES	S 3/8IN REMAINING A	AT ALL	3	1	5	Each
515	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN CO	RRODED AREAS		3	40	40	Square Feet
	General Comments							

Bent 4			Pile 2						
Steel F	Pile								
Elemen Numbe 225	•	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 1	CS4 Qty 0	Each
515	Steel Pro	tective Coating		142	102	0	40	0	Square Feet
Element Number	Defect Type		Defect Description			CS	CS Qty	Maint Qty	
225 Co	orrosion	.,	SECTION LOSS 7/16IN R IN DIAMETER HOLE IN			3	1	. !	5 Each

Effectiveness (Steel Protective Coatings)

COATING INEFFECTIVE IN CORRODED AREAS

4

3

40 Square Feet

General Comments

MARINE GROWTH ON PILE AT LOWER PORTION.

Ber	nt 4	Pile 3						
Ste	el Pile							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel	Pile	1	0	0	0	1 E	ach
515	Steel	Protective Coating	142	102	0	40	0 5	Square Feet
Elemer Numbe	Dofoct Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
225	Corrosion	100% SECTION LOSS TO HALF INTERFACE. 1/8IN TAPERED SE REMAINING AT ALL FLANGE ED	ECTION LOSS 3/8IN	OP CAP	4	1	5	Each
515	Effectiveness (Steel Protective Coatings)		RRODED AREAS		3	40	40	Square Feet
	General Comments							

MARINE GROWTH ON PILE AT LOWER PORTION.

Bent	t 4	Pile 4					
Stee	el Pile						
Elem Num 225		Element Name e	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 Each
515	Steel Pr	otective Coating	142	102	0	40	0 Square Feet
Element Number	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty
225	Corrosion	3/8IN TAPERED SECTION LOSS RIGHT FLANGE EDGE. 1/4IN TA OTHER FLANGE EDGES. (PAR)			4	1	5 Each
515 -	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN COR	RODED AREAS		3	40	40 Square Feet

General Comments

MARINE GROWTH ON PILE AT LOWER PORTION.

Bent	4	Pile 5						
Steel	Pile							
Elem Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pi	le	1	0	0	0	1 E	ach
515	Steel P	rotective Coating	142	102	0	40	0 S	Square Feet
Element Number	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
225	Corrosion	KNIFE EDGING TO FAR RIGHT SECTION LOSS 1/4IN REMAINII EDGES. (PAR)			4	1	5	Each
	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN COR	RRODED AREAS		3	40	40	Square Feet
_								

**General Comments** 

Pile 6  Element Name	Total Qty	CS1	CS2	CS3	004	
		CS1	CS2	CS3	004	
		CS1	CS2	CS3	004	
el Pile		Qty	Qty	Qty	CS4 Qty	
	1	0	0	0	1 E	Each
el Protective Coating	142	102	0	40	0 8	Square Feet
Defect Desc	cription		CS	CS Qty	Maint Qty	
	-		4	1	2	Each
pel COATING INEFFECTIVE IN COR	RODED AREAS		3	40	40	Square Feet
•	Defect Desc 100% SECTION LOSS TO FAR LI EDGED WITH UP TO 50% SECTI FLANGE. (PAR) EI COATING INEFFECTIVE IN COR s)	Defect Description  100% SECTION LOSS TO FAR LEFT FLANGE. KNIFI EDGED WITH UP TO 50% SECTION LOSS TO FAR F FLANGE. (PAR)  EL COATING INEFFECTIVE IN CORRODED AREAS s)	Defect Description  100% SECTION LOSS TO FAR LEFT FLANGE. KNIFE EDGED WITH UP TO 50% SECTION LOSS TO FAR RIGHT FLANGE. (PAR) EL COATING INEFFECTIVE IN CORRODED AREAS s)	Defect Description CS  100% SECTION LOSS TO FAR LEFT FLANGE. KNIFE 4 EDGED WITH UP TO 50% SECTION LOSS TO FAR RIGHT FLANGE. (PAR)  EL COATING INEFFECTIVE IN CORRODED AREAS 3	Defect Description CS CS Qty  100% SECTION LOSS TO FAR LEFT FLANGE. KNIFE 4 1 EDGED WITH UP TO 50% SECTION LOSS TO FAR RIGHT FLANGE. (PAR)  EL COATING INEFFECTIVE IN CORRODED AREAS 3 40	Defect Description  CS CS Qty  Maint Qty  100% SECTION LOSS TO FAR LEFT FLANGE. KNIFE 4 1 2  EDGED WITH UP TO 50% SECTION LOSS TO FAR RIGHT FLANGE. (PAR)  EL COATING INEFFECTIVE IN CORRODED AREAS 3 40 40

**General Comments** 

MARINE GROWTH ON PILE AT LOWER PORTION.

Bent	5	Cap 1						
Prest	tressed Concrete	Pier Cap						
Elem Numl 233	ber	Element Name sed Concrete Pier Cap	Total Qty 33	CS1 Qty 21	CS2 Qty 0	CS3 Qty 12	CS4 Qty 0 Fee	et
Element Number	Defect Type	Defect Desc	cription		CS	CS Qty	Maint Qty	
233	Delamination/Spall	SPALLING ( UP TO 24IN X 3IN X ALL CAPS AT ALL INTERIOR BEI	P TO 24IN X 3IN X 2IN) TO BOTH SIDES OF ALL INTERIOR BENTS.		3	12	12 F	eet
_	Exposed Prestressing	EXPOSED CABLE ENDS AT END	S OF CAP		1	2	F	eet

Ben	nt 5	Pile 1					
Stee	el Pile						
	ment nber Steel Pil	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 Each
515	Steel Pro	otective Coating	142	92	0	50	0 Square Feet
Elemen Numbe	Dofoct Typo	Defect Descrip	tion		CS	CS Qty	Maint Qty
225	Corrosion	KNIFE EDGING WITH UP TO 50% SI 1IN X 1IN SECTION OF 100% SECTI 1/4IN TAPERED SECTION LOSS 1/4 OTHER FLANGE EDGES. (PAR)	NO LOSS AT ED	GE.	4	1	4 Each
515	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN CORRO	DED AREAS		3	50	50 Square Feet
	General Comments						

Bent 5		Pile 2						
Steel Pile	е							
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pil	e	1	0	0	0	1 Each	
515	Steel Pr	otective Coating	142	92	0	50	0 Square Feet	
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
225 Corro	osion	1/4IN TAPERED SECTION LOSS RIGHT FLANGE EDGE. 1IN DIAM	.,		4	1	4 Each	

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LEFT FLANGE. (PAR)

Effectiveness (Steel 50 Square Feet 515 COATING INEFFECTIVE IN CORRODED AREAS 3 50

Protective Coatings) General Comments

MARINE GROWTH ON PILE AT LOWER PORTION.

Bent 5		Pile 3						
Steel F	Pile							
Elemer Numbe 225	· ·	Element Name	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1	Each
515	Steel Pro	otective Coating	142	92	0	50	0	Square Feet
 Element Number	Defect Type	Defect De	escription		CS	CS Qty	Maint Qty	
225 Co	orrosion	50% SECTION LOSS AT FAR R DIAMERTER HOLE LOCATION LOSS 1/4IN REMAINING AT NE SECTION LOSS 3/8IN REMAIN EDGE. (PAR)	. 1/4IN TAPERED SEC EAR LEFT. 1/8IN TAPE	TION RED	4	1	3	B Each
	fectiveness (Steel otective Coatings)	COATING INEFFECTIVE IN CO	RRODED AREAS		3	50	50	Square Feet

**General Comments** 

MARINE GROWTH ON PILE AT LOWER PORTION.

Ben	t 5	Pile 4						
Stee	el Pile							
Elen Num 225	nent nber Steel I	Element Name Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 E	Each
515	Steel I	Protective Coating	142	92	0	50	0 S	Square Feet
Elemen	Dofoct Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
225	Corrosion	KNIFE EDGING AT NEAR LEFT I SECTION LOSS. 1/4IN TAPERED REMAINING AT NEAR RIGHT FL SECTION LOSS (2IN W X 3IN H) LEFT FLANGE. (PAR)	D SECTION LOSS 1/4 ANGE EDGE. 100%	IN	4	1	8	Each
515	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN COR	RRODED AREAS		3	50	50	Square Feet
-	General Comments							

Bent	5	Pile 5						
Steel	Pile							
Elem Numl 225		Element Name Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 E	Each
515	Steel	Protective Coating	142	92	0	50	0 \$	Square Feet
Element Number	Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty	
225	Corrosion	KNIFE EDGING AT FAR RIGHT I SECTION LOSS. 3/8IN TAPEREI REMAINING AT NEAR RIGHT. 1/ LOSS 1/4IN REMAINING AT NEA (PAR)	O SECTION LOSS 1/8 /4IN TAPERED SECT	BIN TON	4	1	5	Each
	Effectiveness (Stee Protective Coatings		RRODED AREAS		3	50	50	Square Feet
G	Seneral Comments							

Ber	nt 5			Pile 6						
Ste	el Pile									
	ment mber	Steel Pile	Element Name		Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 E	Each
515		Steel Pro	tective Coating		142	92	0	50	0 S	Square Feet
Elemer Numbe	Dofoct T	Гуре		Defect Description			CS	CS Qty	Maint Qty	
225	Corrosion			ITH UP TO 50% SECT FAR RIGHT FLANGES		)	4	1	2	Each
515	Effectiveness Protective Co		COATING INEFFEC	CTIVE IN CORRODED	AREAS		3	50	50	Square Feet
	General Comm	nents								

MARINE GROWTH ON PILE AT LOWER PORTION.

Bent 6	5	Cap 1						
Prestr	ressed Concrete	Pier Cap						
Eleme Numb	• • •	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
233	Prestress	ed Concrete Pier Cap	33	17	2	14	0 F	eet
Element Number	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
233 D	elamination/Spall	SPALLING ( UP TO 24IN X 3IN X 2 ALL CAPS AT ALL INTERIOR BEN OF CAP BETWEEN P-1 & P-2 ANI X 1/2" DEEP.	ITŚ. SPALLS IN BO	MOTTC	3	14	14	Feet
233 E	xposed Prestressing	EXPOSED CABLE ENDS AT END	S OF CAP		2	2	2	Feet

i	Pile 1						
Pile							
nt er	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Pil	e	1	0	0	0	1 E	ach
Steel Pro	otective Coating	142	92	0	50	0 8	Square Feet
Defect Type	Defect De	scription		CS	CS Qty	Maint Qty	
FLANGE EDGE 2F		FT FROM TOP. 1IN DIAMETER HOLE TOP		4	1	4	Each
ffectiveness (Steel rotective Coatings)	COATING INEFFECTIVE IN CO	RRODED AREAS		3	50	50	Square Feet
	Pile  Steel Pil  Steel Pro  Defect Type  porrosion  fectiveness (Steel	Pile  Int  Int  Int  Int  Int  Int  Int  In	Pile  Int Element Name Qty Steel Pile 1 Steel Protective Coating 142  Defect Type Defect Description  Orrosion 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AFLANGE EDGE 2FT FROM TOP. 1IN DIAMETER HOLOF FAR RIGHT FLANGE. (PAR)  Ifectiveness (Steel COATING INEFFECTIVE IN CORRODED AREAS	Pile  Int Element Name Qty Qty Steel Pile 1 0 Steel Protective Coating 142 92  Defect Type Defect Description  Orrosion 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGE 2FT FROM TOP. 1IN DIAMETER HOLE TOP OF FAR RIGHT FLANGE. (PAR)  If ectiveness (Steel COATING INEFFECTIVE IN CORRODED AREAS	Pile  Int Element Name Total CS1 CS2  Por Element Name Qty Qty Qty Qty  Steel Pile 1 0 0  Steel Protective Coating 142 92 0  Defect Type Defect Description CS  Porrosion 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL 4  FLANGE EDGE 2FT FROM TOP. 1IN DIAMETER HOLE TOP OF FAR RIGHT FLANGE. (PAR)  If ectiveness (Steel COATING INEFFECTIVE IN CORRODED AREAS 3	Pile           Interest of the pile of th	Defect Type         Defect Description         CS CS Qty         Maint Qty           Orrosion         1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGE 2FT FROM TOP. 1IN DIAMETER HOLE TOP OF FAR RIGHT FLANGE. (PAR)         4         1         4         4         1         4         4         5

**General Comments** 

225 515	Steel Pile Steel Protective Coating	1 142	0 92	0	0 50	<ul><li>1 Each</li><li>0 Square Feet</li></ul>
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
Steel Pile	)					
Bent 6	Pile 2					

FLANGE EDGES TO FEET FROM TOP. (PAR)

515 Effectiveness (Steel COATING INEFFECTIVE IN CORRODED AREAS 3 50 50 Square Feet

Protective Coatings)
General Comments

MARINE GROWTH ON PILE AT LOWER PORTION.

Bent 6 Steel Pile	Pile 3						
Element Number 225	Element Name Steel Pile	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 E	≣ach
515	Steel Protective Coating	142	92	0	50	0 8	Square Feet
Element Number Defect 1	Type Defect D	Description		CS	CS Qty	Maint Qty	
225 Corrosion	1/4IN TAPERED SECTION LO FLANGE EDGES 2FT FROM T FAR RIGHT FLANGE. 100% S TO NEAR RIGHT FLANGE 1FT SECTION LOSS 1/4IN REMAIN 2FT FROM TOP. (PAR (PAR)	TOP. 1IN DIAMETER HC ECTION LOSS (2IN W X T FROM TOP. 1/4IN TA	OLE IN ( 6IN H) PERED	4	1	3	Each
515 Effectiveness Protective Co.	· ·	ORRODED AREAS		3	50	50	Square Feet

MARINE GROWTH ON PILE AT LOWER PORTION.

Ber	nt 6	Pile 4						
Ste	el Pile							
	ment mber Steel Pil	Element Name e	Total Qty 1	CS1 Qty 0	CS2 Qty 0	CS3 Qty 0	CS4 Qty 1 E	ach
515	Steel Pro	otective Coating	142	92	0	50	0 S	Square Feet
Elemer Numbe	Dofoct Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
225	Corrosion		OSS TO FAR LEFT FLANGE AT TOP. 1/4IN ON LOSS 1/4IN REMAINING AT ALL 2-FT FROM TOP. (PAR)		4	1	4	Each
515	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN CORI	RODED AREAS		3	50	50	Square Feet
	General Comments							<del>-</del>

MARINE GROWTH ON PILE AT LOWER PORTION.

Ben	t 6	Pile 5						
Stee	el Pile							
Elen Num	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel P	le	1	0	0	1	0 E	ach
515	Steel P	rotective Coating	142	92	0	50	0 8	Square Feet
 Elemen Numbei	Dofoct Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
225	Corrosion	1/8IN TAPERED SECTION LOSS FLANGE EDGES. 1IN DIAMETER TOP.			3	1	4	Each
515	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN COR	RODED AREAS		3	50	50	Square Feet
-	General Comments							

Bent	6	Pile 6						
Stee	l Pile							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
225	Steel Pil	e	1	0	0	0	1 E	Each
515	Steel Pro	otective Coating	142	102	0	40	0 \$	Square Feet
Element Number	Dofoct Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
225	Corrosion	KNIFE EDGING AT NEAR LEFT FI SECTION LOSS. 1IN DIAMETER F FLANGE AT TOP. (PAR)	-	O 50%	4	1	3	Each
	Effectiveness (Steel Protective Coatings)	COATING INEFFECTIVE IN CORR	RODED AREAS		3	40	40	Square Feet
_								

Location	Name	Component	Element Name	Amount
Span 1	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 1	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 1	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 1	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 1	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 1	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 1	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 1	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 1	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 1	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 1	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 1	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 1	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 1	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 1	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 1	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 1	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 1	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 1	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 1	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 1	Slab 11	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 1	Slab 11	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 1	Left Bridge Rail	Steel Rail	Metal Bridge Railing	41
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Span 1	Right Bridge Rail	Steel Rail	Metal Bridge Railing	41
Span 1 Span 1	Right Bridge Rail Wearing Surface	Steel Rail Asphalt Wearing Surface	Metal Bridge Railing Wearing Surface	41 1181
·				
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1181
Span 1 Span 2	Wearing Surface Slab 1	Asphalt Wearing Surface Prestressed Concrete Cored Slab	Wearing Surface Prestressed Concrete Top Flange	1181
Span 1 Span 2 Span 2	Wearing Surface Slab 1 Slab 1	Asphalt Wearing Surface  Prestressed Concrete Cored Slab  Prestressed Concrete Cored Slab	Wearing Surface Prestressed Concrete Top Flange Prestressed Concrete Closed Web/Box Girder	1181 110 40
Span 1 Span 2 Span 2 Span 2	Wearing Surface Slab 1 Slab 1 Slab 2	Asphalt Wearing Surface Prestressed Concrete Cored Slab Prestressed Concrete Cored Slab Prestressed Concrete Cored Slab	Wearing Surface Prestressed Concrete Top Flange Prestressed Concrete Closed Web/Box Girder Prestressed Concrete Top Flange	1181 110 40 110
Span 1 Span 2 Span 2 Span 2 Span 2 Span 2	Wearing Surface Slab 1 Slab 1 Slab 2 Slab 2	Asphalt Wearing Surface Prestressed Concrete Cored Slab Prestressed Concrete Cored Slab Prestressed Concrete Cored Slab Prestressed Concrete Cored Slab	Wearing Surface  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder	1181 110 40 110 40
Span 1 Span 2	Wearing Surface Slab 1 Slab 1 Slab 2 Slab 2 Slab 3	Asphalt Wearing Surface Prestressed Concrete Cored Slab	Wearing Surface  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange	1181 110 40 110 40 110
Span 1 Span 2	Wearing Surface Slab 1 Slab 1 Slab 2 Slab 2 Slab 2 Slab 3 Slab 3	Asphalt Wearing Surface  Prestressed Concrete Cored Slab	Wearing Surface  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder	1181 110 40 110 40 110 40
Span 1 Span 2	Wearing Surface Slab 1 Slab 1 Slab 2 Slab 2 Slab 3 Slab 3 Slab 4	Asphalt Wearing Surface  Prestressed Concrete Cored Slab	Wearing Surface  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange	1181 110 40 110 40 110 40 110
Span 1 Span 2	Wearing Surface Slab 1 Slab 1 Slab 2 Slab 2 Slab 3 Slab 3 Slab 4 Slab 4	Asphalt Wearing Surface  Prestressed Concrete Cored Slab	Wearing Surface  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange	1181 110 40 110 40 110 40 110 40
Span 1 Span 2	Wearing Surface Slab 1 Slab 1 Slab 2 Slab 2 Slab 3 Slab 3 Slab 4 Slab 4 Slab 5	Asphalt Wearing Surface  Prestressed Concrete Cored Slab	Wearing Surface  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange	1181 110 40 110 40 110 40 110 40 110
Span 1 Span 2	Wearing Surface Slab 1 Slab 1 Slab 2 Slab 2 Slab 3 Slab 3 Slab 4 Slab 4 Slab 5 Slab 5	Asphalt Wearing Surface  Prestressed Concrete Cored Slab	Wearing Surface  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder	1181 110 40 110 40 110 40 110 40 110 40
Span 1 Span 2	Wearing Surface Slab 1 Slab 1 Slab 2 Slab 2 Slab 3 Slab 3 Slab 4 Slab 4 Slab 5 Slab 5 Slab 6	Asphalt Wearing Surface  Prestressed Concrete Cored Slab	Wearing Surface  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Closed Web/Box Girder	1181 110 40 110 40 110 40 110 40 110 40 110
Span 1 Span 2	Wearing Surface Slab 1 Slab 1 Slab 2 Slab 2 Slab 3 Slab 3 Slab 4 Slab 4 Slab 5 Slab 5 Slab 6 Slab 6	Asphalt Wearing Surface  Prestressed Concrete Cored Slab	Wearing Surface  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange	1181 110 40 110 40 110 40 110 40 110 40 110 40 110 40
Span 1 Span 2	Wearing Surface Slab 1 Slab 1 Slab 2 Slab 2 Slab 3 Slab 3 Slab 4 Slab 4 Slab 5 Slab 5 Slab 6 Slab 6 Slab 7	Asphalt Wearing Surface  Prestressed Concrete Cored Slab	Wearing Surface  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange	1181 110 40 110 40 110 40 110 40 110 40 110 40
Span 1 Span 2	Wearing Surface Slab 1 Slab 1 Slab 2 Slab 2 Slab 3 Slab 3 Slab 4 Slab 4 Slab 5 Slab 5 Slab 6 Slab 6 Slab 7 Slab 7	Asphalt Wearing Surface  Prestressed Concrete Cored Slab	Wearing Surface  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder	1181 110 40 110 40 110 40 110 40 110 40 110 40 110 40
Span 1 Span 2	Wearing Surface Slab 1 Slab 1 Slab 2 Slab 2 Slab 3 Slab 3 Slab 4 Slab 4 Slab 5 Slab 5 Slab 6 Slab 6 Slab 7 Slab 7	Asphalt Wearing Surface  Prestressed Concrete Cored Slab	Wearing Surface  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange	1181 110 40 110 40 110 40 110 40 110 40 110 40 110 40 110
Span 1 Span 2	Wearing Surface Slab 1 Slab 1 Slab 2 Slab 2 Slab 3 Slab 3 Slab 4 Slab 4 Slab 5 Slab 5 Slab 6 Slab 6 Slab 7 Slab 7 Slab 8	Asphalt Wearing Surface  Prestressed Concrete Cored Slab	Wearing Surface  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Top Flange  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Closed Web/Box Girder  Prestressed Concrete Closed Web/Box Girder	1181 110 40 110 40 110 40 110 40 110 40 110 40 110 40 110 40
Span 1 Span 2	Wearing Surface Slab 1 Slab 1 Slab 2 Slab 2 Slab 3 Slab 3 Slab 4 Slab 4 Slab 5 Slab 5 Slab 6 Slab 6 Slab 7 Slab 7 Slab 8 Slab 8 Slab 9	Asphalt Wearing Surface  Prestressed Concrete Cored Slab  Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange Prestressed Concrete Closed Web/Box Girder Prestressed Concrete Top Flange Prestressed Concrete Closed Web/Box Girder Prestressed Concrete Top Flange Prestressed Concrete Top Flange Prestressed Concrete Closed Web/Box Girder Prestressed Concrete Top Flange Prestressed Concrete Top Flange Prestressed Concrete Top Flange Prestressed Concrete Closed Web/Box Girder Prestressed Concrete Closed Web/Box Girder Prestressed Concrete Top Flange Prestressed Concrete Top Flange Prestressed Concrete Closed Web/Box Girder Prestressed Concrete Top Flange Prestressed Concrete Closed Web/Box Girder Prestressed Concrete Closed Web/Box Girder Prestressed Concrete Closed Web/Box Girder Prestressed Concrete Top Flange Prestressed Concrete Closed Web/Box Girder Prestressed Concrete Closed Web/Box Girder	1181 110 40 110 40 110 40 110 40 110 40 110 40 110 40 110 40 1110

Location	Name	Component	Element Name	Amount
Span 2	Slab 11	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 2	Slab 11	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 2	Left Bridge Rail	Steel Rail	Metal Bridge Railing	40
Span 2	Right Bridge Rail	Steel Rail	Metal Bridge Railing	40
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1174
Span 3	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 3	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 3	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 3	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 3	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 3	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 3	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 3	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 3	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 3	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 3	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 3	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 3	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 3	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 3	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 3	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 3	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 3	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 3	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 3	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 3	Slab 11	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 3	Slab 11	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 3	Left Bridge Rail	Steel Rail	Metal Bridge Railing	40
Span 3	Right Bridge Rail	Steel Rail	Metal Bridge Railing	40
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1174
Span 4	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 4	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 4	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 4	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 4	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 4	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 4	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 4	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 4	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 4	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 4	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 4	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 4	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 4	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 4	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110

Location	Name	Component	Element Name	Amount
Span 4	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 4	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 4	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 4	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 4	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 4	Slab 11	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 4	Slab 11	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 4	Left Bridge Rail	Steel Rail	Metal Bridge Railing	40
Span 4	Right Bridge Rail	Steel Rail	Metal Bridge Railing	40
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1174
Span 5	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 5	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 5	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 5	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 5	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 5	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 5	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 5	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 5	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 5	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 5	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 5	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 5	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 5	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 5	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 5	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 5	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 5	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 5	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 5	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 5	Slab 11	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 5	Slab 11	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 5	Left Bridge Rail	Steel Rail	Metal Bridge Railing	40
Span 5	Right Bridge Rail	Steel Rail	Metal Bridge Railing	40
Span 5	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1174
Span 6	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 6	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 6	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 6	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 6	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 6	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 6	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 6	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 6	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 6	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40

Location	Name	Component	Element Name	Amount
Span 6	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 6	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 6	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 6	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 6	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 6	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 6	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 6	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 6	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 6	Slab 10	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 6	Slab 11	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	110
Span 6	Slab 11	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	40
Span 6	Left Bridge Rail	Steel Rail	Metal Bridge Railing	40
Span 6	Right Bridge Rail	Steel Rail	Metal Bridge Railing	40
Span 6	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1174
Span 7	Left Bridge Rail	Steel Rail	Metal Bridge Railing	41
Span 7	Right Bridge Rail	Steel Rail	Metal Bridge Railing	41
Span 7	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1181
Bent 1	Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	33
Bent 1	Pile 1	Steel Pile	Steel Pile	1
Bent 1	Pile 2	Steel Pile	Steel Pile	1
Bent 1	Pile 3	Steel Pile	Steel Pile	1
Bent 1	Pile 4	Steel Pile	Steel Pile	1
Bent 1	Pile 5	Steel Pile	Steel Pile	1
Bent 1	Pile 6	Steel Pile	Steel Pile	1
End Bent 1	Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	33
End Bent 1	Pile 1	Steel Pile	Steel Pile	1
End Bent 1	Pile 2	Steel Pile	Steel Pile	1
End Bent 1	Pile 3	Steel Pile	Steel Pile	1
End Bent 1	Pile 4	Steel Pile	Steel Pile	1
End Bent 1	Pile 5	Steel Pile	Steel Pile	1
End Bent 1	Pile 6	Steel Pile	Steel Pile	1
Bent 2	Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	33
Bent 2	Pile 1	Steel Pile	Steel Pile	1
Bent 2	Pile 2	Steel Pile	Steel Pile	1
Bent 2	Pile 3	Steel Pile	Steel Pile	1
Bent 2	Pile 4	Steel Pile	Steel Pile	1
Bent 2	Pile 5	Steel Pile	Steel Pile	1
Bent 2	Pile 6	Steel Pile	Steel Pile	1
End Bent 2	Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	33
End Bent 2	Pile 1	Steel Pile	Steel Pile	1
End Bent 2	Pile 2	Steel Pile	Steel Pile	1
End Bent 2	Pile 3	Steel Pile	Steel Pile	1
End Bent 2	Pile 4	Steel Pile	Steel Pile	1
End Bent 2	Pile 5	Steel Pile	Steel Pile	1

Location	Name	Component	Element Name	Amount
End Bent 2	Pile 6	Steel Pile	Steel Pile	1
Bent 3	Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	33
Bent 3	Pile 1	Steel Pile	Steel Pile	1
Bent 3	Pile 2	Steel Pile	Steel Pile	1
Bent 3	Pile 3	Steel Pile	Steel Pile	1
Bent 3	Pile 4	Steel Pile	Steel Pile	1
Bent 3	Pile 5	Steel Pile	Steel Pile	1
Bent 3	Pile 6	Steel Pile	Steel Pile	1
Bent 4	Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	33
Bent 4	Pile 1	Steel Pile	Steel Pile	1
Bent 4	Pile 2	Steel Pile	Steel Pile	1
Bent 4	Pile 3	Steel Pile	Steel Pile	1
Bent 4	Pile 4	Steel Pile	Steel Pile	1
Bent 4	Pile 5	Steel Pile	Steel Pile	1
Bent 4	Pile 6	Steel Pile	Steel Pile	1
Bent 5	Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	33
Bent 5	Pile 1	Steel Pile	Steel Pile	1
Bent 5	Pile 2	Steel Pile	Steel Pile	1
Bent 5	Pile 3	Steel Pile	Steel Pile	1
Bent 5	Pile 4	Steel Pile	Steel Pile	1
Bent 5	Pile 5	Steel Pile	Steel Pile	1
Bent 5	Pile 6	Steel Pile	Steel Pile	1
Bent 6	Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	33
Bent 6	Pile 1	Steel Pile	Steel Pile	1
Bent 6	Pile 2	Steel Pile	Steel Pile	1
Bent 6	Pile 3	Steel Pile	Steel Pile	1
Bent 6	Pile 4	Steel Pile	Steel Pile	1
Bent 6	Pile 5	Steel Pile	Steel Pile	1
Bent 6	Pile 6	Steel Pile	Steel Pile	1

## **General Inspection Notes**

Span 1 Left Bridge Rail BRIDGE RAIL PAINTED SINCE LAST INSPECTION Span 1 Slab 1 WATER STAINING TO LEFT FASCIA BEAM FOR FULL LENGTH Span 2 Right Bridge Rail BRIDGE RAIL PAINTED SINCE LAST INSPECTION Span 3 Left Bridge Rail BRIDGE RAIL PAINTED SINCE LAST INSPECTION Span 3 Right Bridge Rail BRIDGE RAIL PAINTED SINCE LAST INSPECTION Span 3 Slab 1 WATER STAINING TO LEFT FASCIA BEAM FOR FULL LENGTH Span 4 Left Bridge Rail BRIDGE RAIL PAINTED SINCE LAST INSPECTION Span 4 Right Bridge Rail BRIDGE RAIL PAINTED SINCE LAST INSPECTION Span 4 Slab 1 WATER STAINING TO LEFT FASCIA BEAM FOR FULL LENGTH Span 5 Left Bridge Rail BRIDGE RAIL PAINTED SINCE LAST INSPECTION Span 5 Right Bridge Rail BRIDGE RAIL PAINTED SINCE LAST INSPECTION Span 5 Slab 1 WATER STAINING TO LEFT FASCIA BEAM FOR FULL LENGTH Span 6 Left Bridge Rail BRIDGE RAIL PAINTED SINCE LAST INSPECTION Span 6 Right Bridge Rail BRIDGE RAIL PAINTED SINCE LAST INSPECTION Span 6 Slab 1 WATER STAINING TO LEFT FASCIA BEAM FOR FULL LENGTH Span 7 Left Bridge Rail

BRIDGE RAIL PAINTED SINCE LAST INSPECTION

Right Bridge Rail

Span 7

# **General Inspection Notes**

### BRIDGE RAIL PAINTED SINCE LAST INSPECTION

Span 7

Slab 1

WATER STAINING TO LEFT FASCIA BEAM FOR FULL LENGTH

# National Bridge and NC Inspection Items

Structure Number: 090015 Inspection Date: 06/20/2019

### National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	6
Item 59: Superstructure	0 - 9 , N	7
Item 60: Substructure	0 - 9 , N	4
Item 61: Channel and Channel Protection	0 - 9 , N	7
Item 62: Culvert	0 - 9 , N	N
Item 71: Waterway Adequacy	0 - 9 , N	7
Item 72: Approach Roadway Alignment	0 - 9 , N	8

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

#### NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	G	0	3376
Drainage System	G, F, P, or C	G	0	3332
Utilities	G, F, P, or C			
Slope Protection	G, F, P, or C	G	0	3352
Scour	G, F, P, or C	G		
Wingwall	G, F, P, or C	F	30	3350
Field Scour Evaluation		0		
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	Y
Inspection Time	Hours	12
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	N
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	Υ
Other Equipment Used	YES/NO	Υ

## National Bridge and NC SMU Inspection Item Details

Structure Number: 090015 Inspection Date: 06/20/2019

Item	Substructure - Item 60	Grade 4	4	Maint Code	Qty.	0
Details	NEWLY STRUCTURAL DEFICIENT DUE TO HEAVY D COLUMNS. DETACTHED LATERAL BRACING AT BEN		ATION OF	END BENT AND INTE	RIOR E	BENT
Item	Priority Maintenance Issued	Grade `	Y	Maint Code	Qty.	0
Details	NEWLY STRUCTURAL DEFICIENT DUE TO SEVERE COLUMNS AND BENT LATERAL BRACING	DETERIOR	RATION O	F END BENT AND INT	ERIOR	BENT
Item	Other Equipment Used	Grade `	Y	Maint Code	Qty.	0
Details	HIP WADERS, CALIPERS					
Item	Wingwalls	Grade I	F	Maint Code 3350	Qty.	30
Details	MODERATE TO HEAVY DETERIORATION TO ENDS OWINGWALLS	OF HORIZO	ONTAL TII	MBER LAGGING AT AL	L FOU	R
Item	General Comments and Misc Items	Grade I	F	Maint Code	Qty.	0
Details	END TREATMENT, MINOR COLLISION DAMAGE AT F FAR LEFT APPROACH GUARDRAIL- DISCONNECTEI		GED POS	T 50FT FROM END TR	REATMI	ENT.



TYPICAL DELINEATOR END TREATMENT, MINOR COLLISION DAMAGE AT FAR LEFT



FAR LEFT APPROACH GUARDRAIL- DISCONNECTED & DAMAGED POST 50FT FROM END TREATMENT



TYPICAL AWS, MODERATE TO HEAVY WEAR THROUGHOUT, SPAN 2



SPAN 2 AWS, OPEN LONGITUDINAL CRACK (1/8IN X 5FT) CENTER OF SPAN IN RIGHT LANE



SPAN 5 AWS - FULL LENGTH OPEN LONGITUDINAL CRACK (1/4IN), 2.5FT FROM RIGHT LINE



SPAN 6 AWS - HALF LENGTH HAIRLINE CRACK IN FAR HALF OF SPAN



BENT 1 COLUMN 3 - KNIFE EDGING TO NEAR RIGHT FLANGE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT OTHER FLANGES. (PAR PHOTO)



BENT 1 COLUMN 4 - 100% TAPERED SECTION LOSS (2IN W X 3 IN L) AT FAR LEFT FLANGE, 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT OTHER FLANGES. (PAR PHOTO)



BENT 1 COLUMN 5 - 3/8IN SECTION LOSS 1/8IN REMAINING AT FAR RIGHT FLANGE, 1/4IN SECTION LOSS 1/4IN REMAINING AT OTHER FLANGE EDGES. (PAR PHOTO)



BENT 1 COLUMN 6 - KNIFE EDGING ON LEFT FLANGE EDGES. 1/4IN SECTION LOSS 1/4IN REMAINING AT FAR RIGHT. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT NEAR RIGHT. (PAR PHOTO)



SPAN 1 BEAM 11 - SPALL (9IN H X 3IN W) AT FAR END ON RIGHT SIDE



NEAR RIGHT WINGWALL - HEAVY DETERIORATION TO HORIZONTAL TIMBER LAGGING AT ENDS



SPAN 2 BEAM 1 - SPALL (6IN H X 3IN W) AT NEAR LEFT END



TYPICAL 100% DETERIORATION OF LATERAL BRACING, BENT 2 COLUMN 1 (PAR PHOTO)



BENT 2 COLUMN 1 - UP TO 65% SECTION LOSS TO NEAR FLANGE, FAR FLANGE UP TO 50% SECTION LOSS ON LEFT SIDE. (PAR PHOTO)



BENT 2 COLUMN 2 - 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING TO LEFT FLANGES



BENT 2 COLUMN 3 - 90% SECTION LOSS TO NEAR RIGHT FLANGE. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING TO NEAR LEFT FLANGE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT FAR FLANGES. (PAR PHOTO)



BENT 2 COLUMN 4 - KNIFE EDGING WITH 100% SECTION LOSS (1INW X 8IN H) AT FAR RIGHT FLANGE. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT FAR RIGHT, 1/8IN TAPERED SECTION LOSS AT NEAR RIGHT. (PAR PHOTO)



BENT 2 COLUMN 5 - 3/8IN TAPERED SECTION LOSS 1/8IN REMAINING AT FAR RIGHT, 3/8IN REMAINING OTHER FLANGE EDGES. (PAR PHOTO)



BENT 2 COLUMN 6 - 100% SECTION LOSS (2IN W X 6IN H) AT FAR LEFT FLANGE EDGE. 1/8IN TAPERED SECTION LOSS AT OTHER FLANGE EDGES. (PAR PHOTO)



BENT 3 COLUMN 6 - 100% SECTION LOSS TO FAR RIGHT FLANGE AT TOP, 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING ALL OTHER FLANGES. (PAR PHOTO)



TYPICAL SPALLING ( UP TO 24IN X 3IN X 2IN) TO BOTH SIDES OF ALL CAPS AT ALL INTERIOR BENTS, BENT 1 COLUMN 1 FAR SIDE SHOWN



BENT 1 COLUMN 1 - KNIFE EDGING TO FAR FLANGES EDGES (50% SECTION LOSS), 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING TO NEAR FLANGES. (PAR PHOTO)



BENT 1 COLUMN 1 - KNIFE EDGING TO FAR FLANGES EDGES (UP TO 50% SECTION LOSS), 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING TO NEAR FLANGES. (PAR PHOTO)



BENT 1 COLUMN 2 - UP TO 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES. (PAR PHOTO)



END BENT 1 CAP - SPALLS (14IN X 3IN X 1IN) TO BOTTOM OF CAP AT COLUMNS 1 & 6.



END BENT 1 COLUMN 1 - 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING TO FLANGE EDGES. 50% SECTION LOSS TO TOP OF WEB. (PAR PHOTO)



END BENT 1 COLUMN 2 - 100% SECTION LOSS TO RIGHT FLANGE EDGES (UP TO 6IN H X 2IN W) 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING TO LEFT FLANGE EDGES. (PAR PHOTO)



END BENT 1 COLUMN 3 - KNIFE EDGING TO FAR RIGHT FLANGE EDGE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING TO REMAINING FLANGE EDGES. (PAR PHOTO)



END BENT 1 COLUMN 4 - HEAVY SCALING TO FLANGE EDGES WITH NO MEASURABLE SECTION LOSS



END BENT 1 COLUMN 5 - KNIFE EDGING WITH 100% SECTION LOSS (1IN W X 6IN H) AT FAR LEFT FLANGE. 3/8IN TAPERED SECTION LOSS 1/8IN REMAINING TO FAR RIGHT FLANGE EDGE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING TO NEAR FLANGE EDGES. (PAR PHOTO)



END BENT 1 COLUMN 6 - KNIFE EDGING TO NEAR LEFT FLANGE EDGE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING TO OTHER FLANGE EDGES. (PAR PHOTO)



BENT 3 COLUMN 5 - 1/8IN TAPERED SECTION LOSS, 3/8IN REMAINING AT ALL FLANGE EDGES 2FT FROM TOP. 1IN DIAMETER HOLE IN FAR LEFT FLANGE.



BENT 3 COLUMN 4 - 1/16IN TAPERED SECTION LOSS, 7/16IN REMAINING AT ALL FLANGE EDGES 2FT FROM TOP. TYPICAL 100% DETERIORATION OF LATERAL BRACING. (PAR PHOTO)



BENT 3 COLUMN 3 - 60% SECTION LOSS TO BOTH SIDES (UP TO 100% SECTION LOSS TO FLANGE EDGES FOR 2IN W X 12IN H) OF FAR FLANGE AND NEAR RIGHT FLANGE IN TOP 2FT OF COLUMN. 1/4IN TAPERED SECTION LOSS, 1/4IN REMAINING AT NEAR LEFT FLANGE EDGE 2FT FROM TOP. (PAR PHOTO)



BENT 3 COLUMN 2 - 100% SECTION LOSS (2IN W X 12IN H) TO FAR LEFT FLANGE. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL OTHER FLANGE EDGES 2FT FROM TOP. WEB IS HEAVILY PITTED. (PAR PHOTO)



BENT 3 COLUMN 1 - 1/4IN FULL LENGTH SECTION LOSS, 1/4IN REMAINING AT TOP 2IN OF COLUMN AT LEFT FLANGE EDGES, 1/8IN SECTION LOSS ON LEFT SIDE. (PAR PHOTO)



SPAN 2 BEAM 6 - MINOR DELAMINATION (5IN X 5IN) AT RIGHT SIDE AT MID-SPAN



TYPICAL WATER STAINING TO LEFT FASCIA BEAM, SPAN 4 LOOKING AHEAD



TYPICAL DETACTHED LATERAL BRACING, BENT 4 AT COLUMN 2 (PAR PHOTO)



BENT 4 COLUMN 1 - 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT ALL FLANGE EDGES



BENT 4 COLUMN 2 - 1/16IN TAPERED SECTION LOSS 7/16IN REMAINING AT ALL FLANGE EDGES. 1IN DIAMETER HOLE IN NEAR LEFT FLANGE.



BENT 4 COLUMN 3 - 100% SECTION LOSS TO HALF OF THE WEB TO TOP CAP INTERFACE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT ALL FLANGE EDGES. (PAR PHOTO)



BENT 4 COLUMN 4 - 3/8IN TAPERED SECTION LOSS 1/8IN REMAINING AT FAR RIGHT FLANGE EDGE. 1/4IN TAPERED SECTION LOSS AT OTHER FLANGE EDGES. (PAR PHOTO)



BENT 4 COLUMN 5 - KNIFE EDGING TO FAR RIGHT FLANGE. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT BOTH LEFT FLANGE EDGES. (PAR PHOTO)



BENT 4 COLUMN 6 - 100% SECTION LOSS TO FAR LEFT FLANGE. KNIFE EDGED WITH UP TO 50% SECTION LOSS TO FAR RIGHT FLANGE. (PAR PHOTO)



BENT 5 COLUMN 6 - HEAVY PITTING WITH UP TO 50% SECTION LOSS TO NEAR RIGHT AND FAR RIGHT FLANGES. (PAR PHOTO)



BENT 5 COLUMN 5 - KNIFE EDGING AT FAR RIGHT FLANGE WITH UP TO 50% SECTION LOSS. 3/8IN TAPERED SECTION LOSS 1/8IN REMAINING AT NEAR RIGHT. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT NEAR LEFT FLANGE EDGES. (PAR PHOTO)



BENT 5 COLUMN 4 - KNIFE EDGING AT NEAR LEFT FLANGE WITH UP TO 50% SECTION LOSS. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT NEAR RIGHT FLANGE EDGE. (PAR PHOTO)



BENT 5 COLUMN 4 - 100% SECTION LOSS (2IN W X 3IN H) 6IN FROM TOP AT FAR LEFT FLANGE (PAR PHOTO)



BENT 5 COLUMN 3 - 50% SECTION LOSS AT FAR RIGHT FLANGE AT 1.5IN DIAMERTER HOLE LOCATION. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT NEAR LEFT. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT FAR LEFT FLANGE EDGE. (PAR PHOTO)



BENT 5 COLUMN 2 - 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT NEAR RIGHT FLANGE EDGE. 1IN DIAMETER HOLE TOP OF FAR LEFT FLANGE. (PAR PHOTO)



BENT 5 COLUMN 1 - KNIFE EDGING WITH UP TO 50% SECTION LOSS WITH A 1IN X 1IN SECTION OF 100% SECTINO LOSS AT EDGE. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT OTHER FLANGE EDGES. (PAR PHOTO)



BENT 6 COLUMN 1 - 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGE 2FT FROM TOP.
1IN DIAMETER HOLE TOP OF FAR RIGHT FLANGE. (PAR PHOTO)



BENT 6 COLUMN 2 - 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES TO FEET FROM TOP. (PAR PHOTO)



BENT 6 COLUMN 3 - 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES 2FT FROM TOP. 1IN DIAMETER HOLE IN FAR RIGHT FLANGE. (PAR PHOTO)



BENT 6 COLUMN 3 - 100% SECTION LOSS (2IN W X 6IN H) TO NEAR RIGHT FLANGE 1FT FROM TOP. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES 2FT FROM TOP. (PAR PHOTO)



BENT 6 COLUMN 4 - 100% SECTION LOSS TO FAR LEFT FLANGE AT TOP. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES 2-FT FROM TOP. (PAR PHOTO)



BENT 6 COLUMN 5 - 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT ALL FLANGE EDGES. 1IN DIAMETER HOLE AT FAR LEFT AT TOP.



BENT 6 COLUMN 6 - KNIFE EDGING AT NEAR LEFT FLANGE. 1IN DIAMETER HOLE IN FAR LEFT FLANGE AT TOP. (PAR PHOTO)



FAR LEFT WINGWALL, MODERTE DETERIORATION TO HORIZONTAL TIMBER LAGGING.



END BENT 2 COLUMN 1 - KNIFE EDGING WITH UP TO 50% SECTION LOSS TO THE NEAR RIGHT FLANGE. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT NEAR LEFT FLANGE EDGE. 1/16IN SECTION LOSS AT FAR FLANGE EDGES. (PAR PHOTO)



END BENT 2 COLUMN 2 - 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES. 1IN X 1IN HOLE IN NEAR LEFT FLANGE AT TOP. (PAR PHOTO)



END BENT 2 COLUMN 3 - KNIFE EDGING WITH UP TO 50% SECTION LOSS TO NEAR LEFT AND FAR RIGHT FLANGES. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES. (PAR PHOTO)



END BENT 2 COLUMN 4 - KNIFE EDGING TO NEAR RIGHT FLNGE WITH UP TO 50% SECTION LOSS. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES. (PAR PHOTO)



END BENT 2 COLUMN 5 - 3/8IN TAPERED SECTION LOSS 1/8IN REMAINING AT NEAR FLANGE EDGES AND FAR LEFT FLANGE EDGE. 1/4IN TAPERED SECTION LOSS AT FAR RIGHT. (PAR PHOTO)



END BENT 2 COLUMN 6 - 100% SECTION LOSS (3IN W X 2IN H) AT NEAR RIGHT FLANGE AT TOP. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES AT GROUND LINE. (PAR PHOTO)



LOOKING STATIONS BACK - WEST



LOOKING STATIONS AHEAD - EAST



TYPICAL GUARDRAIL POST SPACING, FAR LEFT



TYPICAL APPROACH GUARDRAIL TRANSITION, NO CHANGE TO POST SPACING, FAR LEFT



NO FISHING FROM BRIDGE SIGN, FAR LEFT



LOOKING BACK FROM BRIDGE



NO FISHING FROM BRIDGE SIGN, NEAR RIGHT



JOINT 1 OVER END BENT 1, LOOKING LEFT



NEAR APPROACH AWS



TYPICAL ASPHALT PLUG JOINT, JOINT 1 AT BENT 1



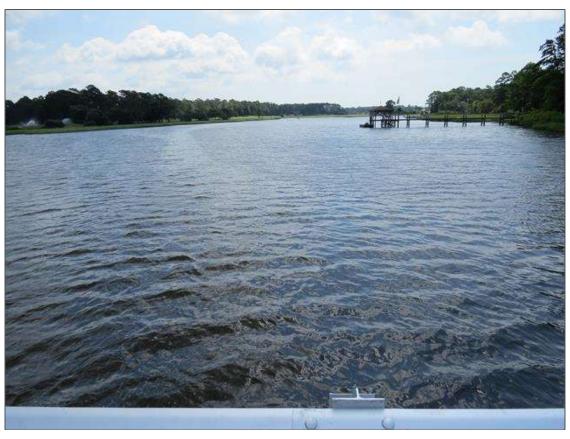
TYPICAL GUARDRAIL, LOOKING AHEAD AT BENT 2



FAR APPROACH AWS



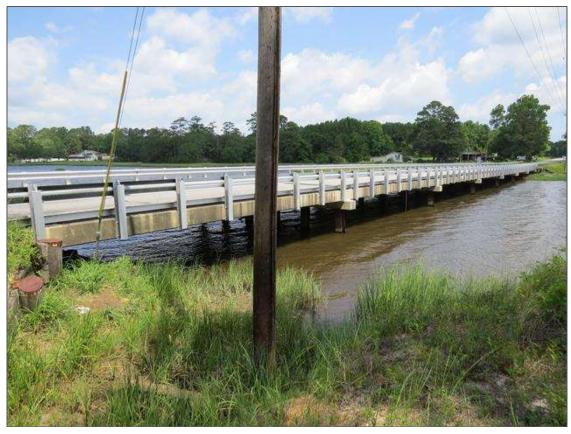
LOOKING DOWNSTREAM



LOOKING UPSTREAM



DOWNSTREAM ELEVATION



**UPSTREAM ELEVATION** 



NEAR LEFT WING WALL



BENT 2 - NEAR FACE



LOOKING DOWNSTREAM THROUGH SPAN 3



LOOKING DOWNSTREAM THROUGH SPAN 4



END BENT 1



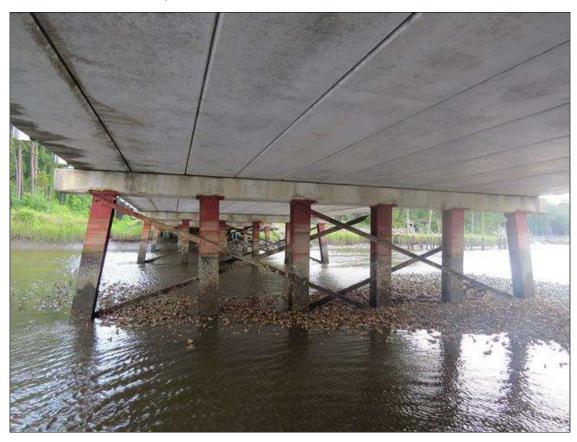
TYPICAL SUPERSTRUCTURE, SPAN 1



BENT 1, FAR FACE



BENT 3, FAR FACE



BENT 4 NEAR FACE



BENT 5, NEAR FACE



BENT 6, NEAR FACE



END BENT 2

# Stream Bed Soundings (Profile diagram on following sheet)

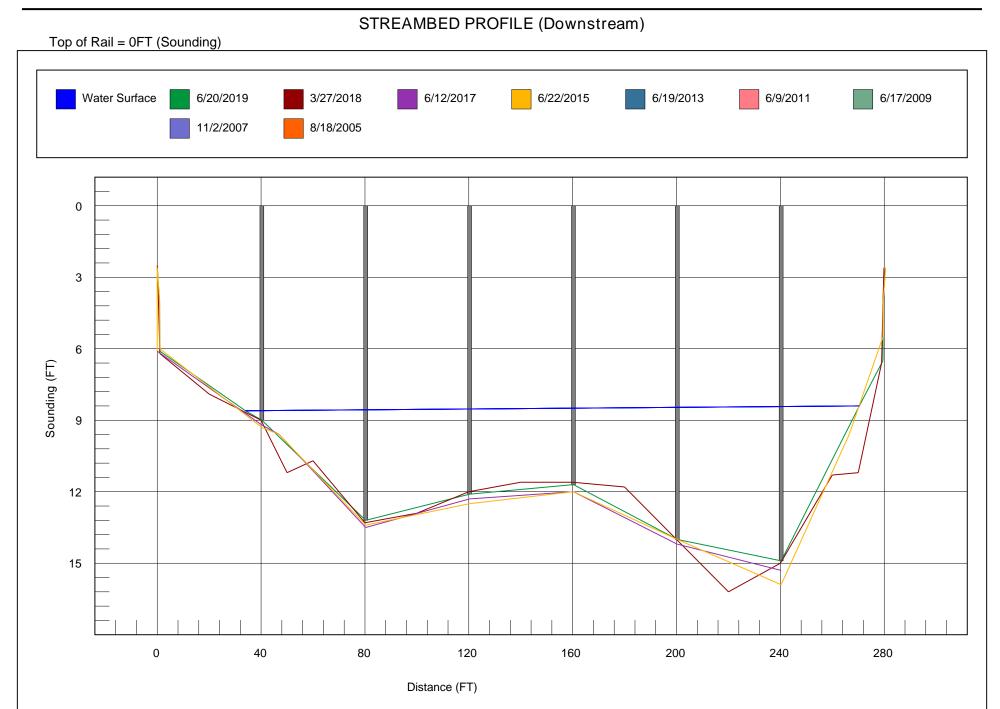
BRUNSWICK Structure Number: 090015 Inspection Date 06/20/2019 County

Sounding recorded from: Top of Bridge Rail

Highwater Mark Distance Location of Highwater Mark

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	2.600	0.000	TOP OF BLKHD
0.900	4.000	0.000	TOP OF CAP
1.000	6.100	6.800	GROUND AT CAP
34.000	8.600	0.000	WATER SURFACE/WATER EDGE (WSWE)
40.300	9.000	9.400	BENT 1
80.300	13.200	13.500	BENT 2
120.300	12.100	13.500	BENT 3
160.300	11.700	11.800	BENT 4
200.300	14.000	14.100	BENT 5
240.300	14.900	15.300	BENT 6
270.400	8.400	0.000	WATER SURFACE/WATER EDGE (WSWE)
279.500	6.500	6.300	GROUND AT CAP
279.600	4.000	0.000	TOP OF CAP
280.500	2.600	0.000	TOP OF BLKHD

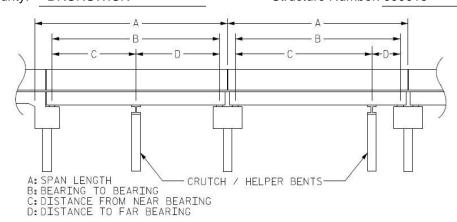
Bridge: 090015 County: BRUNSWICK Date: 06/20/2019



#### Structure Data Worksheet

#### Span Profile

County: BRUNSWICK Structure Number: 090015



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	40.250	39.500			
2	40.000	39.333			
3	40.000	39.333			
4	40.000	39.333			
5	40.000	39.333			
6	40.000	39.333			
7	40.250	39.500			

Run Date: 09/17/2019

IDENTIFICATION -			
(1) STATE NAME -NORTH CAROLINA BRIDGE	090015	SUFFICIENCY RATING =	43.34
(8) STRUCTURE NUMBER(FEDERAL) 000	0000000190015	STATUS = Structurally Deficient	
(5) INVENTORY ROUTE (ON/UNDER) - ON	36001790		
(2) STATE HIGHWAY DEPARTMENT DISTRICT	3		- CODE
(3) COUNTY CODE 19 (4) PLACE CODE	9540	(112)NBIS BRIDGE SYSTEM -	YES
(6) FEATURE INTERSECTED - CALABASH RIVER		(104)HIGHWAY SYSTEM Is not on NHS	0
(7) FACILITY CARRIED NC179 BUS		(26) FUNCTIONAL CLASS - Collector	17
(9) LOCATION 1.4 MI. E. JCT. SR 1165		(100)STRAHNET HIGHWAY - Not a STRAHNET Route	0
(11)MILEPOINT	0	(101)PARALLEL STRUCTURE - No Parallel Structure	N
(16)LAT 33° 53' 22.64" (17)LONG 78° 32' 5	8.00"	(102)DIRECTION OF TRAFFIC - 2-way Traffic	2
(98)BORDER BRIDGE STATE CODE PCT SHA	ARE	(103)TEMPORARY STRUCTURE -	
(99)BORDER BRIDGE STRUCTURE NO		(110)DESIGNATED NATIONAL NETWORK - On the National Network	1
		(20) TOLL On Free Road	3
STRUCTURE TYPE AND MATERIAL		(31) MAINTAIN - State Highway Agency	01
(43) STRUCTURE TYPE MAIN: Prestressed Concrete		(22) OWNER - State Highway Agency	01
TYPE - Slab	CODE 501	(37) HISTORICAL SIGNIFICANCE - Not Eligible	5
(44) STRUCTURE TYPE APPR :			
TYPE -	CODE 000	CONDITION -	- CODE ·
(45) NUMBER OF SPANS IN MAIN UNIT	7	(58) DECK	6
(46) NUMBER OF APPROACH SPANS		(59) SUPERSTRUCTURE	7
(107)DECK STRUCTURE TYPE - 2	CODE	(60) SUBSTRUCTURE	4
(108)WEARING SURFACE / PROTECTIVE SYSTEM:		(61) CHANNEL & CHANNEL PROTECTION	7
(A) TYPE OF WEARING SURFACE - Bituminous	CODE 6	(62) CULVERTS	N
(B) TYPE OF MEMBRANE - None	CODE 0	LOAD RATING AND POSTING	· CODE ·
(C) TYPE OF DECK PROTECTION - None	CODE 0	(31) DESIGN LOAD HS 15	3
		(63) OPERATING RATING METHOD - Load Factor	1
AGE AND SERVICE		(64) OPERATING RATING - HS-29	53
(27) YEAR BUILT	1975	(65) INVENTORY RATING METHOD - Load Factor	1
(106)YEAR RECONSTRUCTED		(66) INVENTORY RATING - HS-17	31
(42) TYPE OF SERVICE : ON - Highway		(70) BRIDGE POSTING - No Posting Required	5
UNDER - Waterway	CODE 15	(41) STRUCTURE OPEN, POSTED ,OR CLOSED	А
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE	0	DESCRIPTION - Open, No Restriction	
(29) AVERAGE DAILY TRAFFIC	7100		- CODE
(30) YEAR OF ADT 2018 (109) TRUCK ADT PCT	7%	(67) STRUCTURAL EVALUATION	4
(19) BYPASS OR DETOUR LENGTH	8 MI	(68) DECK GEOMETRY	4
GEOMETRIC DATA		(69) UNDERCLEARANCES, VERTI & HORIZ	N
(48) LENGTH OF MAXIMUM SPAN	40 FT	(71) WATERWAY ADEQUACY	6
(49) STRUCTURE LENGTH	281 FT	(72) APPROACH ROADWAY ALIGNMENT	8
(50)CURB OR SIDEWALK: LEFT .25 FT RIGHT	.25 FT	(36) TRAFFIC SAFETY FEATURES	0011
(51) BRIDGE ROADWAY WIDTH CURB TO CURB	29.333 FT	(113)SCOUR CRITICAL BRIDGES	5
(52) DECK WIDTH OUT TO OUT	30.417 FT	PROPOSED IMPROVEMENTS	
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)	30 FT	(75) TYPE OF WORK - CODE	
(33) BRIDGE MEDIAN - No Median	CODE 0	(76) LENGTH OF STRUCTURE IMPROVEMENT	
(34) SKEW 0° (35) STRUCTURE FLARED	-	(94) BRIDGE IMPROVEMENT COST	
(10) INVENTORY ROUTE MIN VERT CLEAR	999.9 FT	(95) ROADWAY IMPROVEMENT COST	
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	29.333 FT	(96) TOTAL PROJECT COST	
(53) MIN VERT CLEAR OVER BRIDGE RDWY	999.9 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE	
(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad	0 FT	(114)FUTURE ADT 14200 (115) YEAR FUTURE ADT	2040
(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad	000 FT		
(56) MIN LAT UNDERCLEAR LT REF -	000 FT	(60) 11/05-05-01-01-0-05-0	06/20/2010
NAVIGATION DATA		(00) 05: 5.05	06/20/2019 =
(38) NAVIGATION CONTROL - No Navigational Control	CODE 0	(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE	1
(111)PIER PROTECTION -	CODE	A) FRACTURE CRIT DETAIL - NO A)  P) LINDEDWATER INCR. VES. 49Mo. B)	11/04/0047
(39) NAVIGATION VERTICAL CLEARANCE	0	·	1/24/2017
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR	FT	C) OTHER SPECIAL INSP NO C)	
(40) NAVICATION HORIZONTAL CLEARANCE	0.55	SCOUR	

0 FT

(40) NAVIGATION HORIZONTAL CLEARANCE

#### **BRIDGE MANAGEMENT UNIT**

DATA ON EXISTING STRUCTURE

Run Date: 09/17/2019

COUNTY: DIVISION: DISTRICT: STRUCTURE NUMBER: LENGTH: 281 FEET

BRUNSWICK 3 090015

**ROUTE CARRIED:** FEATURE INTERSECTED:

NC179 BUS CALABASH RIVER

LOCATED: BRIDGE NAME:

1.4 MI. E. JCT. SR 1165 CITY:

\*CALABASH

**UNDER** 

0

FUNC. CLASS: SYST.ON: SYST.UNDER: ADT & YR: RAIL TYPE:

NFA 2018 17 FΑ 7100 LT 233 RT 233

BUILT: BY: PROJ: FED.AID PROJ: **DESIGN LOAD:** 

HS 15 1975 **BMU** 

REHAB: ALIGNMENT: LANES: PROJ: SKEW: DBM TAN 90 ON 2

**NAVIGATION:** HT. CRN. TO BED: WATER DEPTH:

FT VC. 0 HC 0 FT 13 FT 5 FT

PPC CORED SLAB SUPERSTRUCTURE:

SUBSTRUCTURE: E.BTS&INT.BTS:PPC CAPS/STEEL PILES

SPANS: 1@40'-3"; 5@40'-0"; 1@40'-3"

BEAMS OR GIRDERS: 11 SECTIONS OF 2'-9"X1'5" PPC CORED SLAB UNITS

FLOOR: **ENCROACHMENT:** DECK (OUT TO OUT):

PPC 30.417 FT

C.S./4.5"AWS

CLEAR ROADWAY: BETWEEN RAILS: SIDEWALK OR CURB:

29.333 FT 29.833 FT LT .25 FT RT .25 FT

VERT.CL.OVER:

999.9 FT

INV.RTG.: OPE.RTG.: CONTR.MEMBER: POSTED:

HS-29 C. Slab HS-17 SV TTST DATE 01/01/0001

SYSTEM: **GREEN LINE ROUTE:** Υ

Primary N.C. Route

UNDER ROUTES AND CLEARANCES

Bridge: 090015 County BRUNSWICK Date: 06/20/2019

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
<b>0</b>	No Maintenance Required	NA	6	100% SECTION LOSS OF LATERAL BRACING AT BENT 2	
<u></u> 0	No Maintenance Required	NA	6	100% SECTION LOSS OF LATERAL BRACING AT BENT 3	
<u>N</u> 0	No Maintenance Required	NA	6	100% SECTION LOSS OF LATERAL BRACING AT BENT 4	
<u></u> 0	No Maintenance Required	NA	6	100% SECTION LOSS OF LATERAL BRACING AT BENT 5	
<u></u> 0	No Maintenance Required	NA	6	100% SECTION LOSS OF LATERAL BRACING AT BENT 6	
3354	Maintain Steel Substructure Components	LF	1	Bent 6 Pile 1: 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGE 2FT FROM TOP. 1IN DIAMETER HOLE TOP OF FAR RIGHT FLANGE. (PAR)	
3354	Maintain Steel Substructure Components	LF	3	Bent 6 Pile 2: 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES TO FEET FROM TOP. (PAR)	
3354	Maintain Steel Substructure Components	LF	3	Bent 6 Pile 3: 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES 2FT FROM TOP. 1IN DIAMETER HOLE IN FAR RIGHT FLANGE. 100% SECTION LOSS (2IN W X 6IN H) TO NEAR RIGHT FLANGE 1FT FROM TOP. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES 2FT FROM TOP. (PAR (PAR)	
3354	Maintain Steel Substructure Components	LF	4	Bent 6 Pile 4: 100% SECTION LOSS TO FAR LEFT FLANGE AT TOP. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES 2-FT FROM TOP. (PAR)	
3354	Maintain Steel Substructure Components	LF	3	Bent 6 Pile 6: KNIFE EDGING AT NEAR LEFT FLANGE WITH UP TO 50% SECTION LOSS. 1IN DIAMETER HOLE IN FAR LEFT FLANGE AT TOP. (PAR)	
3354	Maintain Steel Substructure Components	LF	1	End Bent 2 Pile 1: KNIFE EDGING WITH UP TO 50% SECTION LOSS TO THE NEAR RIGHT FLANGE. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT NEAR LEFT FLANGE EDGE. 1/16IN SECTION LOSS AT FAR FLANGE EDGES. (PAR)	

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MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3354	Maintain Steel Substructure Components	LF	1	End Bent 2 Pile 3: KNIFE EDGING WITH UP TO 50% SECTION LOSS TO NEAR LEFT AND FAR RIGHT FLANGES. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	1	End Bent 2 Pile 4: KNIFE EDGING TO NEAR RIGHT FLNGE WITH UP TO 50% SECTION LOSS. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	1	End Bent 2 Pile 5: 3/8IN TAPERED SECTION LOSS 1/8IN REMAINING AT NEAR FLANGE EDGES AND FAR LEFT FLANGE EDGE. 1/4IN TAPERED SECTION LOSS AT FAR RIGHT. (PAR)	
3354	Maintain Steel Substructure Components	LF	1	End Bent 2 Pile 6: 100% SECTION LOSS (3IN W X 2IN H) AT NEAR RIGHT FLANGE AT TOP. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES AT GROUND LINE. (PAR)	
3354	Maintain Steel Substructure Components	LF	4	Bent 5 Pile 1: KNIFE EDGING WITH UP TO 50% SECTION LOSS WITH A 1IN X 1IN SECTION OF 100% SECTINO LOSS AT EDGE. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT OTHER FLANGE EDGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	4	Bent 5 Pile 2: 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT NEAR RIGHT FLANGE EDGE. 1IN DIAMETER HOLE TOP OF FAR LEFT FLANGE. (PAR)	
3354	Maintain Steel Substructure Components	LF	3	Bent 5 Pile 3: 50% SECTION LOSS AT FAR RIGHT FLANGE AT 1.5IN DIAMERTER HOLE LOCATION. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT NEAR LEFT. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT FAR LEFT FLANGE EDGE. (PAR)	
3354	Maintain Steel Substructure Components	LF	8	Bent 5 Pile 4: KNIFE EDGING AT NEAR LEFT FLANGE WITH UP TO 50% SECTION LOSS. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT NEAR RIGHT FLANGE EDGE. 100% SECTION LOSS (2IN W X 3IN H) 6IN FROM TOP AT FAR LEFT FLANGE. (PAR)	

Bridge: 090015 County BRUNSWICK Date: 06/20/2019

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3354	Maintain Steel Substructure Components	LF	5	Bent 5 Pile 5: KNIFE EDGING AT FAR RIGHT FLANGE WITH UP TO 50% SECTION LOSS. 3/8IN TAPERED SECTION LOSS 1/8IN REMAINING AT NEAR RIGHT. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT NEAR LEFT FLANGE EDGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	2	Bent 5 Pile 6: HEAVY PITTING WITH UP TO 50% SECTION LOSS TO NEAR RIGHT AND FAR RIGHT FLANGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	5	Bent 4 Pile 3: 100% SECTION LOSS TO HALF OF THE WEB TO TOP CAP INTERFACE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT ALL FLANGE EDGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	5	Bent 4 Pile 4: 3/8IN TAPERED SECTION LOSS 1/8IN REMAINING AT FAR RIGHT FLANGE EDGE. 1/4IN TAPERED SECTION LOSS AT OTHER FLANGE EDGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	5	Bent 4 Pile 5: KNIFE EDGING TO FAR RIGHT FLANGE. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT BOTH LEFT FLANGE EDGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	2	Bent 4 Pile 6: 100% SECTION LOSS TO FAR LEFT FLANGE. KNIFE EDGED WITH UP TO 50% SECTION LOSS TO FAR RIGHT FLANGE. (PAR)	
3354	Maintain Steel Substructure Components	LF	5	Bent 3 Pile 1: 1/4IN FULL LENGTH SECTION LOSS, 1/4IN REMAINING AT TOP 2IN OF COLUMN AT LEFT FLANGE EDGES, 1/8IN SECTION LOSS ON LEFT SIDE. (PAR)	
3354	Maintain Steel Substructure Components	LF	5	Bent 3 Pile 2: 100% SECTION LOSS (2IN W X 12IN H) TO FAR LEFT FLANGE. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL OTHER FLANGE EDGES 2FT FROM TOP. WEB IS HEAVILY PITTED. (PAR)	



Bridge: 090015 County BRUNSWICK Date: 06/20/2019

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3354	Maintain Steel Substructure Components	LF	5	Bent 3 Pile 3: 60% SECTION LOSS TO BOTH SIDES (UP TO 100% SECTION LOSS TO FLANGE EDGES FOR 2IN W X 12IN H) OF FAR FLANGE AND NEAR RIGHT FLANGE IN TOP 2FT OF COLUMN. 1/4IN TAPERED SECTION LOSS, 1/4IN REMAINING AT NEAR LEFT FLANGE EDGE 2FT FROM TOP. (PAR)	
3354	Maintain Steel Substructure Components	LF	5	Bent 3 Pile 4: 1/16IN TAPERED SECTION LOSS, 7/16IN REMAINING AT ALL FLANGE EDGES 2FT FROM TOP. TYPICAL 100% DETERIORATION OF LATERAL BRACING. (PAR)	
3354	Maintain Steel Substructure Components	LF	5	Bent 3 Pile 6: 100% SECTION LOSS TO FAR RIGHT FLANGE AT TOP, 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING ALL OTHER FLANGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	6	Bent 2 Pile 1: UP TO 65% SECTION LOSS TO NEAR FLANGE, FAR FLANGE UP TO 50% SECTION LOSS ON LEFT SIDE. (PAR)	
3354	Maintain Steel Substructure Components	LF	6	Bent 2 Pile 3: 90% SECTION LOSS TO NEAR RIGHT FLANGE. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING TO NEAR LEFT FLANGE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT FAR FLANGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	6	Bent 2 Pile 4: KNIFE EDGING WITH 100% SECTION LOSS (1INW X 8IN H) AT FAR RIGHT FLANGE. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT FAR RIGHT, 1/8IN TAPERED SECTION LOSS AT NEAR RIGHT. (PAR)	
3354	Maintain Steel Substructure Components	LF	6	Bent 2 Pile 5: 3/8IN TAPERED SECTION LOSS 1/8IN REMAINING AT FAR RIGHT, 3/8IN REMAINING OTHER FLANGE EDGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	6	Bent 2 Pile 6: 100% SECTION LOSS (2IN W X 6IN H) AT FAR LEFT FLANGE EDGE. 1/8IN TAPERED SECTION LOSS AT OTHER FLANGE EDGES. (PAR)	

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MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3354	Maintain Steel Substructure Components	LF	5	Bent 1 Pile 1: KNIFE EDGING TO FAR FLANGES EDGES (50% SECTION LOSS), 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING TO NEAR FLANGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	5	Bent 1 Pile 2: UP TO 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	2	Bent 1 Pile 3: KNIFE EDGING TO NEAR RIGHT FLANGE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT OTHER FLANGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	5	Bent 1 Pile 4: 100% TAPERED SECTION LOSS (2IN W X 3 IN L) AT FAR LEFT FLANGE, 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT OTHER FLANGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	5	Bent 1 Pile 5: 3/8IN SECTION LOSS 1/8IN REMAINING AT FAR RIGHT FLANGE, 1/4IN SECTION LOSS 1/4IN REMAINING AT OTHER FLANGE EDGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	5	Bent 1 Pile 6: KNIFE EDGING ON LEFT FLANGE EDGES. 1/4IN SECTION LOSS 1/4IN REMAINING AT FAR RIGHT. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT NEAR RIGHT. (PAR)	
3354	Maintain Steel Substructure Components	LF	1	End Bent 1 Pile 1: 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING TO FLANGE EDGES. 50% SECTION LOSS TO TOP OF WEB. (PAR)	
3354	Maintain Steel Substructure Components	LF	1	End Bent 1 Pile 2: 100% SECTION LOSS TO RIGHT FLANGE EDGES (UP TO 6IN H X 2IN W) 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING TO LEFT FLANGE EDGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	1	End Bent 1 Pile 3: KNIFE EDGING TO FAR RIGHT FLANGE EDGE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING TO REMAINING FLANGE EDGES. (PAR)	

Bridge: 090015 County BRUNSWICK Date: 06/20/2019

	· · · · · · · · · · · · · · · · · · ·				
MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3354	Maintain Steel Substructure Components	ĽF	1	End Bent 1 Pile 5: KNIFE EDGING WITH 100% SECTION LOSS (1IN W X 6IN H) AT FAR LEFT FLANGE. 3/8IN TAPERED SECTION LOSS 1/8IN REMAINING TO FAR RIGHT FLANGE EDGE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING TO NEAR FLANGE EDGES. (PAR)	
3354	Maintain Steel Substructure Components	LF	1	End Bent 1 Pile 6: KNIFE EDGING TO NEAR LEFT FLANGE EDGE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING TO OTHER FLANGE EDGES. (PAR)	



Bridge: 090015 County BRUNSWICK

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

MMS Code	M	/IS Descrip	ion Quantity					
0	No	No Maintenance Required						
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
Priority Mair	ntenan	ce	Division Bridge Maintenance Noti	fication				
Submitted E	Date:	Submitte	d By:	Assisted By:				
06/22/2019		SHAWN	N AUSEL					
Details								
100% GEO	11014	.000 01 1	LATERAL BRACING AT BENT 2					
MMS Code	M	MS Descrip	ntion		Quantity			
0			ce Required		6	NA		
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
Priority Mair	ntenan	ce	Division Bridge Maintenance Noti	fication				
Submitted D	Date:	Submitte	d By:	Assisted By:				

Details

06/22/2019

100% SECTION LOSS OF LATERAL BRACING AT BENT 3

SHAWN AUSEL

Bridge: 090015 County BRUNSWICK

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

MMS Code	MI	ИS Descrip	ription Quantity					
0	No	No Maintenance Required						
Location:								
			Bent/Span No.					
Priority Leve	el		Status					
Priority Mair	ntenan	ice	Division Bridge Maintenance Noti	fication				
Submitted D	Date:	Submitte	d By:	Assisted By:				
06/22/2019		SHAWN	N AUSEL					
Details								
100 % SEC	IION L	.033 OF 1	LATERAL BRACING AT BENT 4					
	1							
MMS Code	M	MS Descrip	otion		Quantity			
0	No	Maintenan	ce Required		6	NA		
Location:								
			Bent/Span No.					
Priority Leve	əl		Status					
Priority Mair	ntenan	ice	Division Bridge Maintenance Noti	fication				
Submitted D	Date:	Submitte	d Bv:	Assisted By:				

Details

06/22/2019

100% SECTION LOSS OF LATERAL BRACING AT BENT 5

SHAWN AUSEL

Bridge: 090015 County BRUNSWICK

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

MMS Code	MM	MMS Description				Quantity		
0	No N	/laintenan	ce Required		6	NA		
Location:	Location:							
Bent/Span No.								
Priority Level Status		Status						
Priority Maintenance Divisi		ce	Division Bridge Maintenance Notification					
Submitted D	ate:	Submitte	d By:	Assisted By:				
06/22/2019		SHAWN	AUSEL					
Details								
100% SECT	ION LO	OSS OF L	ATERAL BRACING AT BENT 6					

MMS Code	MN	MMS Description				Quantity	
3354	Mai	ntain Stee	el Substructure Components		1	LF	
Location:							
Bent/Span No.							
Priority Level			Status				
Priority Maintenance		ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	ed By: Assisted By:				
06/22/2019		SHAWN	N AUSEL				
Details							
Bent 6 Pile 1: 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGE 2FT FROM TOP. 1IN DIAMETER HOLE TOP OF FAR RIGHT FLANGE. (PAR)							

Bridge: 090015 County BRUNSWICK

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

MMS Code	MMS Description				Quantity		
3354	Maintain Steel Substructure Components				3	LF	
Location:							
Bent/Span No.							
Priority Level			Status				
Priority Maintenance			Division Bridge Maintenance Notification				
Submitted Da	ate: Subr	itte	d By:	Assisted By:			
06/22/2019	SHA	W۱	I AUSEL				
Details							
Bent 6 Pile 2: 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES TO FEET FROM TOP. (PAR)							

MMS Code	MN	MMS Description				Quantity	
3354	Mai	Maintain Steel Substructure Components				LF	
Location:							
Bent/Span No.							
Priority Level			Status				
Priority Maintenance		ice	Division Bridge Maintenance Notification				
Submitted D	Date:	Submitted By:		Assisted By:			
06/22/2019		SHAWN AUSEL					
Details							
Bent 6 Pile 3: 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES 2FT FROM TOP. 1IN DIAMETER HOLE IN FAR RIGHT FLANGE. 100% SECTION LOSS (2IN W X 6IN H) TO NEAR RIGHT FLANGE 1FT FROM TOP. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES 2FT FROM TOP. (PAR (PAR)							

Bridge: 090015 County BRUNSWICK

MMS Code	MMS De	escrip	otion		Quantity		
3354	Maintain	Maintain Steel Substructure Components			4	LF	
Location:	Location:						
	Bent/Span No.						
Priority Leve	I		Status				
Priority Main	tenance		Division Bridge Maintenance Notification				
Submitted D	ate: Subi	mitte	d By:	Assisted By:			
06/22/2019	SH	AWN	I AUSEL				
Details							
	Bent 6 Pile 4: 100% SECTION LOSS TO FAR LEFT FLANGE AT TOP. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES 2-FT FROM TOP. (PAR)					J	

MMS Code	MN	MMS Description			Quantity		
3354	Mai	aintain Steel Substructure Components			3	LF	
Location:	Location:						
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ice	Division Bridge Maintenance Notification				
Submitted D	Date:	Submitte	d By:	Assisted By:			
06/22/2019		SHAWN	I AUSEL				
Details							
Bent 6 Pile 6: KNIFE EDGING AT NEAR LEFT FLANGE WITH UP TO 50% SECTION LOSS. 1IN DIAMETER HOLE IN FAR LEFT FLANGE AT TOP. (PAR)							

Bridge: 090015 County BRUNSWICK

MMS Code	MMS De	escrip	ition		Quantity		
3354	Maintain	Steel	Substructure Components		1	LF	
Location:							
Bent/Span No.							
Priority Leve	I		tatus				
Priority Maintenance			Division Bridge Maintenance Notification				
Submitted D	ate: Sub	omitte	d By:	Assisted By:			
06/22/2019	SH	HAWN	AUSEL				
Details							
End Bent 2 Pile 1: KNIFE EDGING WITH UP TO 50% SECTION LOSS TO THE NEAR RIGHT FLANGE. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT NEAR LEFT FLANGE EDGE. 1/16IN SECTION LOSS AT FAR FLANGE EDGES. (PAR)					AR		

MMS Code	MN	MMS Description					
3354	Mai	Maintain Steel Substructure Components			1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	itenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/22/2019		SHAWN	I AUSEL				
Details							
	End Bent 2 Pile 3: KNIFE EDGING WITH UP TO 50% SECTION LOSS TO NEAR LEFT AND FAR RIGHT FLANGES. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES. (PAR)						

Bridge: 090015 County BRUNSWICK

MMS Code	MMS Desc	ription		Quantity		
3354	Maintain Ste	el Substructure Components		1	LF	
Location:						
Bent/Span No.						
Priority Leve	I	Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted D	ate: Submit	ted By:	Assisted By:			
06/22/2019	SHAV	/N AUSEL				
Details						
End Bent 2 Pile 4: KNIFE EDGING TO NEAR RIGHT FLNGE WITH UP TO 50% SECTION LOSS. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES. (PAR)					RED	

MMS Code	MN	MMS Description			Quantity		
3354	Mai	Maintain Steel Substructure Components			1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	itenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/22/2019		SHAWN	I AUSEL				
Details							
	End Bent 2 Pile 5: 3/8IN TAPERED SECTION LOSS 1/8IN REMAINING AT NEAR FLANGE EDGES AND FAR LEFT FLANGE EDGE. 1/4IN TAPERED SECTION LOSS AT FAR RIGHT. (PAR)					LEFT	

Bridge: 090015 County BRUNSWICK

MMS Code	MMS	Descrip	otion		Quantity		
3354	Mainta	laintain Steel Substructure Components			1	LF	
Location:	Location:						
	Bent/Span No.						
Priority Leve	el		Status				
Priority Main	tenance	)	Division Bridge Maintenance Notification				
Submitted D	ate: S	Submitte	d By:	Assisted By:			
06/22/2019	;	SHAWN	I AUSEL				
Details							
			CTION LOSS (3IN W X 2IN H) AT AINING AT ALL FLANGE EDGES	NEAR RIGHT FLANGE AT TOP. 1/4 AT GROUND LINE. (PAR)	IN TAPERE	D	

MMS Code	M	MMS Description			Quantity		
3354	Mai	ntain Stee	Substructure Components		4	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ice	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/22/2019		SHAWN	I AUSEL				
Details							
				OSS WITH A 1IN X 1IN SECTION OF IAINING AT OTHER FLANGE EDGE		CTINO	

Bridge: 090015 County BRUNSWICK

MMS Code	MMS Descri	ption		Quantity	Quantity		
3354	Maintain Stee	el Substructure Components		4	LF		
Location:	Location:						
	Bent/Span No.						
Priority Leve	I	Status					
Priority Main	tenance	Division Bridge Maintenance Notification					
Submitted Da	ate: Submitte	ed By:	Assisted By:				
06/22/2019	SHAW	N AUSEL					
Details							
Details  Bent 5 Pile 2: 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT NEAR RIGHT FLANGE EDGE. 1IN DIAMETER HOLE TOP OF FAR LEFT FLANGE. (PAR)							

MMS Code	MN	MMS Description					
3354	Mai	aintain Steel Substructure Components			3	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/22/2019		SHAWN	I AUSEL				
Details							
TAPERED S	Bent 5 Pile 3: 50% SECTION LOSS AT FAR RIGHT FLANGE AT 1.5IN DIAMERTER HOLE LOCATION. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT NEAR LEFT. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT FAR LEFT FLANGE EDGE. (PAR)						

Bridge: 090015 County BRUNSWICK

MMS Code M	MS Descrip	otion		Quantity		
3354 Ma	aintain Steel Substructure Components				LF	
Location:						
		Bent/Span No.				
Priority Level		Status				
Priority Maintena	nce	Division Bridge Maintenance Notification				
Submitted Date:	Submitte	d By:	Assisted By:			
06/22/2019	SHAWN	AUSEL				
Details						
Bent 5 Pile 4: KNIFE EDGING AT NEAR LEFT FLANGE WITH UP TO 50% SECTION LOSS. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT NEAR RIGHT FLANGE EDGE. 100% SECTION LOSS (2IN W X 3IN H) 6IN FROM TOP AT FAR LEFT FLANGE. (PAR)						

					Quantity		
MMS Code	MN	MMS Description					
3354	Mai	Maintain Steel Substructure Components			5	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ice	Division Bridge Maintenance Notification				
Submitted D	Date:	Submitte	d By:	Assisted By:			
06/22/2019		SHAWN	AUSEL				
Details							
SECTION L	Bent 5 Pile 5: KNIFE EDGING AT FAR RIGHT FLANGE WITH UP TO 50% SECTION LOSS. 3/8IN TAPERED SECTION LOSS 1/8IN REMAINING AT NEAR RIGHT. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT NEAR LEFT FLANGE EDGES. (PAR)						

Bridge: 090015 County BRUNSWICK

MMS Code	MMS Desc	iption		Quantity		
3354	Maintain Ste	Maintain Steel Substructure Components				
Location:	Location:					
		Bent/Span No.				
Priority Leve	I	Status				
Priority Main	tenance	Division Bridge Maintenance Notification				
Submitted Da	ate: Submit	ed By:	Assisted By:			
06/22/2019	SHAW	N AUSEL				
Details						
Bent 5 Pile 6: HEAVY PITTING WITH UP TO 50% SECTION LOSS TO NEAR RIGHT AND FAR RIGHT FLANGES. (PAR)						

MMS Code	MMS	Descrip	otion		Quantity	
3354	Mainta	ain Steel	Substructure Components		5	LF
Location:						
			Bent/Span No.			
Priority Level			Status			
Priority Mainto	enance		Division Bridge Maintenance Notification			
Submitted Da	ate: S	Submitte	d By:	Assisted By:		
06/22/2019	5	SHAWN	I AUSEL			
Details						
Details  Bent 4 Pile 3: 100% SECTION LOSS TO HALF OF THE WEB TO TOP CAP INTERFACE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT ALL FLANGE EDGES. (PAR)						

Bridge: 090015 County BRUNSWICK

MMS Code	MMS I	Descrip	otion		Quantity		
3354	Maintai	Maintain Steel Substructure Components			5	LF	
Location:	Location:						
			Bent/Span No.				
Priority Leve	1		Status				
Priority Main	tenance		Division Bridge Maintenance Notification				
Submitted D	ate: Su	ubmitte	d By:	Assisted By:			
06/22/2019	S	SHAWN	I AUSEL				
Details							
			ED SECTION LOSS 1/8IN REMAIN AT OTHER FLANGE EDGES. (PA	IING AT FAR RIGHT FLANGE EDGI R)	E. 1/4IN		

MMS Code	MN	MMS Description Q					
3354	Mai	Maintain Steel Substructure Components					
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	ntenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/22/2019		SHAWN	I AUSEL				
Details							
	Details  Bent 4 Pile 5: KNIFE EDGING TO FAR RIGHT FLANGE. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT BOTH LEFT FLANGE EDGES. (PAR)						

Bridge: 090015 County BRUNSWICK

MMS Code	MMS	Descrip	otion		Quantity		
3354	Mainta	Maintain Steel Substructure Components			2	LF	
Location:							
			Bent/Span No.				
Priority Leve	ıl		Status				
Priority Main	tenance	)	Division Bridge Maintenance Notification				
Submitted D	ate: S	Submitte	d By:	Assisted By:			
06/22/2019	,	SHAWN	I AUSEL				
Details							
	Details  Bent 4 Pile 6: 100% SECTION LOSS TO FAR LEFT FLANGE. KNIFE EDGED WITH UP TO 50% SECTION LOSS TO FAR RIGHT FLANGE. (PAR)						

MMS Code	MN	MMS Description Qu					
3354	Mair	Maintain Steel Substructure Components				LF	
Location:							
			Bent/Span No.				
Priority Leve	I		Status				
Priority Main	tenan	се	Division Bridge Maintenance Notification				
Submitted Da	ate:	Submitte	d By:	Assisted By:			
06/22/2019		SHAWN	I AUSEL				
Details							
	Details  Bent 3 Pile 1: 1/4IN FULL LENGTH SECTION LOSS, 1/4IN REMAINING AT TOP 2IN OF COLUMN AT LEFT FLANGE EDGES, 1/8IN SECTION LOSS ON LEFT SIDE. (PAR)						

Bridge: 090015 County BRUNSWICK

MMS Code	MMS	Descrip	otion		Quantity			
3354	Mainta	Maintain Steel Substructure Components			5	LF		
Location:								
			Bent/Span No.					
Priority Leve	ıl		Status	Status				
Priority Main	tenance		Division Bridge Maintenance Notification					
Submitted D	ate: S	ubmitte	d By:	Assisted By:				
06/22/2019	5	SHAWN	I AUSEL					
Details								
	Bent 3 Pile 2: 100% SECTION LOSS (2IN W X 12IN H) TO FAR LEFT FLANGE. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL OTHER FLANGE EDGES 2FT FROM TOP. WEB IS HEAVILY PITTED. (PAR)							

MMS Code	MN	//S Descrip	otion		Quantity		
3354	Mai	Maintain Steel Substructure Components				LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/22/2019		SHAWN	I AUSEL				
Details							
W X 12IN H	Details  Bent 3 Pile 3: 60% SECTION LOSS TO BOTH SIDES (UP TO 100% SECTION LOSS TO FLANGE EDGES FOR 2IN W X 12IN H) OF FAR FLANGE AND NEAR RIGHT FLANGE IN TOP 2FT OF COLUMN. 1/4IN TAPERED SECTION LOSS, 1/4IN REMAINING AT NEAR LEFT FLANGE EDGE 2FT FROM TOP. (PAR)						

Bridge: 090015 County BRUNSWICK

MMS Code	MMS	Descrip	otion		Quantity			
3354	Mainta	Maintain Steel Substructure Components			5	LF		
Location:	Location:							
			Bent/Span No.					
Priority Leve	l		Status	Status				
Priority Maintenance			Division Bridge Maintenance Notification					
Submitted Da	ate: Si	ubmitte	d By:	Assisted By:				
06/22/2019	5	SHAWN	AUSEL					
Details								
	Bent 3 Pile 4: 1/16IN TAPERED SECTION LOSS, 7/16IN REMAINING AT ALL FLANGE EDGES 2FT FROM TOP. TYPICAL 100% DETERIORATION OF LATERAL BRACING. (PAR)							

MMS Code	MN	MMS Description					
3354	Mai	ntain Stee	Substructure Components		5	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/22/2019		SHAWN	I AUSEL				
Details							
			ON LOSS TO FAR RIGHT FLANGE LANGES. (PAR)	AT TOP, 1/4IN TAPERED SECTION	N LOSS 1/4	IN	

Bridge: 090015 County BRUNSWICK

MMS Code	MMS	Descrip	otion		Quantity			
3354	Mainta	Maintain Steel Substructure Components			6	LF		
Location:	Location:							
			Bent/Span No.					
Priority Leve	ıl		Status	Status				
Priority Main	tenance	)	Division Bridge Maintenance Notification					
Submitted D	ate: S	Submitte	d By:	Assisted By:				
06/22/2019		SHAWN	I AUSEL					
Details								
Bent 2 Pile 1 LEFT SIDE.		) 65% S	ECTION LOSS TO NEAR FLANGE	E, FAR FLANGE UP TO 50% SECTION	O REOL NC	N		

MMS Code	MN	MMS Description Quantity					
3354	Mai	ntain Stee	Substructure Components		6	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/22/2019		SHAWN	I AUSEL				
Details							
	Bent 2 Pile 3: 90% SECTION LOSS TO NEAR RIGHT FLANGE. 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING TO NEAR LEFT FLANGE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT FAR FLANGES.						

Bridge: 090015 County BRUNSWICK

MMS Code	MM	S Descrip	otion		Quantity	
3354	Main	aintain Steel Substructure Components			6	LF
Location:	Location:					
			Bent/Span No.			
Priority Leve	1		Status			
Priority Main	tenanc	e	Division Bridge Maintenance Notification			
Submitted Da	ate:	Submitte	d By:	Assisted By:		
06/22/2019		SHAWN	I AUSEL			
Details						
				INW X 8IN H) AT FAR RIGHT FLAN Γ, 1/8IN TAPERED SECTION LOSS		IGHT.

MMS Code	MN	MMS Description			Quantity	
3354	Mai	aintain Steel Substructure Components			6	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Priority Mair	ntenan	ce	Division Bridge Maintenance Notification			
Submitted D	ate:	Submitte	d By:	Assisted By:		
06/22/2019		SHAWN	I AUSEL			
Details						
Bent 2 Pile 9			ED SECTION LOSS 1/8IN REMAIN	IING AT FAR RIGHT, 3/8IN REMAIN	IING OTHE	R

Bridge: 090015 County BRUNSWICK

MMS Code	MMS	Descrip	tion		Quantity			
3354	Maintai	Maintain Steel Substructure Components			6	LF		
Location:	Location:							
Bent/Span No.								
Priority Leve	I		Status	Status				
Priority Main	tenance		Division Bridge Maintenance Notification					
Submitted Da	ate: Su	ubmitted	d By:	Assisted By:				
06/22/2019	S	SHAWN	AUSEL					
Details								
			N LOSS (2IN W X 6IN H) AT FAR EDGES. (PAR)	LEFT FLANGE EDGE. 1/8IN TAPER	RED SECTION	ON		

MMS Code	MN	MMS Description					
3354	Mai	ntain Stee	Substructure Components		5	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Mair	ntenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/22/2019		SHAWN	I AUSEL				
Details							
			G TO FAR FLANGES EDGES (50° D NEAR FLANGES. (PAR)	% SECTION LOSS), 1/8IN TAPEREI	D SECTION		

Bridge: 090015 County BRUNSWICK

MMS Code	MMS D	escrip	tion		Quantity			
3354	Maintain	n Steel	Substructure Components		5	LF		
Location:	Location:							
Bent/Span No.								
Priority Level			Status	Status				
Priority Main	tenance		Division Bridge Maintenance Notification					
Submitted D	ate: Sub	bmitted	d By:	Assisted By:				
06/22/2019	SH	HAWN	AUSEL					
Details								
Bent 1 Pile 2	Bent 1 Pile 2: UP TO 1/4IN TAPERED SECTION LOSS 1/4IN REMAINING AT ALL FLANGE EDGES. (PAR)							

MMS Code	MN	MMS Description Qua				
3354	Mai	Maintain Steel Substructure Components			2	LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Priority Main	itenan	ice	Division Bridge Maintenance Notification			
Submitted D	ate:	Submitte	d By:	Assisted By:		
06/22/2019		SHAWN	I AUSEL			
Details						
Bent 1 Pile 3: KNIFE EDGING TO NEAR RIGHT FLANGE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING AT OTHER FLANGES. (PAR)						

Bridge: 090015 County BRUNSWICK

MMS Code	MM	S Descrip	otion		Quantity			
3354	Main	Maintain Steel Substructure Components			5	LF		
Location:	Location:							
	Bent/Span No.							
Priority Leve	I		Status	Status				
Priority Main	tenanc	e	Division Bridge Maintenance Notification					
Submitted Da	ate:	Submitte	d By:	Assisted By:				
06/22/2019		SHAWN	I AUSEL					
Details								
			ED SECTION LOSS (2IN W X 3 IN AINING AT OTHER FLANGES. (P	L) AT FAR LEFT FLANGE, 1/4IN TA	APERED			

MMS Code	MN	MMS Description					
3354	Mai	Maintain Steel Substructure Components				LF	
Location:							
			Bent/Span No.				
Priority Level			Status				
Priority Maintenance		ice	Division Bridge Maintenance Notification				
Submitted D	Date:	Submitte	d By:	Assisted By:			
06/22/2019		SHAWN	I AUSEL				
Details							
			N LOSS 1/8IN REMAINING AT FA ANGE EDGES. (PAR )	R RIGHT FLANGE, 1/4IN SECTION	LOSS 1/4IN	N	

Bridge: 090015 County BRUNSWICK

MMS Code	MMS De	scrip	otion		Quantity			
3354	Maintain S	Maintain Steel Substructure Components			5	LF		
Location:	Location:							
			Bent/Span No.					
Priority Leve	I		Status	Status				
Priority Main	tenance		Division Bridge Maintenance Notification					
Submitted Da	ate: Subr	nitte	d By:	Assisted By:				
06/22/2019	SHA	۱W۸	I AUSEL					
Details								
			IG ON LEFT FLANGE EDGES. 1/4 ECTION LOSS 3/8IN REMAINING A	IN SECTION LOSS 1/4IN REMAININ AT NEAR RIGHT. (PAR)	NG AT FAR			

MMS Code	MN	MMS Description Quantity				
3354	Mair	Maintain Steel Substructure Components				LF
Location:						
			Bent/Span No.			
Priority Leve	Priority Level		Status			
Priority Main	tenan	се	Division Bridge Maintenance Notification			
Submitted Da	ate:	Submitte	d By:	Assisted By:		
06/22/2019		SHAWN	I AUSEL			
Details						
End Bent 1 F TO TOP OF			PERED SECTION LOSS 3/8IN REI	MAINING TO FLANGE EDGES. 50%	SECTION I	LOSS

Bridge: 090015 County BRUNSWICK

MMS Code	MN	1S Descrip	otion		Quantity		
3354	Mair	Maintain Steel Substructure Components			1	LF	
Location:	Location:						
	Bent/Span No.						
Priority Leve	el		Status				
Priority Main	itenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/22/2019		SHAWN	I AUSEL				
Details							
			CTION LOSS TO RIGHT FLANGE AINING TO LEFT FLANGE EDGE	EDGES (UP TO 6IN H X 2IN W) 1/8 S. (PAR)	BIN TAPERE	:D	

MMS Code	MN	MMS Description Quar					
3354	Mai	aintain Steel Substructure Components			1	LF	
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Main	ntenan	се	Division Bridge Maintenance Notification				
Submitted D	ate:	Submitte	d By: Assisted By:				
06/22/2019		SHAWN	I AUSEL				
Details							
End Bent 1 Pile 3: KNIFE EDGING TO FAR RIGHT FLANGE EDGE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING TO REMAINING FLANGE EDGES. (PAR)							

Bridge: 090015 County BRUNSWICK

MMS Code	MM	MMS Description					
3354	Main	tain Steel	1	LF			
Location:							
			Bent/Span No.				
Priority Leve	el		Status				
Priority Maintenance Division Bridge Maintenance			Division Bridge Maintenance Noti	Notification			
Submitted D	ate:	Submitte	d By:	Assisted By:			
06/22/2019		SHAWN	I AUSEL				
Details							
End Bent 1 Pile 5: KNIFE EDGING WITH 100% SECTION LOSS (1IN W X 6IN H) AT FAR LEFT FLANGE. 3/8IN TAPERED SECTION LOSS 1/8IN REMAINING TO FAR RIGHT FLANGE EDGE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING TO NEAR FLANGE EDGES. (PAR)							
MMS Code	MM	S Descrip	otion		Quantity		
3354		•	Substructure Components	1	LF		

MMS Code	MN	MMS Description Qua				
3354	Maii	ntain Stee	Substructure Components		1	LF
Location:						
			Bent/Span No.			
Priority Leve	ı]		Status			
Priority Maintenance Division Bridge Maintenance Notification			fication			
Submitted D	ate:	Submitte	d By:	Assisted By:		
06/22/2019		SHAWN	I AUSEL			
Details						
End Bent 1 Pile 6: KNIFE EDGING TO NEAR LEFT FLANGE EDGE. 1/8IN TAPERED SECTION LOSS 3/8IN REMAINING TO OTHER FLANGE EDGES. (PAR)						

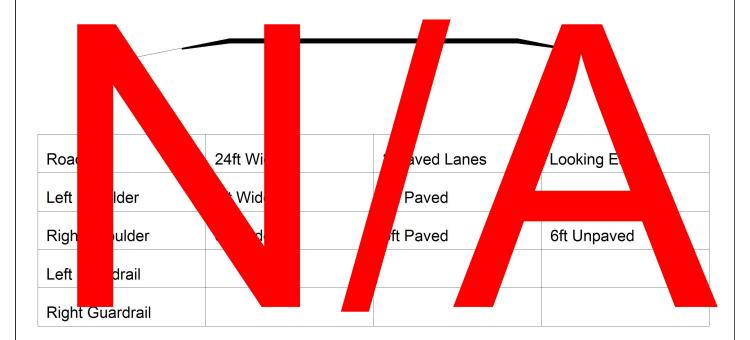


Roadway	24.5ft Wide	2 Paved Lanes	Looking East
Left Shoulder	3ft Wide	3ft Paved	
Right Shoulder	2ft Wide	2ft Paved	
Left Guardrail	3ft from road		
Right Guardrail	2ft from road		

MEASUREMENTS TAKEN @ NEAR END OF STRUCTURE

REVISED 6-20-19 BY TSA & MGB CHECKED RGM 6-12-17

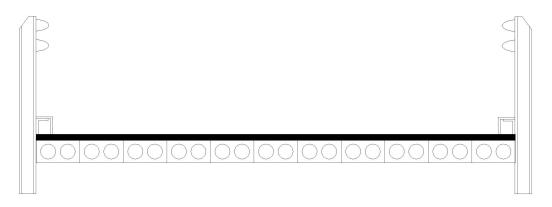
Title		Description		
ROADWAY		LOOKING EAST AT WEST END		
Bridge No: 090015	Drawn By: HBC	Date: 07/14/2005	File Name: \$0042000711	



#### VERIFIED BY RGM ON 6-22-15

Title			Description			
N/A ROADWAY			LOOKING EAST, 100FT. WEST OF B RIDGE			
Bridge No: 090015	Drawn By: HBC		Date: 07/14/2005	File Name: \$0042000712		

Deck Width/Out to Out 30.25ft			Between Rails			
Clear Roadway	29.333ft	Wearir	ng Surface			0.375ft
Median Width		Median Height				
Curb Height			.333ft	Right	.333	3ft
Sidewalk Width		Left		Right		
Clear Roadway (Rail to Media	n)	Left		Right		
Guardrail Width			.833ft	Right	.833	3ft
Top of Rail to Deck/Wearing Surface			2.333ft	Right	2.3	33ft
Bridge Rail	Left	Type 23	Right	Тур	e 23	

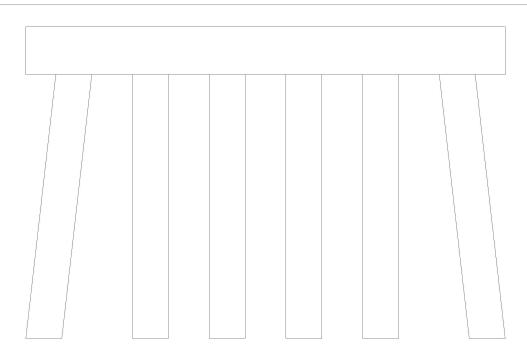


Measurements for Span #	1		
Deck Thickness	0	Left Overhang	0
Top of Rail to Bottom of Beam	4.12	Right Overhang	0

Number of Slabs	Slab Width	Slab Height	Comments
11	2.75ft	1.417ft	

REVISED 6-20-19 BY TSA & MGB CHECKED RGM 6-12-17

Title		Descri	ption		
SUPERSTRUCTURE			LOOKING NORTH		
Bridge No: 090015	Drawn By: HBC		Date: 08/10/2005	File Name: \$0042000845	

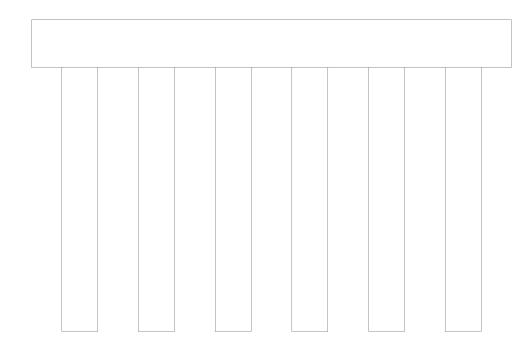


Bent #	1		Bents 2,3,4,5,6 similar	
Cap - Pre-Cast				
Cap Size	32.167ft Long		1.5ft Wide	1.250ft High
Left Overhang	2.250ft	Lt (	Cap/Beam Overhang	2.333ft
Right Overhang	2.417ft	Rt	Cap/Beam Overhang	2.375ft

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Steel	Pile Bent	5.5FT.		1FT.		Batter Pile
2	Steel	Pile Bent	5.5FT.		1FT.		Vertical
3	Steel	Pile Bent	5.5FT.		1FT.		Vertical
4	Steel	Pile Bent	5.5FT.		1FT.		Vertical
5	Steel	Pile Bent	5.5FT.		1FT.		Vertical
6	Steel	Pile Bent			1FT.		Batter Pile

#### VERIFIED 2/20/19 BY TSA

Title		Descri	ption	
SUBSTRUCTURE		LOOKI	NG NORTH	
Bridge No: 090015	Drawn By: HBC		Date: 08/10/2005	File Name: \$0042000846



End Bent#	1		End Bent 2 similar	
Cap - Pre-Cast				
Cap Size	32.167ft Long		1.5ft Wide	1.250ft High
Left Overhang	2.250ft	Lt (	Cap/Beam Overhang	2.333ft
Right Overhang	2.417ft	Rt	Cap/Beam Overhang	2.375ft

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Steel	Pile Bent	5.5FT.		1FT.		Vertical
2	Steel	Pile Bent	5.5FT.		1FT.		Vertical
3	Steel	Pile Bent	5.5FT.		1FT.		Vertical
4	Steel	Pile Bent	5.5FT.		1FT.		Vertical
5	Steel	Pile Bent	5.5FT.		1FT.		Vertical
6	Steel	Pile Bent			1FT.		Vertical

VERIFIED 6-20-19 BY TSA CHECKED RGM 6-12-17

Title		Descri	ption					
SUBSTRUCTURE 2			LOOKING NORTH					
Bridge No: 090015	Drawn By: HBC		Date: 08/10/2005	File Name: \$0042000847				

