

DIVISION OF HIGHWAYS

STRUCTURE MANAGEMENT UNIT

NC DEPARTMENT OF TRANSPORTATION

# **Structure Safety Report**

**Routine Element Inspection - Contract** 

**INSPECTION DATE:** 05/01/2018

DIVISION: 6	COUNTY: ROBESON	STRUCTURE NUMBER: 770165	FREQUENCY:	24 MONTHS
	: 195 SBL		MILE POST: 34.9	
LOCATION: 0.8 MI.	N. OF JCT SR1726			
FEATURE INTERSE	CTED: LITTLE MARSH SWAM	ЛР		
LATITUDE: 34° 51	' 31.22"	LONGITUDE: 78° 57' 56.87"		
SUPERSTRUCTURE	RC FLOOR/PPC GIRDER			
	.BT&INT.BTS:RC CAPS/PPC	PILES @ 8'2 CTS.		
SPANS: 4 SPANS	S. SEE SPAN PROFILE SHEE	ET FOR SPAN DETAILS		
FRACTURE CR	ITICAL TEMPORARY		SCOUR PLAN OF	ACTION
GRADES: DECK			VERT N	
POSTED SV: Not I	Posted Not Posted	POSTED TTST: Not Po	sted Not F	Posted

#### OTHER SIGNS PRESENT: None



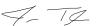
	n notice sued for		Number Required
_	NO	WEIGHT LIMIT	0
_	NO	DELINEATORS	0
	NO	NARROW BRIDGE	0
	NO	ONE LANE BRIDGE	0
	NO	LOW CLEARANCE	0



MATCHES PLANS

South approach looking North

INSPECTED BY JAMES TALACEK



## **Structure Element Scoring**

#### Structure Number: 770165

## Inspection Date 5/1/2018

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	o	Reinforced Concrete Deck	Deck	5050	5048	o	2	0
109	0	Prestressed Concrete Open Girder/Beam	Beam	608	608	0	0	0
202	0	Steel Column	Piles and Columns	8	8	0	0	0
515	202	Steel Protective Coating	Piles and Columns	22	22	0	0	0
204	0	Prestressed Concrete Column	Piles and Columns	1	0	1	0	0
226	0	Prestressed Concrete Pile	Piles and Columns	11	0	11	0	0
231	0	Steel Pier Cap	Caps	164	164	0	0	0
515	231	Steel Protective Coating	Caps	1504	1504	0	0	0
233	0	Prestressed Concrete Pier Cap	Caps	84	84	0	0	0
313	0	Fixed Bearing	Bearing Device	32	6	26	0	0
515	313	Steel Protective Coating	Bearing Device	32	6	1	25	0
321	0	Reinforced Concrete Approach Slabs	Approaches	0	0	0	0	0
333	0	Other Bridge Railing	Bridge Rail	304	247	54	3	0
510	0	Wearing Surface	Wearing Surfaces	4239	4183	0	56	0

## **Summary of Maintenance Needs**

Maintenance By Defect

Structure Number: 770165

Inspection Date: 05/01/2018

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Delamination/Spall	2 Square Feet
3318	Other Bridge Railing	Damage	20 Feet
3318	Other Bridge Railing	Delamination/Spall	37 Feet
2816	Wearing Surface	Crack (Wearing Surface)	56 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	26 Square Feet

## **Element Structure Maintenance Quantities**

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Approaches	3353	Maintenance of Concrete Bridge Approach Slabs	0	0	0	0	0	0
Beam	3306	Maintenance Concrete Superstructure Components	0	608	0	0	0	608
Bearing Device	3334	Bridge Bearing	0	32	0	0	26	6
Bearing Device	3342	Clean and Paint Steel	26	32	0	25	1	6
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	57	304	0	3	54	247
Caps	3342	Clean and Paint Steel	0	1504	0	0	0	1504
Caps	3348	Maintenance of Concrete Substructure	0	84	0	0	0	84
Caps	3354	Maintenance of Steel Substructure Components	0	164	0	0	0	164
Deck	3326	Maintenance of Concrete Deck	2	5050	0	2	0	5048
Piles and Columns	3342	Clean and Paint Steel	0	22	0	0	0	22
Piles and Columns	3348	Maintenance of Concrete Substructure	0	12	0	0	12	0
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	8	0	0	0	8
Wearing Surfaces	2816	Asphalt Surface Repair	56	4239	0	56	0	4183

## **Element Condition and Maintenance Data**

0	er: <u>770165</u>	<b>D</b>				In		
Span 1		Beam 1						
Prestres	sed Concrete Girde	r						
Element			Total	CS1	CS2	CS3	CS4	
Number		ment Name	Qty	Qty	Qty	Qty	Qty	
109	Prestressed Con	crete Open Girder/Beam	38	38	0	0	0 Feet	
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
Gene	ral Comments							
í	at beam ends over interior	bents, exposed strand ends						
Span 1		Beam 2						
Prestres	sed Concrete Girde	r						
Element			Total	CS1	CS2	CS3	CS4	
Number		ment Name	Qty	Qty	Qty	Qty	Qty	
109	Prestressed Con	crete Open Girder/Beam	38	38	0	0	0 Feet	
lement Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
	ral Comments at beam ends over interior	bents, exposed strand ends						
Span 1		Beam 3						
Prestres	sed Concrete Girde	r						
Element			Total	CS1	CS2	CS3	CS4	
Number 109		ment Name crete Open Girder/Beam	<b>Qty</b> 38	<b>Qty</b> 38	<b>Qty</b> 0	<b>Qty</b> 0	<b>Qty</b> 0 Feet	
109	Flestiessed Con		50	50	0	0	0 reet	
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	
Gene	ral Comments							
é	at beam ends over interior	bents, exposed strand ends						
Span 1		Beam 4						
Prestres	sed Concrete Girde	r						
Element			Total	CS1	CS2	CS3	CS4	
Number		ment Name	Qty	Qty	Qty	Qty	Qty	
109	Prestressed Con	crete Open Girder/Beam	38	38	0	0	0 Feet	
105								
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
Element Number		Defect Description			CS	CS Qty		
Element Number Gene	ral Comments	Defect Description			CS	CS Qty		
Element Number Gene	ral Comments				CS	CS Qty		
Element Number Gene Span 1	ral Comments	bents, exposed strand ends			CS	CS Qty		
Element Number Gene Span 1 Asphalt Element	ral Comments at beam ends over interior Wearing Surface	bents, exposed strand ends Wearing Surface	Total	CS1	CS2	CS3	Qty CS4	
Element Number Gene Span 1 Asphalt Element Number	ral Comments at beam ends over interior Wearing Surface Ele	bents, exposed strand ends Wearing Surface ment Name	Total Qty	Qty	CS2 Qty	CS3 Qty	Qty CS4 Qty	
Element Number Gene Span 1 Asphalt Element	ral Comments at beam ends over interior Wearing Surface	bents, exposed strand ends Wearing Surface ment Name	Total		CS2	CS3	Qty CS4	Feet

#### Structure Number: 770165

510 Crack (Wearing Surface)

Corrosion

Effectiveness (Steel

313 515 28

3

2

3

1

1

Each

1 Square Feet

28 Square Feet

Surface)	N
General Comments	

Span	•	Left Brid	dge Rail					
Conc	rete and Metal R	Railing						
Eleme Numb 333	ber	Element Name ridge Railing	Total Qty 38	<b>CS1</b> Qty 14	<b>CS2</b> Qty 24	<b>CS3</b> <b>Qty</b> 0	CS4 Qty 0 Fee	et
lement							Maint	
lumber 333 D	Defect Type Damage	Defect L along length of rail, vehicular in	Description	t x up to	<b>CS</b> 2	<b>CS Qty</b> 20	<b>Qty</b> 20 F	- eet
	Delamination/Spall	4in deflection] along length of rail at guardrail			2	4	4 F	Feet
	eneral Comments	to 5in diameter x up to 1in deep						
Span	1	Right B	ridge Rail					
Conc	rete and Metal R	Railing						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333		ridge Railing	38	34	4	0	0 Fee	et
lement	Defect Type	Defect C	Description		CS	CS Qty	Maint	
lumber 333 D	Delamination/Spall	along length of rail at guardrail	connections, multiple sp	alls [up	2	4 a	Qty 4 F	eet
Ge	eneral Comments	to 5in diameter x up to 1in deep	<u>סן</u>					
Span								
	1	Beam 1	Near Bearing					
Fixed	1 I Bearing	Beam 1	Near Bearing					
Eleme	Bearing		Total	CS1	CS2	CS3	CS4	
	Bearing	Element Name		<b>CS1</b> <b>Qty</b> 0	CS2 Qty 1	CS3 Qty 0	CS4 Qty 0 Ead	ch
Eleme Numb	l Bearing ent ber Fixed Br	Element Name	Total Qty	Qty	Qty	Qty	<b>Qty</b> 0 Ead	ch uare Feet
Eleme Numb 313 515 Element	l Bearing ent ber Fixed Br Steel Pr	Element Name earing rotective Coating	Total Qty 1 1	<b>Qty</b> 0	<b>Qty</b> 1 0	<b>Qty</b> 0 1	Qty 0 Ead 0 Squ Maint	
Eleme Numb 313 515 Element Number	I Bearing Ent Fixed Bi Steel Pr Defect Type	Element Name earing rotective Coating Defect D	Total Qty 1 1 Description	<b>Qty</b> 0	<b>Qty</b> 1	<b>Qty</b> 0	Qty 0 Ead 0 Squ Maint Qty	
Eleme Numb 313 515 Element Jumber 313 C 515 E	I Bearing Ent Steel Pr Steel Pr Defect Type Corrosion Effectiveness (Steel	Element Name earing rotective Coating	Total Qty 1 1 2 Description ction loss noted]	<b>Qty</b> 0 0	Qty 1 0 CS	Qty 0 1 CS Qty	Qty 0 Eac 0 Squ Maint Qty E	uare Feet
Eleme Numb 313 515 Element Jumber 313 C 515 E	I Bearing Ent Fixed Be Steel Pr Defect Type Corrosion	Element Name earing rotective Coating Defect D active surface corrosion [no se	Total Qty 1 1 2 Description ction loss noted]	<b>Qty</b> 0 0	Qty 1 0 CS 2	<b>Qty</b> 0 1 <b>CS Qty</b> 1	Qty 0 Eac 0 Squ Maint Qty E	uare Feet Each
Eleme Numb 313 515 Element Number 313 C 515 E F Ge	I Bearing Ent Fixed Bac Steel Pr Defect Type Corrosion Effectiveness (Steel Protective Coatings) eneral Comments	Element Name earing rotective Coating Defect D active surface corrosion [no se paint failure with active surface	Total Qty 1 1 2 Sescription ction loss noted] ction loss noted]	<b>Qty</b> 0 0	Qty 1 0 CS 2	<b>Qty</b> 0 1 <b>CS Qty</b> 1	Qty 0 Eac 0 Squ Maint Qty E	uare Feet Each
Eleme Numb 313 515 Element Number 313 C 515 E F Ge	I Bearing Fixed Bi Steel Pr Defect Type Corrosion Effectiveness (Steel Protective Coatings) eneral Comments	Element Name earing rotective Coating Defect D active surface corrosion [no se paint failure with active surface	Total Qty 1 1 2 Description ction loss noted]	<b>Qty</b> 0 0	Qty 1 0 CS 2	<b>Qty</b> 0 1 <b>CS Qty</b> 1	Qty 0 Eac 0 Squ Maint Qty E	uare Feet Each
Eleme Numb 313 515 Element Number 313 C 515 E F Ge Span Fixed	I Bearing Fixed Bi Steel Pr Defect Type Corrosion Effectiveness (Steel Protective Coatings) eneral Comments 1 I Bearing	Element Name earing rotective Coating Defect D active surface corrosion [no se paint failure with active surface	Total Qty 1 1 1 Description ction loss noted] corrosion [no section loss Far Bearing	Qty 0	Qty 1 0 CS 2 3	Qty 0 1 CS Qty 1 1	Qty 0 Eac 0 Squ Maint Qty 1 S	uare Feet Each
Eleme Numb 313 515 Element Number 313 C 515 E F Ge	I Bearing Fixed Bia Steel Pr Defect Type Corrosion Effectiveness (Steel Protective Coatings) eneral Comments 1 I Bearing ent	Element Name earing rotective Coating Defect D active surface corrosion [no se paint failure with active surface	Total Qty 1 1 2 Sescription ction loss noted] ction loss noted]	<b>Qty</b> 0 0	Qty 1 0 CS 2	<b>Qty</b> 0 1 <b>CS Qty</b> 1	Qty 0 Eac 0 Squ Maint Qty E	uare Feet Each
Eleme Numb 313 515 Element 313 C 515 E 515 E Ge Span Fixed Eleme	I Bearing Fixed Bia Steel Pr Defect Type Corrosion Effectiveness (Steel Protective Coatings) eneral Comments 1 I Bearing ent	Element Name earing rotective Coating Defect D active surface corrosion [no se paint failure with active surface Beam 1 Element Name	Total Qty 1 1 1 Description ction loss noted] corrosion [no section los Far Bearing Total	Qty 0 o ss noted]	Qty 1 0 CS 2 3 CS2	Qty 0 1 CS Qty 1 1 2 5 5 5 5 5	Qty 0 Eac 0 Squ Maint Qty 1 S	uare Feet
Eleme Numb 313 515 Iement Jumber 313 C 515 E F Ge Span Fixed Eleme Numb	I Bearing Fixed Bi Steel Pr Defect Type Corrosion Effectiveness (Steel Protective Coatings) eneral Comments 1 I Bearing Ent Defect Bi Fixed Bi Steel Pr	Element Name earing rotective Coating Defect D active surface corrosion [no se paint failure with active surface Beam 1 Element Name	Total Qty 1 1 2 Description ction loss noted] corrosion [no section los Far Bearing Far Bearing	Qty 0 0 ss noted] CS1 Qty	Qty 1 0 CS 2 3 3	Qty 0 1 CS Qty 1 1 2 CS3 Qty	Qty 0 Eac 0 Squ Maint Qty 1 S 1 S 0 Eac	uare Feet
Eleme Numb 313 515 Element Jumber 313 515 E F Ge Span Fixed Eleme Numb 313	I Bearing Fixed Bi Steel Pr Defect Type Corrosion Effectiveness (Steel Protective Coatings) eneral Comments 1 I Bearing Ent Defect Bi Fixed Bi Steel Pr	Element Name earing rotective Coating Defect D active surface corrosion [no se paint failure with active surface Beam 1 Element Name earing rotective Coating	Total Qty 1 1 2 bescription ction loss noted] corrosion [no section lose Far Bearing Far Bearing Total Qty 1	Qty 0 o ss noted] CS1 Qty 0	Qty 1 0 CS 2 3 3 CS2 Qty 1	Qty 0 1 CS Qty 1 1 1 2 0	Qty 0 Eac 0 Squ Maint Qty 1 S 1 S 0 Eac	uare Feet

active surface corrosion [no section loss noted]

paint failure with active surface corrosion [no section loss noted]

Protective Coatings)

**General Comments** 

Spa	n 1		Beam 3 F	ar Bearing					
Fixe	ed Bea	aring							
	nent nber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed B	earing	1	0	1	0	0	Each
515		Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Number	· ·	Defect Type	Defect Des	scription		CS	CS Qty	Maint Qty	
313	Corros	sion	active surface corrosion [no secti	on loss noted]		2	1	-	Each
515 Effectiveness (Steel pair Protective Coatings)			paint failure with active surface corrosion [no section loss noted]			3	1		1 Square Feet

Spa	an 1	Beam 4 Ne	ar Bearing				
Fix	ed Bearing						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixe	d Bearing	1	0	1	0	0 Each
515	Stee	el Protective Coating	1	0	0	1	0 Square Feet
Eleme Numbe	Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty
313	Corrosion	active surface corrosion [no sectior	loss noted]		2	1	Each
515	515 Effectiveness (Steel paint failure with act Protective Coatings)		ve surface corrosion [no section loss noted]		3	1	1 Square Feet
	General Comment	s					

# Span 1

## Beam 4 Far Bearing

#### **Fixed Bearing**

	J							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	Steel Protective Coating			0	1	0	Square Feet
Elemen Numbe	Defect Type	Defect Descrip	otion		CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section lo	oss noted]		2	1		Each
515	Effectiveness (Steel paint failure with active surface corrosion [no section loss noted] Protective Coatings)			s noted]	3	1	1	Square Feet
-	General Comments							

## Span 1

## Beam 2 Far Bearing

## **Fixed Bearing**

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

	Number: 770165						spection Date: <b>(</b>	
313	Corrosion	active surface corrosion [no section loss	-		2	1	Eac	
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corrosion	[no section lo	ss noted]	3	1	1 Squ	are Feet
C	General Comments							
Spar	n 2	Beam 1						
Pres	stressed Concret	e Girder						
Elem			Total	CS1	CS2	CS3	CS4	
<b>Num</b> 109		Element Name ssed Concrete Open Girder/Beam	<b>Qty</b> 38	<b>Qty</b> 38	<b>Qty</b> 0	<b>Qty</b> 0	<b>Qty</b> 0 Feet	
Element Number	Defect Turne	Defect Descriptio	'n		CS	CS Qty	Maint Qty	
ī	General Comments							
,		er interior bents, exposed strand ends						
Spar	n 2	Beam 2						
Pres	stressed Concret	e Girder						
Elem Num 109	nber	Element Name ssed Concrete Open Girder/Beam	Total Qty 38	<b>CS1</b> Qty 38	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 0	CS4 Qty 0 Feet	
Element	Dofoot Typo	Defect Descriptio	'n		CS	CS Qty	Maint	
Number						-	Qty	
(	General Comments at beam ends ove	er interior bents, exposed strand ends						
Spar	n 2	Beam 3						
Pres	stressed Concret	e Girder						
Elerr Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109		ssed Concrete Open Girder/Beam	38	<b>Gly</b> 38	0	0	0 Feet	
Element Number		Defect Descriptio	'n		cs	CS Qty	Maint Qty	
ī	General Comments							
	at beam ends ove	er interior bents, exposed strand ends						
Spar	n 2	Beam 4						
Pres	stressed Concret	e Girder						
Elerr Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109		ssed Concrete Open Girder/Beam	38	38	0	0	0 Feet	
100								

at beam ends over interior bents, exposed strand ends

Structure Number: 770165

Span 2

#### **Concrete and Metal Railing**

Elerr Num			Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
333		Other B	ridge Railing	38	34	4	0	0 Feet
Element Number		Defect Type	Defect Des	cription		CS	CS Qty	Maint Qty
333	Delar	mination/Spall	along length of rail at guardrail cor to 5in diameter x up to 1in deep]	nnections, multiple sp	alls [up	2	4	4 Feet

General Comments

Spa	in 2	Right Bridge	Rail					
Cor	ncrete and Metal F	Railing						
	<b>ment</b> <b>mber</b> Other B	Element Name Bridge Railing	Total Qty 38	<b>CS1</b> <b>Qty</b> 34	CS2 Qty 4	<b>CS3</b> <b>Qty</b> 0	CS4 Qty 0 Feet	
Elemer Numbe	Defect Tune	Defect Descrip	otion		CS	CS Qty	Maint Qty	
333	Delamination/Spall	along length of rail at guardrail conne to 5in diameter x up to 1in deep]	ctions, multiple spa	ills [up	2	4	4 Feet	

**General Comments** 

## Beam 1 Near Bearing

Fixed Bearing

Span 2

	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section loss no	ted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corrosion [r	o section lo	ss noted]	3	1		1 Square Feet
-	General Comments							

Spa	an 2	Beam 1 Far	Bearing					
Fix	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed	Bearing	1	0	1	0	0	Each
515	Steel	Protective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Defect Type	Defect Descr	iption		CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section	loss noted]		2	1		Each
515	Effectiveness (Stee Protective Coatings		osion [no section los	ss noted]	3	1		1 Square Feet
	<b>General Comments</b>							

## Span 2

Fixed	Bearing

Eler Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section loss no	oted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corrosion [r	no section lo	ss noted]	3	1		1 Square Feet
-	General Comments							

## Span 2

## Beam 2 Far Bearing

#### **Fixed Bearing**

	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed Be	earing	1	0	1	0	0 E	ach
Steel Pr	otective Coating	1	0	0	1	0 5	quare Feet
Defect Type	Defect Descripti	on		CS	CS Qty	Maint Qty	
Corrosion	active surface corrosion [no section los	s noted]		2	1		Each
Effectiveness (Steel Protective Coatings)	paint failure with active surface corrosic	n [no section los	s noted]	3	1	1	Square Feet
	Steel Pro	Index     Element Name       Fixed Bearing     Steel Protective Coating       Image: Corrosion     Defect Type       Corrosion     active surface corrosion [no section loss       Effectiveness (Steel     paint failure with active surface corrosion	Index     Element Name     Qty       Fixed Bearing     1       Steel Protective Coating     1       Defect Type     Defect Description       Corrosion     active surface corrosion [no section loss noted]       Effectiveness (Steel     paint failure with active surface corrosion [no section loss	Index     Element Name     Qty     Qty       Fixed Bearing     1     0       Steel Protective Coating     1     0       Defect Type     Defect Description       Corrosion     active surface corrosion [no section loss noted]       Effectiveness (Steel     paint failure with active surface corrosion [no section loss noted]	Index     Element Name     Qty     Qty     Qty     Qty       Fixed Bearing     1     0     1       Steel Protective Coating     1     0     0       Defect Type     Defect Description     CS       Corrosion     active surface corrosion [no section loss noted]     2       Effectiveness (Steel     paint failure with active surface corrosion [no section loss noted]     3	Index     Element Name     Qty     Qty     Qty     Qty     Qty       Fixed Bearing     1     0     1     0       Steel Protective Coating     1     0     0     1       Defect Type     Defect Description     CS     CS Qty       Corrosion     active surface corrosion [no section loss noted]     2     1       Effectiveness (Steel     paint failure with active surface corrosion [no section loss noted]     3     1	Abber     Element Name     Qty     Qty

## Span 2

## Beam 3 Near Bearing

Fixed Bearing

	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed Be	earing	1	0	1	0	0	Each
Steel Pro	otective Coating	1	0	0	1	0	Square Feet
Dofoot Typo	Defect Desc	ription		CS	CS Qty	Maint Qty	
Corrosion	active surface corrosion [no section	loss noted]		2	1		Each
Effectiveness (Steel Protective Coatings)	paint failure with active surface corr	osion [no section loss	noted]	3	1	1	Square Feet
	Steel Protect Type Corrosion Effectiveness (Steel	Element Name       Fixed Bearing       Steel Protective Coating       Defect Type     Defect Desc       Corrosion     active surface corrosion [no section       Effectiveness (Steel     paint failure with active surface corr	Index     Element Name     Qty       Fixed Bearing     1       Steel Protective Coating     1       t     Defect Type     Defect Description       Corrosion     active surface corrosion [no section loss noted]       Effectiveness (Steel     paint failure with active surface corrosion [no section loss	Element Name     Qty     Qty       Fixed Bearing     1     0       Steel Protective Coating     1     0       t     Defect Type     Defect Description       Corrosion     active surface corrosion [no section loss noted]     5       Effectiveness (Steel     paint failure with active surface corrosion [no section loss noted]	Element Name     Qty     Qty     Qty       Fixed Bearing     1     0     1       Steel Protective Coating     1     0     0       t     Defect Type     Defect Description     CS       Corrosion     active surface corrosion [no section loss noted]     2       Effectiveness (Steel     paint failure with active surface corrosion [no section loss noted]     3	Element Name     Qty     Qty     Qty     Qty     Qty       Fixed Bearing     1     0     1     0       Steel Protective Coating     1     0     0     1       t     Defect Type     Defect Description     CS     CS Qty       Corrosion     active surface corrosion [no section loss noted]     2     1       Effectiveness (Steel     paint failure with active surface corrosion [no section loss noted]     3     1	Index     Element Name     Qty     Qty

**General Comments** 

#### Beam 3 Far Bearing

#### **Fixed Bearing**

Span 2

IIAC	a Dearing							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Desc	cription		CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section	n loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface cor	rosion [no section loss	noted]	3	1		1 Square Feet

Spa	in 2	Beam 4 Ne	ear Bearing					
Fixe	ed Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pre	otective Coating	1	0	1	0	0	Square Feet
Elemen Numbe	Dofact Type	Defect Des	cription		CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section	n loss noted]		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	rrosion [no section los	ss noted]	2	1		1 Square Feet

Spa	an 2		Beam 4	Far Bearing					
Fix	ed Bearing								
	ment mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	F	ixed Bearir	ng	1	0	1	0	0	Each
515	S	iteel Protec	tive Coating	1	0	0	1	0	Square Feet
Eleme	Defect Tu	pe	Defect	Description		CS	CS Qty	Maint Qty	
313	Corrosion	pa	aint failure with active surface	e corrosion [no section los	s noted]	2	1	-	Each
515	Effectiveness ( Protective Coat		aint failure with active surface	e corrosion [no section los	s noted]	3	1		1 Square Feet
	General Comme	ents							

Span 3	3
--------	---

#### Beam 1

#### Prestressed Concrete Girder

Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed (	Concrete Open Girder/Beam	38	38	0	0	0 Feet	
Element Number	Defect Type	Defect Description	on		cs c	CS Qty	Maint Qty	

**General Comments** 

at beam ends over interior bents, exposed strand ends

Span 3		Beam 2						
Prestres	ssed Concrete Giro	ler						
Element Number	E	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Co	oncrete Open Girder/Beam	38	38	0	0	0 Feet	
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	

#### **General Comments**

at beam ends over interior bents, exposed strand ends

Structure Number: 770165

0		-							
Span 3		E	Beam 3						
Prestre	ssed Concret	e Girder							
Element	:			Total	CS1	CS2	CS3	CS4	
Number		Element Name		Qty	Qty	Qty	Qty	Qty	
109	Prestre	ssed Concrete Open Gir	der/Beam	38	38	0	0	0 Feet	
Element								Maint	
Number	Defect Type		Defect Description			CS	CS Qty	Qty	
Gen	eral Comments								
	at beam ends ove	er interior bents, exposed	l strand ends						
Span 3		E	Beam 4						
Prestre	ssed Concret	e Girder							
Element				Total	CS1	CS2	CS3	CS4	
Number		Element Name		Qty	Qty	Qty	Qty	Qty	
109	Prestre	ssed Concrete Open Gir	der/Beam	38	38	0	0	0 Feet	
Element Number	Defect Type		Defect Description			CS	CS Qty	Maint Qty	
Gen	eral Comments								
	at beam ends over	er interior bents, exposed	l strand ends						
Span 3		L	eft Bridge Rail						
Concre	te and Metal F	Railing							
Element		_		Total	CS1	CS2	CS3	CS4	
Number		Element Name		Qty	Qty	Qty	Qty	Qty	
333	Other E	Bridge Railing		38	34	4	0	0 Feet	
Element	Defect Type		Defect Description			CS	CS Qty	Maint	
Number 333 Del	amination/Spall	along length of rail at	-	. multiple sp	alls (un	2	4 co uly	Qty 4 Fe	et
		to 5in diameter x up to		,	~o [ob	-	7	7 10	
Gen	eral Comments								
Span 3		F	Right Bridge Rail						
Concre	te and Metal F	Railing							
Element		<u> </u>		Total	CS1	CS2	CS3	CS4	
Number		Element Name		Qty	Qty	Qty	Qty	Qty	
333		Bridge Railing		38	31	4	3	0 Feet	
Element	Defect Type		Defect Description			CS	CS Qty	Maint	
Number		at fair third and 100	•				-	Qty	
333 Del	amination/Spall	at far third, spall [8in :	4in x 1in deepj			3	1	1 Fe	et

Number	Defect Tyme	Defect Description	CS	CS Qty	Qty	
333	Delamination/Spall	at far third, spall [8in x 4in x 1in deep]	3	1	1 F	eet
333	Delamination/Spall	at rail post 4, spall [7in x 5in x 1in deep] [similar at rail post 6]	3	2	2 F	eet
333	Delamination/Spall	along length of rail at guardrail connections, multiple spalls [up to 5in diameter x up to 1in deep]	2	4	4 F	eet

**General Comments** 

#### Span 3

Fixed	Bearing

Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section loss	noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corrosion	n [no section lo	ss noted]	3	1		1 Square Feet
	General Comments							

## Span 3

## Beam 1 Far Bearing

#### **Fixed Bearing**

	0						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
313	Fixed B	earing	1	0	1	0	0 Each
515	Steel Pr	rotective Coating	1	0	0	1	0 Square Feet
Elemer Numbe	Defect Type	Defect Description	l		CS	CS Qty	Maint Qty
313	Corrosion	active surface corrosion [no section loss n	oted]		2	1	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corrosion [	no section los	ss noted]	3	1	1 Square Feet
	General Comments						

## Span 3

## Beam 3 Far Bearing

**Fixed Bearing** 

	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed Be	earing	1	0	1	0	0	Each
Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
Corrosion	active surface corrosion [no section	loss noted]		2	1		Each
Effectiveness (Steel Protective Coatings)	paint failure with active surface corr	osion [no section loss	noted]	3	1		1 Square Feet
r	Steel Pr t Defect Type Corrosion Effectiveness (Steel	Element Name       Fixed Bearing       Steel Protective Coating       t     Defect Type       Corrosion     active surface corrosion [no section       Effectiveness (Steel     paint failure with active surface corr	Index     Element Name     Qty       Fixed Bearing     1       Steel Protective Coating     1       t     Defect Type     Defect Description       Corrosion     active surface corrosion [no section loss noted]       Effectiveness (Steel     paint failure with active surface corrosion [no section loss	Imber     Element Name     Qty     Qty       Fixed Bearing     1     0       Steel Protective Coating     1     0       t     Defect Type     Defect Description       Corrosion     active surface corrosion [no section loss noted]       Effectiveness (Steel     paint failure with active surface corrosion [no section loss noted]	Index     Element Name     Qty     Qty     Qty       Fixed Bearing     1     0     1       Steel Protective Coating     1     0     0       t     Defect Type     Defect Description     CS       Corrosion     active surface corrosion [no section loss noted]     2       Effectiveness (Steel     paint failure with active surface corrosion [no section loss noted]     3	Imber     Element Name     Qty     Qty     Qty     Qty       Fixed Bearing     1     0     1     0       Steel Protective Coating     1     0     0     1       t     Defect Type     Defect Description     CS     CS Qty       Corrosion     active surface corrosion [no section loss noted]     2     1       Effectiveness (Steel     paint failure with active surface corrosion [no section loss noted]     3     1	Index     Element Name     Qty       Steel Protective Coating     1     0     1     0     1     0     1     0       t     Defect Type     Defect Description     CS     CS Qty     Maint Qty       Corrosion     active surface corrosion [no section loss noted]     2     1       Effectiveness (Steel     paint failure with active surface corrosion [no section loss noted]     3     1

**General Comments** 

Poom	2	Noor	Bearing	
Deam	J	near	Dearing	

#### **Fixed Bearing**

Span 3

LIYE	u bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Element Number	Defect Type	Defect Descr	ription		CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section	loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corre	osion [no section loss	noted]	3	1		1 Square Feet

earing Fixed Be	Element Name	Total Qty	CS1	CS2	CS3	CS4	4
Fixed Be					CS3	CS4	L
Fixed Be	oring		Qty	Qty	Qty	Qty	
	anny	1	0	1	0	0	Each
Steel Pro	otective Coating	1	0	0	1	0	Square Feet
Defect Type	Defect Descr	ription		CS	CS Qty	Maint Qty	
rosion	active surface corrosion [no section	loss noted]		2	1		Each
ctiveness (Steel tective Coatings)	paint failure with active surface corre	osion [no section los	ss noted]	3	1		1 Square Feet
	Defect Type osion tiveness (Steel	Defect Type         Defect Descr           osion         active surface corrosion [no section           tiveness (Steel paint failure with active surface corrective Coatings)         paint failure with active surface corrective	Defect Type         Defect Description           osion         active surface corrosion [no section loss noted]           etiveness (Steel active Coatings)         paint failure with active surface corrosion [no section loss noted]	Defect Type         Defect Description           osion         active surface corrosion [no section loss noted]           etiveness (Steel active Coatings)         paint failure with active surface corrosion [no section loss noted]	Defect Type         Defect Description         CS           osion         active surface corrosion [no section loss noted]         2           etiveness (Steel active Coatings)         paint failure with active surface corrosion [no section loss noted]         3	Defect TypeDefect DescriptionCSCS Qtyosionactive surface corrosion [no section loss noted]21etiveness (Steel active Coatings)paint failure with active surface corrosion [no section loss noted]31	Defect TypeDefect DescriptionCSCS QtyMaint Qtyosionactive surface corrosion [no section loss noted]21tiveness (Steel active Coatings)paint failure with active surface corrosion [no section loss noted]31

Spa	an 3		Beam 4	Far Bearing					
Fix	ed B	earing							
	ement Imber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313		Fixed Be	aring	1	0	1	0	0	Each
515		Steel Pro	otective Coating	1	0	0	1	0	Square Feet
Eleme Numb		Defect Type	Defect	Description		CS	CS Qty	Maint Qty	
313	Cor	rosion	active surface corrosion [no se	ection loss noted]		2	1	-	Each
515		ectiveness (Steel tective Coatings)	paint failure with active surface	e corrosion [no section lo	ss noted]	3	1		1 Square Feet
	Gene	eral Comments							

## Span 3

#### Beam 2 Near Bearing

#### **Fixed Bearing**

	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Descrip	tion		CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section lo	ss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corros	ion [no section los	ss noted]	3	1		1 Square Feet
	General Comments							

Span 3

#### Beam 2 Far Bearing

#### **Fixed Bearing**

Element Number	Element Name	•	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Bearing		1	0	1	0	0	Each
515	Steel Protective Coating		1	0	0	1	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

Structure	Number: 770165			Inspec	ction Date: 05/01/2018
313	Corrosion	active surface corrosion [no section loss noted]	2	1	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corrosion [no section loss noted]	3	1	1 Square Feet
	General Comments				

Rei	inforced Concrete	Deck						
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	1,268	1,266	0	2	0	Square Feet
leme lumb	Dofact Type	Defect De	scription		CS	CS Qty	Maint Qty	
12	Delamination/Spall	diaphragm at right overhang ove [10in x 10in x 3in deep] with one and one [1] exposed vertical stirr	[1] exposed longitudi	nal rebar	3	2	-	2 Square Feet
12	Cracking (RC and Other)	throughout underside of deck and horizontal and transverse cracks hairline] with adjacent hairline ma	[up to full width of ba		1	300		Square Feet

Span 4		Beam 1						
Prestres	ssed Concrete Girder							
Element Number	Element	Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concrete	Open Girder/Beam	38	38	0	0	0	Feet
515	Steel Protective Coatin	g	0	0	0	0	0	Square Feet
Element Number	Defect Type	Defect Description			CS	CS Qty	Maint Qty	

at beam ends over interior bents, exposed strand ends

Span 4		Beam 2						
Prestres	ssed Concrete Girc	ler						
Element Number	E	lement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Co	oncrete Open Girder/Beam	38	38	0	0	0 Feet	
Element Number	Defect Type	Defect Descripti	ion		CS (	CS Qty	Maint Qty	

**General Comments** 

at beam ends over interior bents, exposed strand ends

Span 4		Beam 3						
Prestres	ssed Concrete Gir	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed C	concrete Open Girder/Beam	38	38	0	0	0 Feet	
Element Number	Defect Type	Defect Descriptio	on		CS	CS Qty	Maint Qty	

**General Comments** 

at beam ends over interior bents, exposed strand ends

	bel. <u>110105</u>							spection D	ale. <u>03/01/2016</u>
Span 4		Bear	m 4						
Prestre	ssed Concret	e Girder							
Element Number 109		Element Name ssed Concrete Open Girder/E		otal Qty 38	<b>CS1</b> Qty 38	<b>CS2</b> <b>Qty</b> 0	<b>CS3</b> <b>Qty</b> 0	<b>CS4</b> <b>Qty</b> 0 F	eet
Element Number	Defect Type	Def	ect Description			CS	CS Qty	Maint Qty	
Gen	eral Comments	er interior bents, exposed stra	and onde						
<b>O</b> m ann <b>A</b>	at beam enus ov	· •							
Span 4			ring Surface						
Asphal	t Wearing Sur	tace							
Element Number		Element Name	Т	otal Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510		g Surface	1	,079	1,051	0	28	-	quare Feet
Element	Defect Tom						00.04-	Maint	
Number	Defect Type		ect Description	ake fo	n to full	CS	CS Qty	Qty	Cause Feet
	ack (Wearing face)	asphalt over end bent 2, n width x up to 1/2in] with ec			p to full	3	28	28	Square Feet
Span 4 Concre	te and Metal		Bridge Rail						
Element Number		Element Name	Т	otal Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333		Bridge Railing		38	33	5	0	0 F	eet
Element Number	Defect Type	Def	ect Description			cs	CS Qty	Maint Qty	
	lamination/Spall	along length of rail at guar to 5in diameter x up to 1in		ltiple s	spalls [up	2	5	5	Feet
Gen	eral Comments								
Span 4		Righ	nt Bridge Rail						
Concre	te and Metal	Railing							
Element			г	otal	CS1	CS2	CS3	CS4	
Number 333		Element Name Bridge Railing		<b>Qty</b> 38	<b>Qty</b> 33	Qty 5	<b>Qty</b> 0	<b>Qty</b> 0 F	eet
Element				-				Maint	
Number	Defect Type		ect Description			CS	CS Qty	Qty	
333 Del	lamination/Spall	along length of rail at guar to 5in diameter x up to 1in		Itiple s	spalls [up	2	5	5	Feet
0									

Structure Number: 770165

#### Span 4

	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Defect Type	Defect Description			CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section loss no	oted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corrosion [r	no section lo	ss noted]	3	1		1 Square Feet
-	General Comments							

#### Span 4

## Beam 1 Near Bearing

#### **Fixed Bearing**

Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
lement lumber	Defect Type	Defect Desc	ription		CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section	loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corr	rosion [no section loss	noted]	3	1		1 Square Feet

## Span 4

## Beam 3 Near Bearing

**Fixed Bearing** 

Elerr Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Element Number	Dofoot Typo	Defect Des	cription		CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section loss noted]		2	1		Each	
515	Effectiveness (Steel Protective Coatings)	ectiveness (Steel paint failure with active surface corrosion [no section loss noted] otective Coatings)		noted]	3	1	1	Square Feet

**General Comments** 

#### Beam 4 Near Bearing

#### **Fixed Bearing**

Span 4

1 1/1	Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	0	1	0	0	Each
515	Steel Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Defect Type	Defect Descript	ion		CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section los	s noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corrosid	on [no loss noted]		3	1		1 Square Feet

Bent 1     Pile 1       Prestressed Concrete Pile       Element Number     Element Server Pile       Element Number     Defect Oncrete Pile       Element Number     Defect Type     Defect Description       CS     CS Qty     Maint Qty       Z26     Abrasion/Wear     waterline down 24in, abrasion [up to 1/16in]     2     1     0     0     Each       Element Number     Pile 2     Total (PSC/RC)     CS1     CS2     CS3     CS4     Maint Qty       Z26     Prestressed Concrete Pile     Pile 2     Vector     Vector     Qty     Qty     Qty     Qty     Qty       Z26     Prestressed Concrete Pile     Defect Description     CS     CS2     CS3     CS4       Element Number     Defect Type     Defect Description     CS     CS Qty     Maint Qty       Z26     Prestressed Concrete Pile     Defect Description     CS     CS Qty     Maint Qty       Z26     Prestressed Concrete Pile     Defect Description     Z     1     0     Each       Element Number     Defect Type     Defect Description     Z     S     CS1     Qty     Qty     Qty       Z26     Prestressed Concrete Pile     Pile 3     Pile 3     Qty     Qty     Qty <th< th=""></th<>							
Element Number       Element Name       Total Oty       CS1 Oty       CS2 Oty       CS3 Oty       CS4 Oty       CS4 Oty         26       Prestressed Concrete Pile       Defect Description       CS       CS oty       Maint Oty         226       Abrasion/Wear (PSC/RC)       waterline down 24in, abrasion (up to 1/16in)       2       1       Each         28       Abrasion/Wear (PSC/RC)       waterline down 24in, abrasion (up to 1/16in)       2       1       Each         CS       CS oty       Maint Oty         Other Type       Defect Description         Colspan="4">CS       CS oty       Maint Oty         Other Type       Pile 2         Prestressed Concrete Pile         Element Number       Element Name       Total Oty       CS1       CS2       CS3 Oty       CS4 Oty         226       Prestressed Concrete Pile       Defect Description       CS       CS oty       Maint Oty       Oty       Each         Element Number       Defect Type       Defect Description       CS       CS oty       Maint Oty       Each         Element Number       Pile 3       Prestressed Concrete Pile       Total Oty       CS1       CS2       CS4 Oty       Oty							
Number 226Element Name Prestressed Concrete PileQty 1Qty 0Qty 1Qty 0EachElement Number 226Abrasion/Wear (PSC/RC)waterline down 24in, abrasion [up to 1/16in]21CS 2CS Qty Qty QtyMaint QtyBent 1 Number 226Prestressed Concrete PilePile 2S 2CS1 Qty QtyQty Qty QtyQty Qty QtyQty Qty Qty QtyCS2 Qty Qty QtyCS4 Qty QtyElement Number Defect Type (PSC/RC)Defect DescriptionCS 2CS Qty Qty Qty QtyMaint Qty QtyZ26Prestressed Concrete PileDefect Description21EachElement Number QtgDefect Type (PSC/RC)Defect DescriptionCS Qty QtyCS Qty Qty Qty QtyCS4 Qty QtyBent 1 Pile 3 Prestressed Concrete PilePile 3 Qty QtyQty QtyCS1 Qty QtyCS2 Qty QtyCS4 Qty Qty QtyCS4 Qty Qty Qty26Prestressed Concrete PileTotal QtyCS1 Qty QtyCS2 Qty Qty Qty QtyCS4 Qty Qty Qty Qty 							
Number       Defect Type       Defect Description       CS       CS       CS       Qty         226       Abrasion/Wear       waterline down 24in, abrasion [up to 1/16in]       2       1       Each         CSS CS Qty       Qty         General Comments       Pile 2         Prestressed Concrete Pile         Element       Number       Element Name       Total       CS1       CS2       CS3       CS4         226       Prestressed Concrete Pile       Defect Description       CS       CS Qty							
Z26       Abrasion/Wear (PSC/RC) General Comments       waterline down 24in, abrasion [up to 1/16in]       2       1       Each         Z26       Abrasion/Wear       Pile 2       Prestressed Concrete Pile       Version 2000       CS1       CS2       CS3       CS4       Cty       <							
(PSC/RC)         General Comments         Bent 1       Pile 2         Prestressed Concrete Pile       Total Qty       CS1       CS2       CS3       CS4         Number       Element Name       Qty							
Bent 1       Pile 2         Prestressed Concrete Pile       Total       CS1       CS2       CS3       CS4         226       Prestressed Concrete Pile       1       0       1       0       0       Each         Element Number       Defect Type       Defect Description       CS       CS Qty       Maint Qty       Maint Qty       Each         226       Abrasion/Wear       waterline down 24in, abrasion [up to 1/16in]       2       1       Each         PSC/RC)       General Comments       Pile 3       Each       Each       Each         Prestressed Concrete Pile       1       0       1       0       0       Each         Element Number       Pile 3       Prestressed Concrete Pile       1       0       1       0       0       Each         226       Prestressed Concrete Pile       1       0       1       0       0       Each         226       Prestressed Concrete Pile       1       0       1       0       0       Each         226       Prestressed Concrete Pile       1       0       1       0       0       Each         Element Number       Defect Type       Defect Description       CS       CS CS Qty </td							
Prestressed Concrete Pile         Element Number       Element Name       Total Qty       CS1 Qty       CS2 Qty       CS3 Qty       CS4 Qty         226       Prestressed Concrete Pile       1       0       1       0       0       Each         Element Number       Defect Type       Defect Description       CS       CS Qty       Maint Qty         226       Abrasion/Wear       waterline down 24in, abrasion [up to 1/16in]       2       1       Each         Bent 1       Pile 3       Prestressed Concrete Pile       Pile 3       CS1       CS2       CS3       CS4 Qty       Qty							
Prestressed Concrete Pile         Element Number       Element Name       Total Qty       CS1 Qty       CS2 Qty       CS3 Qty       CS4 Qty         226       Prestressed Concrete Pile       1       0       1       0       0       Each         Element Number       Defect Type       Defect Description       CS       CS Qty       Maint Qty         226       Abrasion/Wear       waterline down 24in, abrasion [up to 1/16in]       2       1       Each         Bent 1       Pile 3       Prestressed Concrete Pile       Pile 3       CS1       CS2       CS3       CS4 Qty       Qty							
Element NumberElement Name Prestressed Concrete PileTotal QtyCS1 QtyCS2 QtyCS3 QtyCS4 Qty226Prestressed Concrete Pile10100EachElement NumberDefect Type (PSC/RC)Defect Description (PSC/RC)CS CS QtyCS Qty Maint QtyMaint Qty26Abrasion/Wear (PSC/RC)waterline down 24in, abrasion [up to 1/16in]21EachBent 1Pile 3Prestressed Concrete PileTotal QtyCS1 QtyCS2 QtyCS3 QtyCS4 Qty26Prestressed Concrete PileTotal QtyCS1 QtyCS2 QtyCS3 QtyCS4 Qty26Prestressed Concrete PileTotal QtyCS1 QtyCS2 QtyCS3 QtyCS4 Qty226Prestressed Concrete PileTotal QtyCS1 QtyCS2 QtyCS3 QtyCS4 Qty226Prestressed Concrete Pile0EachElement Number 226Defect Type Defect DescriptionCS QtyCS QtyMaint Qty226Abrasion/Wear Abrasion/WearDefect DescriptionCS QtyCS QtyMaint Qty226Abrasion/Wear Abrasion/WearDefect DescriptionCS QtyCS QtyMaint Qty226Abrasion/Wear Abrasion/WearDefect DescriptionCS QtyCS QtyMaint Qty							
NumberElement Name Prestressed Concrete PileQtyQtyQtyQtyQtyQty226Prestressed Concrete Pile10100EachElement NumberDefect Type (PSC/RC)Defect Description (PSC/RC)CSCSQtyQtyQty226Abrasion/Wear (PSC/RC)waterline down 24in, abrasion [up to 1/16in] General Comments21EachBent 1Pile 3Prestressed Concrete PileTotal QtyCS1 QtyCS2 QtyCS3 QtyCS4 Qty226Prestressed Concrete PileTotal QtyCS1 QtyCS2 QtyCS3 QtyCS4 Qty226Prestressed Concrete Pile10100EachElement Number 226Prestressed Concrete PileDefect DescriptionCS QtyCS Qty QtyMaint Qty226Abrasion/Wear waterline down 24in, abrasion [up to 1/16in]21Each							
226Prestressed Concrete Pile10100Each226Defect TypeDefect DescriptionCSCS QtyMaint Qty226Abrasion/Wear (PSC/RC) General Commentswaterline down 24in, abrasion [up to 1/16in]21EachElement Select DescriptionCSCS QtyMaint QtyTotal QtyCS1CS2CS3CS4 QtyPrestressed Concrete PileElement NumberElement Name Prestressed Concrete PileTotal QtyCS1 QtyCS2 QtyCS3 QtyCS4 Qty226Abrasion/Wear waterline down 24in, abrasion [up to 1/16in]210Each							
NumberDefect TypeDefect DescriptionCSCSCSQty226Abrasion/Wear (PSC/RC)waterline down 24in, abrasion [up to 1/16in]21EachElement SBent 1Pile 3Prestressed Concrete PileTotal QtyCS1CS2CS3CS4NumberElement NameTotal QtyQtyQtyQtyQty226Prestressed Concrete Pile1010EachElement NumberElement NameTotal QtyCS1CS2CS3CS4Qty226Prestressed Concrete Pile0100EachElement NumberDefect TypeDefect DescriptionCSCS QtyMaint Qty226Abrasion/Wearwaterline down 24in, abrasion [up to 1/16in]21Each							
NumberDefect TypeDefect DescriptionCSCSCSQty226Abrasion/Wear (PSC/RC)waterline down 24in, abrasion [up to 1/16in]21EachElement SBent 1Pile 3Prestressed Concrete PileTotal QtyCS1CS2CS3CS4NumberElement NameTotal QtyQtyQtyQtyQty226Prestressed Concrete Pile1010EachElement NumberElement NameTotal QtyCS1CS2CS3CS4Qty226Prestressed Concrete Pile0100EachElement NumberDefect TypeDefect DescriptionCSCS QtyMaint Qty226Abrasion/Wearwaterline down 24in, abrasion [up to 1/16in]21Each							
Image: Second and the second and the second and the price when y       Image: Second and the second and the second and the price when y         General Comments       Pile 3         Bent 1       Pile 3         Prestressed Concrete Pile       Total Qty							
General Comments         Bent 1       Pile 3         Prestressed Concrete Pile       Total       CS1       CS2       CS3       CS4         Element       Number       Element Name       Qty							
Prestressed Concrete PileElement NumberElement Name QtyCS1 QtyCS2 QtyCS3 QtyCS4 Qty226Prestressed Concrete Pile10100EachElement NumberDefect TypeDefect DescriptionCS CS CS CS QtyMaint Qty Qty226Abrasion/Wearwaterline down 24in, abrasion [up to 1/16in]21Each							
Prestressed Concrete PileElement NumberElement Name QtyCS1 QtyCS2 QtyCS3 QtyCS4 Qty226Prestressed Concrete Pile10100EachElement NumberDefect TypeDefect DescriptionCS CS CS CS QtyMaint Qty Qty226Abrasion/Wearwaterline down 24in, abrasion [up to 1/16in]21Each							
Element NumberElement Name Element NameTotal QtyCS1 QtyCS2 QtyCS3 QtyCS4 Qty226Prestressed Concrete Pile10100EachElement NumberDefect TypeDefect DescriptionCS CSCS QtyMaint Qty226Abrasion/Wearwaterline down 24in, abrasion [up to 1/16in]21Each							
NumberElement NameQtyQtyQtyQtyQtyQty226Prestressed Concrete Pile10100EachElement NumberDefect TypeDefect DescriptionCSCSQtyQty226Abrasion/Wearwaterline down 24in, abrasion [up to 1/16in]21Each							
NumberElement NameQtyQtyQtyQtyQtyQty226Prestressed Concrete Pile10100EachElement NumberDefect TypeDefect DescriptionCSCSQtyQty226Abrasion/Wearwaterline down 24in, abrasion [up to 1/16in]21Each							
Element NumberDefect TypeDefect DescriptionCSMaint Qty226Abrasion/Wearwaterline down 24in, abrasion [up to 1/16in]21Each							
NumberDefect TypeDefect DescriptionCSCS QtyQty226Abrasion/Wearwaterline down 24in, abrasion [up to 1/16in]21Each							
226Abrasion/Wearwaterline down 24in, abrasion [up to 1/16in]21Each							
(PSC/RC) General Comments							
General Confilients							
Bent 1 Pile 4							
Prestressed Concrete Pile							
Element Total CS1 CS2 CS3 CS4 Number Element Name Qty Qty Qty Qty Qty							
Number Liement Name Qty Qty Qty Qty Qty							
226 Prestressed Concrete Pile 1 0 1 0 0 Each							
226   Prestressed Concrete Pile   1   0   1   0   0   Each							
226     Prestressed Concrete Pile     1     0     1     0     0     Each       Element     Defect Turpe     Defect Description     CS     CS     Out     Maint							

cture Number: 7 Bent 2			Pile 1							
	•									
Prestressed	Concrete	Pile								
Element				Total	CS1	CS2	CS3	CS4		
Number	Desstasse	Element Name		Qty	Qty	Qty	Qty	Qty	Each	
226	Prestress	ed Concrete Pile		1	0	1	0	0	Each	
lement Defe	ect Type		Defect Description			CS	CS Qty	Maint		
lumber Dere 226 Abrasion/		waterline down 21in	abrasion [up to 1/16in]			2	1	Qty	Each	
(PSC/RC)		waterinie down 24m,				2	I		Laun	
General Co	omments									
Bent 2			Pile 2							
Prestressed	Concrete	Column								
	001101010	oolalli						~~ /		
Element Number		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
204	Prestress	ed Concrete Column		1	0	1	0	-	Each	
1								NA - 1 - 1		
Element Number Defe	ect Type		Defect Description			CS	CS Qty	Maint Qty		
204 Abrasion/		waterline down 24in,	abrasion [up to 1/16in]			2	1		Each	
(PSC/RC) General Co										
General Co	omments									
Bent 2			Pile 3							
Bent 2 Prestressed	Concrete		Pile 3							
	Concrete		Pile 3	Total	CS1	CS2	CS3	CS4		
Prestressed Element Number		Pile Element Name	Pile 3	Qty	Qty	Qty	CS3 Qty	Qty		
Prestressed Element		Pile	Pile 3					Qty	Each	
Prestressed Element Number 226	Prestress	Pile Element Name		Qty	Qty	<b>Qty</b> 1	<b>Qty</b> 0	Qty 0 Maint	Each	
Prestressed Element Number 226 Element Sumber Defe	Prestress ect Type	Pile Element Name ed Concrete Pile	Defect Description	Qty	Qty	Qty 1 CS	Qty 0 CS Qty	<b>Qty</b> 0		
Prestressed Element Number 226	Prestress ect Type Wear	Pile Element Name ed Concrete Pile		Qty	Qty	<b>Qty</b> 1	<b>Qty</b> 0	Qty 0 Maint	Each	
Prestressed Element Number 226 Element Jumber Defe 226 Abrasion/	Prestress ect Type Wear	Pile Element Name ed Concrete Pile	Defect Description	Qty	Qty	Qty 1 CS	Qty 0 CS Qty	Qty 0 Maint		
Prestressed Element Number 226 Element Jumber Defe 226 Abrasion/V (PSC/RC)	Prestress ect Type Wear	Pile Element Name ed Concrete Pile	Defect Description	Qty	Qty	Qty 1 CS	Qty 0 CS Qty	Qty 0 Maint		
Prestressed Element Number 226 Element Defe 226 Abrasion/ (PSC/RC) General Co	Prestress ect Type Wear	Pile Element Name ed Concrete Pile waterline down 24in,	Defect Description abrasion [up to 1/16in]	Qty	Qty	Qty 1 CS	Qty 0 CS Qty	Qty 0 Maint		
Prestressed Element Number 226 Element Mumber 226 Abrasion/A (PSC/RC) General Co Bent 2	Prestress ect Type Wear omments	Pile Element Name ed Concrete Pile waterline down 24in,	Defect Description	Qty	Qty	Qty 1 CS	Qty 0 CS Qty	Qty 0 Maint		
Prestressed Element Number 226 Element Number Defe 226 Abrasion/ (PSC/RC) General Co	Prestress ect Type Wear omments	Pile Element Name ed Concrete Pile waterline down 24in,	Defect Description abrasion [up to 1/16in]	Qty	Qty	Qty 1 CS	Qty 0 CS Qty	Qty 0 Maint		
Prestressed Element Number 226 Element Number Defe 226 Abrasion/A (PSC/RC) General Co Bent 2 Prestressed Element	Prestress ect Type Wear omments	Pile Element Name ed Concrete Pile waterline down 24in, Pile	Defect Description abrasion [up to 1/16in]	Qty 1	Qty 0 CS1	Qty 1 CS 2 CS2	Qty 0 CS Qty 1 CS3	Qty 0 Maint Qty CS4		
Prestressed Element Number 226 Element Number Defe 226 Abrasion/A (PSC/RC) General Co Bent 2 Prestressed Element Number	Prestress ect Type Wear omments Concrete	Pile Element Name ed Concrete Pile waterline down 24in, Pile Element Name	Defect Description abrasion [up to 1/16in]	Qty 1 Total Qty	Qty 0 CS1 Qty	Qty 1 CS 2 CS2 Qty	Qty 0 CS Qty 1 CS3 Qty	Qty 0 Maint Qty CS4 Qty	Each	
Prestressed Element Number 226 Element Number Defe 226 Abrasion/A (PSC/RC) General Co Bent 2 Prestressed Element	Prestress ect Type Wear omments Concrete	Pile Element Name ed Concrete Pile waterline down 24in, Pile	Defect Description abrasion [up to 1/16in]	Qty 1	Qty 0 CS1	Qty 1 CS 2 CS2	Qty 0 CS Qty 1 CS3	Qty 0 Maint Qty CS4 Qty 0		
Prestressed Element Number 226 Element Defe 226 Abrasion/A (PSC/RC) General Co Bent 2 Prestressed Element Number 226	Prestress ect Type Wear omments Concrete Prestress	Pile Element Name ed Concrete Pile waterline down 24in, Pile Element Name	Defect Description abrasion [up to 1/16in] Pile 4	Qty 1 Total Qty	Qty 0 CS1 Qty	Qty 1 CS 2 CS2 Qty	Qty 0 CS Qty 1 CS3 Qty	Qty 0 Maint Qty CS4 Qty 0 Maint	Each	
Prestressed Element Number 226 Element Defe 226 Abrasion/A (PSC/RC) General Co Bent 2 Prestressed Element Number 226	Prestress ect Type Wear omments Concrete Prestress ect Type	Pile Element Name ed Concrete Pile waterline down 24in, Pile Element Name ed Concrete Pile	Defect Description abrasion [up to 1/16in] Pile 4 Defect Description	Qty 1 Total Qty	Qty 0 CS1 Qty	Qty 1 CS 2 CS2 Qty 1	Qty 0 CS Qty 1 CS3 Qty 0	Qty 0 Maint Qty CS4 Qty 0	Each	
Prestressed Element Number 226 Element Defe 226 Abrasion/A (PSC/RC) General Co Bent 2 Prestressed Element Number 226 Element Defe 226 Element Defe	Prestress ect Type Wear omments Concrete Prestress ect Type Wear	Pile Element Name ed Concrete Pile waterline down 24in, Pile Element Name ed Concrete Pile	Defect Description abrasion [up to 1/16in] Pile 4	Qty 1 Total Qty	Qty 0 CS1 Qty	Qty 1 CS 2 CS2 Qty 1 CS	Qty 0 CS Qty 1 CS Qty 0 CS Qty	Qty 0 Maint Qty CS4 Qty 0 Maint	Each	
Prestressed Element Number 226 Element Defe 226 Abrasion/A (PSC/RC) General Co Bent 2 Prestressed Element Number 226 Element Defe 226 Element Defe	Prestress ect Type Wear omments Concrete Prestress ect Type Wear	Pile Element Name ed Concrete Pile waterline down 24in, Pile Element Name ed Concrete Pile	Defect Description abrasion [up to 1/16in] Pile 4 Defect Description	Qty 1 Total Qty	Qty 0 CS1 Qty	Qty 1 CS 2 CS2 Qty 1 CS	Qty 0 CS Qty 1 CS Qty 0 CS Qty	Qty 0 Maint Qty CS4 Qty 0 Maint	Each	
Prestressed Element Number 226 Element Defe 226 Abrasion/A (PSC/RC) General Co Bent 2 Prestressed Element Number 226 Element Defe 226 Element Defe	Prestress ect Type Wear omments Concrete Prestress ect Type Wear	Pile Element Name ed Concrete Pile waterline down 24in, Pile Element Name ed Concrete Pile	Defect Description abrasion [up to 1/16in] Pile 4 Defect Description	Qty 1 Total Qty	Qty 0 CS1 Qty	Qty 1 CS 2 CS2 Qty 1 CS	Qty 0 CS Qty 1 CS Qty 0 CS Qty	Qty 0 Maint Qty CS4 Qty 0 Maint	Each	
Prestressed Element Number 226 Element Defe 226 Abrasion/A (PSC/RC) General Co Bent 2 Prestressed Element Number 226 Element Defe 226 Element Defe	Prestress ect Type Wear omments Concrete Prestress ect Type Wear	Pile Element Name ed Concrete Pile waterline down 24in, Pile Element Name ed Concrete Pile waterline down 24in,	Defect Description abrasion [up to 1/16in] Pile 4 Defect Description	Qty 1 Total Qty	Qty 0 CS1 Qty	Qty 1 CS 2 CS2 Qty 1 CS	Qty 0 CS Qty 1 CS Qty 0 CS Qty	Qty 0 Maint Qty CS4 Qty 0 Maint	Each	
Prestressed Element Number 226 Element Defe 226 Abrasion/A (PSC/RC) General Co Bent 2 Prestressed Element Number 226 Element Defe 226 Element Defe 226 Abrasion/A (PSC/RC) General Co	Prestress Wear omments Concrete Prestress ect Type Wear omments	Pile Element Name ed Concrete Pile waterline down 24in, Pile Element Name ed Concrete Pile waterline down 24in,	Defect Description abrasion [up to 1/16in] Pile 4 Defect Description abrasion [up to 1/16in]	Qty 1 Total Qty	Qty 0 CS1 Qty	Qty 1 CS 2 CS2 Qty 1 CS	Qty 0 CS Qty 1 CS Qty 0 CS Qty	Qty 0 Maint Qty CS4 Qty 0 Maint	Each	
Prestressed Element Number 226 Element Defe 226 Abrasion/A (PSC/RC) General Co Bent 2 Prestressed Element Number 226 Element Defe 226 Element Number 226 Bent 2 Constant Cons	Prestress Wear omments Concrete Prestress ect Type Wear omments	Pile Element Name ed Concrete Pile waterline down 24in, Pile Element Name ed Concrete Pile waterline down 24in,	Defect Description abrasion [up to 1/16in] Pile 4 Defect Description abrasion [up to 1/16in]	Qty 1 Total Qty	Qty 0 CS1 Qty	Qty 1 CS 2 CS2 Qty 1 CS	Qty 0 CS Qty 1 CS Qty 0 CS Qty	Qty 0 Maint Qty CS4 Qty 0 Maint	Each	
Prestressed Element Number 226 Element Defe 226 Abrasion/A (PSC/RC) General Co Bent 2 Prestressed Element Number 226 Element Number 226 Bent 3 Prestressed Element Number	Prestress Wear omments Concrete Prestress ect Type Wear omments	Pile Element Name ed Concrete Pile waterline down 24in, Element Name ed Concrete Pile waterline down 24in, Pile Element Name Element Name	Defect Description abrasion [up to 1/16in] Pile 4 Defect Description abrasion [up to 1/16in]	Qty 1 Total Qty 1 Total Qty	Qty 0 CS1 Qty 0 CS1 Qty	Qty 1 CS 2 CS2 Qty 1 CS 2 CS2 Qty 2	Qty 0 CS Qty 1 CS Qty 0 CS Qty 1 CS Qty	Qty 0 Maint Qty 0 Maint Qty 0 Maint Qty	Each Each	
Prestressed Element Number 226 Element Defe 226 Abrasion/A (PSC/RC) General Co Bent 2 Prestressed Element Number 226 Element Defe 226 Constant Constant Defe 226 Bent 3 Prestressed Element Seneral Co	Prestress Wear omments Concrete Prestress ect Type Wear omments	Pile Element Name ed Concrete Pile waterline down 24in, Pile Element Name ed Concrete Pile waterline down 24in, Pile	Defect Description abrasion [up to 1/16in] Pile 4 Defect Description abrasion [up to 1/16in]	Qty 1 Total Qty 1	Qty 0 CS1 Qty 0 CS1	Qty 1 CS 2 CS2 Qty 1 CS 2 CS2	Qty 0 CS Qty 1 CS Qty 0 CS Qty 1 CS Qty	Qty 0 Maint Qty 0 Maint Qty 0 Maint Qty	Each	

Structure Number: 770165

waterline down 24in, abrasion [up to 1/16in]

Inspection Date: 05/01/2018 1 Each

2

226 Abrasion/Wear (PSC/RC) General Comments

Bent 3	Pile 2					
Prestressed Concre	te Pile					
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
226 Prestre	essed Concrete Pile	1	0	1	0	0 Each
Element Number Defect Type	Defect Descriptio	n		cs	CS Qty	Maint Qty
226 Abrasion/Wear (PSC/RC)	waterline down 24in, abrasion [up to 1/16	in]		2	1	Each
General Comments						
Bent 3	Pile 3					
Prestressed Concret						
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
	essed Concrete Pile	1	0	1	0	0 Each
Element Number Defect Type	Defect Descriptio	n		CS	CS Qty	Maint Qty
226 Abrasion/Wear (PSC/RC)	waterline down 24in, abrasion [up to 1/16	bin]		2	1	Each
General Comments						
Bent 3	Pile 4					
Prestressed Concre	te Pile					
Element Number	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
	essed Concrete Pile	1	0	1	0	0 Each
Element Number Defect Type	Defect Descriptio	n		cs	CS Qty	Maint Qty
226 Abrasion/Wear	waterline down 24in, abrasion [up to 1/16	linl		2	1	Each

## **Elements Verfied**

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1268
Span 1	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	38
Span 1	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	38
Span 1	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	38
Span 1	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	38
Span 1	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	38
Span 1	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	38
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1060
Span 1	Beam 1 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Beam 2 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Beam 3 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Beam 4 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1257
Span 2	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	38
Span 2	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	38
Span 2	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	38
Span 2	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	38
Span 2	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	38
Span 2	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	38
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1050
Span 2	Beam 1 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 2 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 3 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 4 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1257
Span 3	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	38
Span 3	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	38
Span 3	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	38
Span 3	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	38
Span 3	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	38
Span 3	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	38
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1050
Span 3	Beam 1 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Beam 2 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1

## **Elements Verfied**

Location	Name	Component	Element Name	Amount
Span 3	Beam 3 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Beam 4 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 3	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1268
Span 4	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	38
Span 4	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	38
Span 4	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	38
Span 4	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	38
Span 4	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	38
Span 4	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	38
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1079
Span 4	Beam 1 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 1 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 2 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 2 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 3 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 4 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 4 Near Bearing	Fixed Bearing	Fixed Bearing	1
Bent 1	Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	28
Bent 1	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 1	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 1	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 1	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 2	Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	28
Bent 2	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 2	Pile 2	Prestressed Concrete Column	Prestressed Concrete Column	1
Bent 2	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 2	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Cap 1	Prestressed Concrete Pier Cap	Prestressed Concrete Pier Cap	28
Bent 3	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Crutch Bent 1 Spa	an Cap 1	Steel Pier Cap	Steel Pier Cap	41
2 Crutch Bent 1 Spa	an Pile 1	Steel Column	Steel Column	1
2 Crutch Bent 1 Spa	an Pile 2	Steel Column	Steel Column	1
2 Crutch Bent 1 Spa	an Cap 1	Steel Pier Cap	Steel Pier Cap	41
3 Crutch Bent 1 Spa	an Pile 1	Steel Column	Steel Column	1
3 Crutch Bent 1 Spa		Steel Column	Steel Column	1
3 Crutch Bent 2 Spa		Steel Pier Cap	Steel Pier Cap	41
3				
Crutch Bent 2 Spa	an Pile 1	Steel Column	Steel Column	1

## **Elements Verfied**

Location	Name	Component	Element Name	Amount
Crutch Bent 2 Span 3	Pile 2	Steel Column	Steel Column	1
Crutch Bent 1 Span	Cap 1	Steel Pier Cap	Steel Pier Cap	41
Crutch Bent 1 Span 4	Pile 1	Steel Column	Steel Column	1
Crutch Bent 1 Span 4	Pile 2	Steel Column	Steel Column	1

# **General Inspection Notes**

Span 1 Beam 1	
at beam ends over interior bents, ex	posed strand ends
Span 1 Beam 2	
at beam ends over interior bents, ex	posed strand ends
Span 1 Beam 3	
at beam ends over interior bents, ex	posed strand ends
Span 1 Beam 4	
at beam ends over interior bents, ex	posed strand ends
Span 2 Beam 1	
at beam ends over interior bents, ex	posed strand ends
Span 2 Beam 2	
at beam ends over interior bents, ex	posed strand ends
Span 2 Beam 3	
at beam ends over interior bents, ex	posed strand ends
Span 2 Beam 4	
at beam ends over interior bents, ex	posed strand ends
Span 3 Beam 1	
at beam ends over interior bents, ex	posed strand ends
Span 3 Beam 2	
at beam ends over interior bents, ex	posed strand ends
Span 3 Beam 3	
at beam ends over interior bents, ex	posed strand ends
Span 3 Beam 4	
at beam ends over interior bents, ex	posed strand ends
Span 4 Beam 1	
at beam ends over interior bents, ex	posed strand ends
Span 4 Beam 2	
at beam ends over interior bents, ex	posed strand ends
Span 4 Beam 3	
at beam ends over interior bents, ex	posed strand ends
Span 4 Beam 4	
at beam ends over interior bents, ex	posed strand ends

# **National Bridge and NC Inspection Items**

Structure Number: 770165

Inspection Date: 05/01/2018

#### National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0-9, N	7
Item 59: Superstructure	0 - 9 , N	6
Item 60: Substructure	0 - 9 , N	7
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	G	0	3350
Field Scour Evaluation		о		
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	25		
Superstructure Paint Code				

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

#### **Inspection Information**

Item	Grade Scale	Grade
Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	N
Inspection Time	Hours	5
Traffic Control Time	Hours	0
Snooper Time	Hours	0
Ladder Used	YES/NO	Ν
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	Y

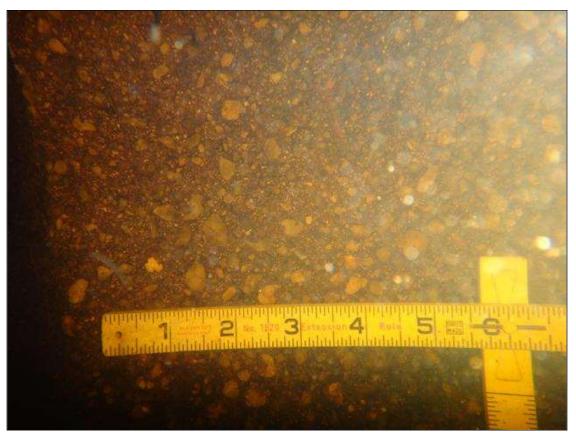
# National Bridge and NC SMU Inspection Item Details

ucture Numl	<b>ber:</b> 770165			Inspection Date: 05	5/01/2018
Item	Other Equipment Used	Grade Y	Maint Code	<b>Qty.</b> 0	
Details	Wetsuit, Mask, Fins				
Item	General Comments and Misc Items	Grade	Maint Code	<b>Qty.</b> 0	
Details	South approach asphalt: throughout South app	roach asphalt, multiple lon	igitudinal and transvers	se cracks [up to 25ft x up	to

1/8in] North approach asphalt: 25ft from end bent 2, pothole [10in x 5in x up to 2in deep] Northwest guardrail: at North approach, vehicular impact damage [25ft long] with multiple gouges [up to 5in x 3in]

Date: 05/01/2018

#### **Condition Photos**



Bent 3 Pile 1: waterline down 24in, abrasion [up to 1/16in]



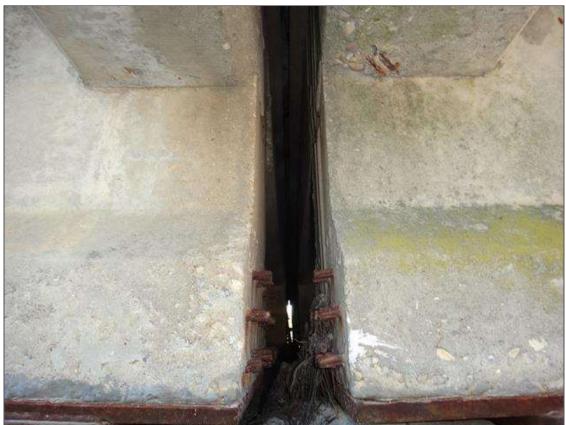
Bent 3 Pile 1: waterline down 24in, abrasion [up to 1/16in]

Date: 05/01/2018

#### **Condition Photos**



Span 4 Deck: diaphragm at right overhang over bent 3, spall/delamination [10in x 10in x 3in deep] with one [1] exposed longitudinal rebar and one [1] exposed vertical stirrup [section loss up to 1/16in]



exposed strand ends over interior bents [similar at all beams]

Structure: 770165

County: ROBESON

Date: 05/01/2018

**Condition Photos** 



Span 4 Beam 4 Near Bearing: active surface corrosion [no section loss noted]



Span 1 Right Bridge Rail: along length of rail at guardrail connections, multiple spalls [up to 5in diameter x up to 1in deep]

Date: 05/01/2018

**Condition Photos** 



Span 3 Right Bridge Rail: at rail post 4, spall [7in x 5in x 1in deep] [similar at rail post 6]



Span 3 Right Bridge Rail: at far third, spall [8in x 4in x 1in deep]

Date: 05/01/2018

#### **Condition Photos**



Span 4 Wearing Surface: asphalt over end bent 2, multiple transverse cracks [up to full width x up to 1/2in] with edge spalling [up to 1in]



Northwest guardrail: at North approach, vehicular impact damage [25ft long] with multiple gouges [up to 5in x 3in]

Date: 05/01/2018

Structure Photos



end bent 2 and slope protection



bent 3 [crutch bents at South and North faces]

Structure: 770165

County: ROBESON

Date: 05/01/2018

Structure Photos



## typical end diaphragm



typical interior diaphragm

Date: 05/01/2018

#### Structure Photos



## typical underside of deck



looking upstream [West] from underneath bridge

Structure: 770165

County: ROBESON

Date: 05/01/2018

#### Structure Photos



## looking [East] at bent 3



typical superstructure framing

Date: 05/01/2018

Structure Photos



looking downstream [East] from underneath bridge



typical beam over interior bent

County: ROBESON

Date: 05/01/2018

Structure Photos



typical interior bearing



typical bearing at crutch bent



# East profile looking West



West profile looking East

County: ROBESON

Date: 05/01/2018



Northwest wingwall



typical deck drain

Date: 05/01/2018

Structure Photos



Northeast wingwall



typical end bearing

Date: 05/01/2018

Structure Photos



bent 2 [crutch bents at South and North faces]



County: ROBESON

Date: 05/01/2018

Structure Photos



end bent 1 and slope protection



Southeast wingwall

County: ROBESON

Date: 05/01/2018

#### Structure Photos



Southwest wingwall



Northeast guardrail and end treatment

County: ROBESON

Date: 05/01/2018



Northwest guardrail and end treatment



typical guardrail post transition spacing

Structure Photos



# North approach asphalt



North approach looking South

Date: 05/01/2018

#### Structure Photos



## asphalt over end bent 2



typical wearing surface

Date: 05/01/2018



asphalt over bent 3



North approach looking North

Date: 05/01/2018



typical guardrail attachement to bridge rail

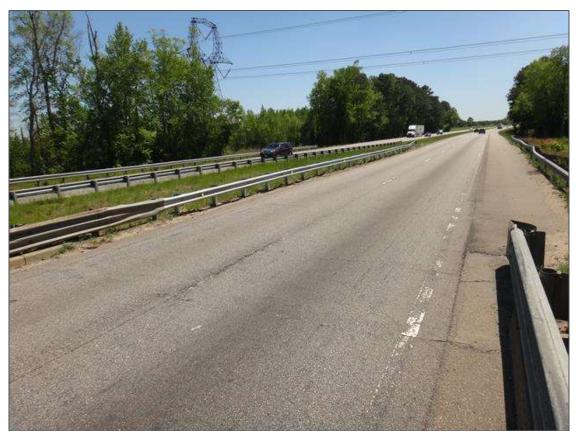


asphalt over bent 2

Date: 05/01/2018



asphalt over bent 1



South approach looking South

Date: 05/01/2018



asphalt over end bent 1



South approach asphalt

County: ROBESON

Date: 05/01/2018



Southwest corner [guardrail not attached to bridge rail]



Southwest guardrail looking South

Date: 05/01/2018



South approach looking North



Southeast guardrail looking South

County: ROBESON

Date: 05/01/2018



left bridge rail



right bridge rail

# Stream Bed Soundings (Profile diagram on following sheet)

County ROBESON

Structure Number: 770165

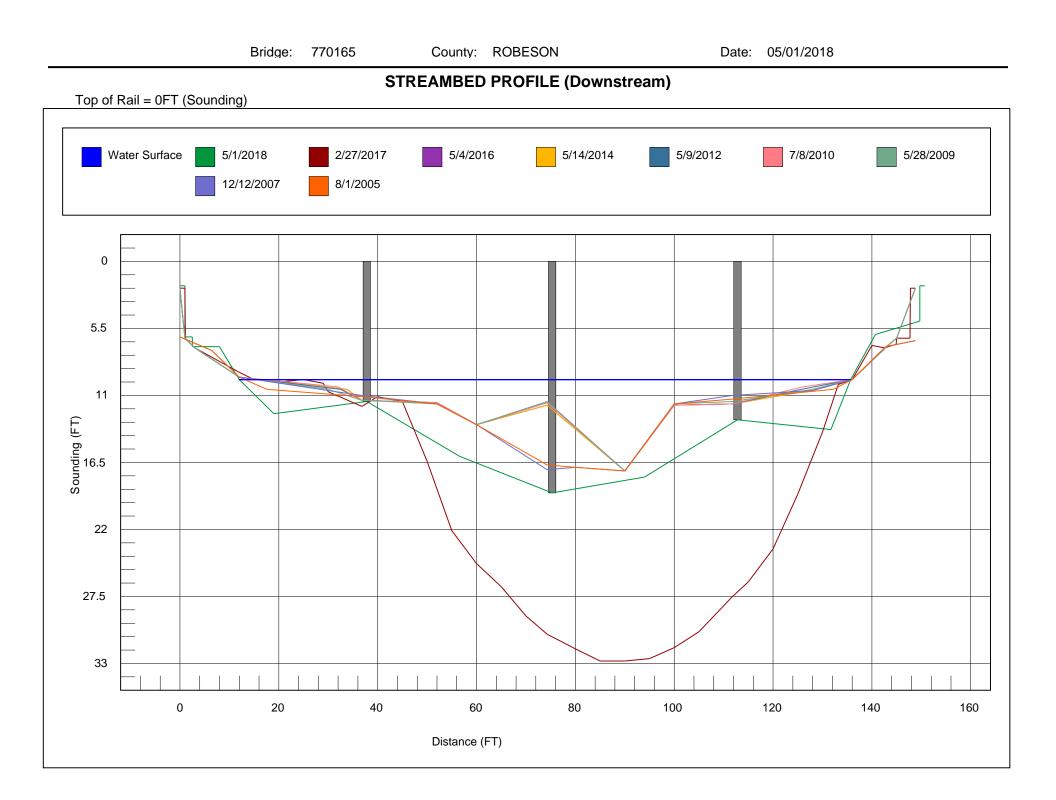
Inspection Date 05/01/2018

Sounding recorded from: Top of Bridge Rail

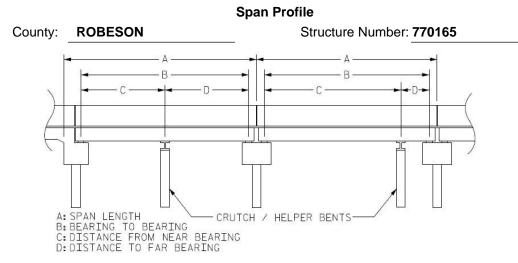
Highwater Mark Distance

Location of Highwater Mark

Distance (Station) ft.	Downstream Sounding ft.	Upstream Sounding ft.	Description
0.000	2.000	0.000	fill face
1.000	2.000	0.000	face of backwall
1.010	6.200	0.000	cap at backwall
2.500	6.200	0.000	face of cap
2.510	7.000	0.000	top of slope protection
8.000	7.000	0.000	face of slope protection
12.000	9.700	0.000	ws/we
19.000	12.500	0.000	streambed
37.800	11.500	11.800	bent 1
56.600	16.000	0.000	streambed
75.300	19.000	21.500	bent 2
94.000	17.700	0.000	streambed
112.800	13.000	18.300	bent 3
131.700	13.800	0.000	streambed
135.700	9.700	0.000	ws/we
140.700	6.000	0.000	rip rap slope protection
149.690	4.900	0.000	rip rap slope protection
149.700	2.000	0.000	face of backwall
150.700	2.000	0.000	fill face



# Structure Data Worksheet



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	37.833	35.916			
2	37.500	36.417			
			1	34.500	3.000
3	37.500	36.417			
			1	3.120	34.380
			2	34.250	3.250
4	37.833	35.916			
			1	2.920	34.910

#### NATIONAL BRIDGE INVENTORY------ STRUCTURE INVENTORY AND APPRAISAL Run Date: 08/07/2018

SCOUR

IDENTIFICATION	
(1) STATE NAME -NORTH CAROLINA BRIDGE	770165
	0000001550165
(5) INVENTORY ROUTE (ON/UNDER) - ON	11000950
(2) STATE HIGHWAY DEPARTMENT DISTRICT	1
(3) COUNTY CODE 155 (4) PLACE CODE	0
(6) FEATURE INTERSECTED - LITTLE MARSH SWAMP	
(7) FACILITY CARRIED 195S	
(9) LOCATION 0.8 MI.N. OF JCT SR1726	
	34.9
(16)LAT 34° 51' 31.22" (17)LONG 78° 57' 5	
(98)BORDER BRIDGE STATE CODE PCT SH	ARE
(99)BORDER BRIDGE STRUCTURE NO	
(43) STRUCTURE TYPE MAIN: Prestressed Concrete	
TYPE - Stringer Mutlibeam or Girder	CODE 502
(44) STRUCTURE TYPE APPR :	
TYPE -	CODE 000
(45) NUMBER OF SPANS IN MAIN UNIT	4
(46) NUMBER OF APPROACH SPANS	
(107)DECK STRUCTURE TYPE - 1	CODE
(108)WEARING SURFACE / PROTECTIVE SYSTEM :	
(A) TYPE OF WEARING SURFACE -	CODE
(B) TYPE OF MEMBRANE -	CODE
(C) TYPE OF DECK PROTECTION -	CODE
AGE AND SERVICE	
(27) YEAR BUILT	1959
	1959
(106)YEAR RECONSTRUCTED	1959
(106)YEAR RECONSTRUCTED (42) TYPE OF SERVICE : ON - Highway	1939
	CODE 15
(42) TYPE OF SERVICE : ON - Highway	
(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway	CODE 15
<ul> <li>(42) TYPE OF SERVICE : ON - Highway</li> <li>UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE</li> <li>2 UNDER STRUCTURE</li> </ul>	CODE 15 0
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> </ul>	CODE 15 0 22000
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> </ul>	CODE 15 0 22000 23% 16 MI
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> </ul> GEOMETRIC DATA (48) LENGTH OF MAXIMUM SPAN	CODE 15 0 22000 23% 16 MI 36 FT
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> </ul> GEOMETRIC DATA (48) LENGTH OF MAXIMUM SPAN (49) STRUCTURE LENGTH	CODE 15 0 22000 23% 16 MI 36 FT 151 FT
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> </ul> GEOMETRIC DATA (48) LENGTH OF MAXIMUM SPAN (49) STRUCTURE LENGTH (50)CURB OR SIDEWALK: LEFT 0 FT RIGHT	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 0 FT
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> <li>GEOMETRIC DATA</li> <li>(48) LENGTH OF MAXIMUM SPAN</li> <li>(49) STRUCTURE LENGTH</li> <li>(50)CURB OR SIDEWALK: LEFT 0 FT RIGHT</li> <li>(51) BRIDGE ROADWAY WIDTH CURB TO CURB</li> </ul>	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 0 FT 28 FT
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> <li>GEOMETRIC DATA</li> <li>(48) LENGTH OF MAXIMUM SPAN</li> <li>(49) STRUCTURE LENGTH</li> <li>(50) CURB OR SIDEWALK: LEFT 0 FT RIGHT</li> <li>(51) BRIDGE ROADWAY WIDTH CURB TO CURB</li> <li>(52) DECK WIDTH OUT TO OUT</li> </ul>	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 0 FT 28 FT 31.5 FT
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> <li>GEOMETRIC DATA</li> <li>(48) LENGTH OF MAXIMUM SPAN</li> <li>(49) STRUCTURE LENGTH</li> <li>(50)CURB OR SIDEWALK: LEFT 0 FT RIGHT</li> <li>(51) BRIDGE ROADWAY WIDTH CURB TO CURB</li> <li>(52) DECK WIDTH OUT TO OUT</li> <li>(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)</li> </ul>	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 0 FT 28 FT 31.5 FT 28 FT
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> </ul> GEOMETRIC DATA (48) LENGTH OF MAXIMUM SPAN (49) STRUCTURE LENGTH (50) CURB OR SIDEWALK: LEFT 0 FT RIGHT (51) BRIDGE ROADWAY WIDTH CURB TO CURB (52) DECK WIDTH OUT TO OUT (32) APPROACH ROADWAY WIDTH (W/SHOULDERS) (33) BRIDGE MEDIAN - No Median	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 0 FT 28 FT 31.5 FT 28 FT CODE 1
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> <li>GEOMETRIC DATA</li> <li>(48) LENGTH OF MAXIMUM SPAN</li> <li>(49) STRUCTURE LENGTH</li> <li>(50) CURB OR SIDEWALK: LEFT 0 FT RIGHT</li> <li>(51) BRIDGE ROADWAY WIDTH CURB TO CURB</li> <li>(52) DECK WIDTH OUT TO OUT</li> <li>(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)</li> <li>(33) BRIDGE MEDIAN - No Median</li> <li>(34) SKEW 0° (35) STRUCTURE FLAREI</li> </ul>	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 0 FT 28 FT 31.5 FT 28 FT CODE 1 0 0
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> </ul> GEOMETRIC DATA (48) LENGTH OF MAXIMUM SPAN (49) STRUCTURE LENGTH (50)CURB OR SIDEWALK: LEFT 0 FT RIGHT (51) BRIDGE ROADWAY WIDTH CURB TO CURB (52) DECK WIDTH OUT TO OUT (32) APPROACH ROADWAY WIDTH (W/SHOULDERS) (33) BRIDGE MEDIAN - No Median (34) SKEW 0° (35) STRUCTURE FLAREI (10) INVENTORY ROUTE MIN VERT CLEAR	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 0 FT 28 FT 31.5 FT 28 FT CODE 1 0 0 999.9 FT
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> <li>GEOMETRIC DATA</li> <li>(48) LENGTH OF MAXIMUM SPAN</li> <li>(49) STRUCTURE LENGTH</li> <li>(50)CURB OR SIDEWALK: LEFT 0 FT RIGHT</li> <li>(51) BRIDGE ROADWAY WIDTH CURB TO CURB</li> <li>(52) DECK WIDTH OUT TO OUT</li> <li>(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)</li> <li>(33) BRIDGE MEDIAN - No Median</li> <li>(34) SKEW 0° (35) STRUCTURE FLAREI</li> <li>(10) INVENTORY ROUTE MIN VERT CLEAR</li> <li>(47) INVENTORY ROUTE TOTAL HORIZ CLEAR</li> </ul>	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 0 FT 28 FT 31.5 FT 28 FT CODE 1 0 0 999.9 FT 28 FT
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> <li>GEOMETRIC DATA</li> <li>(48) LENGTH OF MAXIMUM SPAN</li> <li>(49) STRUCTURE LENGTH</li> <li>(50) CURB OR SIDEWALK: LEFT 0 FT RIGHT</li> <li>(51) BRIDGE ROADWAY WIDTH CURB TO CURB</li> <li>(52) DECK WIDTH OUT TO OUT</li> <li>(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)</li> <li>(33) BRIDGE MEDIAN - No Median</li> <li>(34) SKEW 0° (35) STRUCTURE FLAREI</li> <li>(10) INVENTORY ROUTE MIN VERT CLEAR</li> <li>(47) INVENTORY ROUTE TOTAL HORIZ CLEAR</li> <li>(53) MIN VERT CLEAR OVER BRIDGE RDWY</li> </ul>	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 0 FT 28 FT 31.5 FT 28 FT CODE 1 0 999.9 FT 28 FT 999.9 FT
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> </ul> GEOMETRIC DATA (48) LENGTH OF MAXIMUM SPAN (49) STRUCTURE LENGTH (50) CURB OR SIDEWALK: LEFT 0 FT RIGHT (51) BRIDGE ROADWAY WIDTH CURB TO CURB (52) DECK WIDTH OUT TO OUT (32) APPROACH ROADWAY WIDTH (W/SHOULDERS) (33) BRIDGE MEDIAN - No Median (34) SKEW 0° (35) STRUCTURE FLAREID (10) INVENTORY ROUTE TOTAL HORIZ CLEAR (47) INVENTORY ROUTE TOTAL HORIZ CLEAR (53) MIN VERT CLEAR OVER BRIDGE RDWY (54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 0 FT 28 FT 31.5 FT 28 FT CODE 1 0 999.9 FT 28 FT 28 FT 0 FT
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> </ul> GEOMETRIC DATA (48) LENGTH OF MAXIMUM SPAN (49) STRUCTURE LENGTH (50) CURB OR SIDEWALK: LEFT 0 FT RIGHT (51) BRIDGE ROADWAY WIDTH CURB TO CURB (52) DECK WIDTH OUT TO OUT (32) APPROACH ROADWAY WIDTH (W/SHOULDERS) (33) BRIDGE MEDIAN - NO Median (34) SKEW 0° (35) STRUCTURE FLAREI (10) INVENTORY ROUTE TOTAL HORIZ CLEAR (47) INVENTORY ROUTE TOTAL HORIZ CLEAR (53) MIN VERT CLEAR OVER BRIDGE RDWY (54) MIN VERT UNDERCLEAR RT REF Not a Highway or Railroad (55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 0 FT 28 FT 31.5 FT 28 FT CODE 1 0 999.9 FT 28 FT 28 FT 0 FT 0 FT 0 FT 000 FT
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> </ul> GEOMETRIC DATA (48) LENGTH OF MAXIMUM SPAN (49) STRUCTURE LENGTH (50) CURB OR SIDEWALK: LEFT 0 FT RIGHT (51) BRIDGE ROADWAY WIDTH CURB TO CURB (52) DECK WIDTH OUT TO OUT (32) APPROACH ROADWAY WIDTH (W/SHOULDERS) (33) BRIDGE MEDIAN - No Median (34) SKEW 0° (35) STRUCTURE FLAREID (10) INVENTORY ROUTE TOTAL HORIZ CLEAR (47) INVENTORY ROUTE TOTAL HORIZ CLEAR (53) MIN VERT CLEAR OVER BRIDGE RDWY (54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 0 FT 28 FT 31.5 FT 28 FT CODE 1 0 999.9 FT 28 FT 28 FT 0 FT
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> <li>GEOMETRIC DATA</li> <li>(48) LENGTH OF MAXIMUM SPAN</li> <li>(49) STRUCTURE LENGTH</li> <li>(50) CURB OR SIDEWALK: LEFT 0 FT RIGHT</li> <li>(51) BRIDGE ROADWAY WIDTH CURB TO CURB</li> <li>(52) DECK WIDTH OUT TO OUT</li> <li>(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)</li> <li>(33) BRIDGE MEDIAN - No Median</li> <li>(34) SKEW 0° (35) STRUCTURE FLAREI</li> <li>(10) INVENTORY ROUTE MIN VERT CLEAR</li> <li>(47) INVENTORY ROUTE TOTAL HORIZ CLEAR</li> <li>(53) MIN VERT CLEAR OVER BRIDGE RDWY</li> <li>(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad</li> <li>(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad</li> <li>(56) MIN LAT UNDERCLEAR LT REF -</li> </ul>	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 0 FT 28 FT 31.5 FT 28 FT CODE 1 0 999.9 FT 28 FT 999.9 FT 0 FT 000 FT 000 FT
<ul> <li>(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> <li>GEOMETRIC DATA</li> <li>(48) LENGTH OF MAXIMUM SPAN</li> <li>(49) STRUCTURE LENGTH</li> <li>(50)CURB OR SIDEWALK: LEFT 0 FT RIGHT</li> <li>(51) BRIDGE ROADWAY WIDTH CURB TO CURB</li> <li>(52) DECK WIDTH OUT TO OUT</li> <li>(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)</li> <li>(33) BRIDGE MEDIAN - NO Median</li> <li>(34) SKEW 0° (35) STRUCTURE FLAREI</li> <li>(10) INVENTORY ROUTE TOTAL HORIZ CLEAR</li> <li>(47) INVENTORY ROUTE TOTAL HORIZ CLEAR</li> <li>(53) MIN VERT CLEAR OVER BRIDGE RDWY</li> <li>(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad</li> <li>(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad</li> <li>(56) MIN LAT UNDERCLEAR LT REF -</li> </ul> NAVIGATION CONTROL - No Navigational Control	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 0 FT 28 FT 31.5 FT 28 FT 28 FT CODE 1 0 999.9 FT 28 FT 999.9 FT 0 FT 000 FT 000 FT
(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway (28) LANES: ON STRUCTURE 2 UNDER STRUCTURE (29) AVERAGE DAILY TRAFFIC (30) YEAR OF ADT 2015 (109) TRUCK ADT PCT (19) BYPASS OR DETOUR LENGTH GEOMETRIC DATA (48) LENGTH OF MAXIMUM SPAN (49) STRUCTURE LENGTH (50)CURB OR SIDEWALK: LEFT 0 FT RIGHT (51) BRIDGE ROADWAY WIDTH CURB TO CURB (52) DECK WIDTH OUT TO OUT (32) APPROACH ROADWAY WIDTH (W/SHOULDERS) (33) BRIDGE MEDIAN - No Median (34) SKEW 0° (35) STRUCTURE FLAREI (10) INVENTORY ROUTE MIN VERT CLEAR (47) INVENTORY ROUTE TOTAL HORIZ CLEAR (53) MIN VERT CLEAR OVER BRIDGE RDWY (54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad (55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad (56) MIN LAT UNDERCLEAR LT REF - NAVIGATION DATA (38) NAVIGATION CONTROL - No Navigational Control (111)PIER PROTECTION -	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 28 FT 31.5 FT 28 FT 28 FT 0 FT 28 FT 28 FT 999.9 FT 0 FT 000 FT 000 FT 000 FT 000 FT
<ul> <li>(42) TYPE OF SERVICE : ON - Highway</li> <li>UNDER - Waterway</li> <li>(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE</li> <li>(29) AVERAGE DAILY TRAFFIC</li> <li>(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT</li> <li>(19) BYPASS OR DETOUR LENGTH</li> <li>GEOMETRIC DATA</li> <li>(48) LENGTH OF MAXIMUM SPAN</li> <li>(49) STRUCTURE LENGTH</li> <li>(50) CURB OR SIDEWALK: LEFT 0 FT RIGHT</li> <li>(51) BRIDGE ROADWAY WIDTH CURB TO CURB</li> <li>(52) DECK WIDTH OUT TO OUT</li> <li>(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)</li> <li>(33) BRIDGE MEDIAN - No Median</li> <li>(34) SKEW 0° (35) STRUCTURE FLAREI</li> <li>(10) INVENTORY ROUTE MIN VERT CLEAR</li> <li>(47) INVENTORY ROUTE TOTAL HORIZ CLEAR</li> <li>(53) MIN VERT CLEAR REF Not a Highway or Railroad</li> <li>(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad</li> <li>(56) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad</li> <li>(56) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad</li> <li>(56) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad</li> <li>(56) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad</li> <li>(56) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad</li> <li>(56) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad</li> <li>(56) MIN LAT UNDERCLEAR LT REF -</li> </ul>	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 28 FT 31.5 FT 28 FT 28 FT 0 FT 28 FT 999.9 FT 0 FT 000 FT 000 FT 000 FT 000 FT 000 FT
(42) TYPE OF SERVICE : ON - Highway UNDER - Waterway (28) LANES: ON STRUCTURE 2 UNDER STRUCTURE (29) AVERAGE DAILY TRAFFIC (30) YEAR OF ADT 2015 (109) TRUCK ADT PCT (19) BYPASS OR DETOUR LENGTH GEOMETRIC DATA (48) LENGTH OF MAXIMUM SPAN (49) STRUCTURE LENGTH (50)CURB OR SIDEWALK: LEFT 0 FT RIGHT (51) BRIDGE ROADWAY WIDTH CURB TO CURB (52) DECK WIDTH OUT TO OUT (32) APPROACH ROADWAY WIDTH (W/SHOULDERS) (33) BRIDGE MEDIAN - No Median (34) SKEW 0° (35) STRUCTURE FLAREI (10) INVENTORY ROUTE MIN VERT CLEAR (47) INVENTORY ROUTE TOTAL HORIZ CLEAR (53) MIN VERT CLEAR OVER BRIDGE RDWY (54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad (55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad (56) MIN LAT UNDERCLEAR LT REF - NAVIGATION DATA (38) NAVIGATION CONTROL - No Navigational Control (111)PIER PROTECTION -	CODE 15 0 22000 23% 16 MI 36 FT 151 FT 28 FT 31.5 FT 28 FT 28 FT 0 FT 28 FT 28 FT 999.9 FT 0 FT 000 FT 000 FT 000 FT 000 FT

SUFFICIENCY RATING =

STATUS = Functionally Obsolete

CLASSIFICATION	- CODE
(112)NBIS BRIDGE SYSTEM -	YES
(104)HIGHWAY SYSTEM Is on the NHS	1
(26) FUNCTIONAL CLASS - Arterial - Interstate	01
(100)STRAHNET HIGHWAY - Interstate STRAHNET Route	1
(101)PARALLEL STRUCTURE - Left Parallel Structure	L
(102) DIRECTION OF TRAFFIC - 1-way Traffic	1
(103)TEMPORARY STRUCTURE -	
(110) DESIGNATED NATIONAL NETWORK - On the National Network	1
(20) TOLL On Free Road	3
(31) MAINTAIN - State Highway Agency	01
(22) OWNER - State Highway Agency	01
(37) HISTORICAL SIGNIFICANCE - Not Eligible	5

50.44

c	ONDITION -		- CODE ·
(58) DECK			7
(59) SUPERSTRUCTURE			6
(60) SUBSTRUCTURE			7
(61) CHANNEL & CHANNEL PROT	ECTION		7
(62) CULVERTS			Ν
LOAD RAT	ING AND POST	ING ———	- CODE ·
(31) DESIGN LOAD HS 20	+ MOD	-	6
(63) OPERATING RATING METHO	D - Load Factor		1
(64) OPERATING RATING -	HS-21		37
(65) INVENTORY RATING METHO	D - Load Factor		1
(66) INVENTORY RATING - HS-	12		22
(70) BRIDGE POSTING - No F	Posting Required		5
(41) STRUCTURE OPEN, POSTED	,OR CLOSED		А
DESCRIPTION - Open, No			
	PPRAISAL —		- CODE
(67) STRUCTURAL EVALUATION			5
(68) DECK GEOMETRY			2
(69) UNDERCLEARANCES, VERTI	& HORIZ		N
(71) WATERWAY ADEQUACY			7
(72) APPROACH ROADWAY ALIG			8
(36) TRAFFIC SAFETY FEATURES	5		1111
(113)SCOUR CRITICAL BRIDGES			8
PROPOS	SED IMPROVEM	ENTS —	
(75) TYPE OF WORK -		COD	E
(76) LENGTH OF STRUCTURE IMI			
(94) BRIDGE IMPROVEMENT COS			
(95) ROADWAY IMPROVEMENT C	OST		
(96) TOTAL PROJECT COST			
(97) YEAR OF IMPROVEMENT CO			
(114)FUTURE ADT 44000	(115) YEAR	FUTURE ADT	2025
INS	SPECTIONS		
(90) INSPECTION DATE			05/01/2018
(92) CRITICAL FEATURE INSPECT	TION :	(93) CFI DA	TE
A) FRACTURE CRIT DETAIL -	NO	A)	
B) UNDERWATER INSP -	YES 48Mo	B)	02/16/2015
C) OTHER SPECIAL INSP	NO	C)	

#### BRIDGE MANAGEMENT UNIT

		DAT	A ON EXISTING	STRUCTURE	Run Date	: 08/07/2018		
COUNTY : ROBESON		DIVISION : 6	DISTRICT: 1	STRUCTURE NUN 77016		LENG	TH : 151	FEET
ROUTE CARRIED :	1050		FEATURE IN	TERSECTED :				
	195S			LII	TLE MARSH SW	AMP		
LOCATED : 0.8 MI.N.	OF JCT SR1726		BRIDGE NAME	:	CITY	:		
FUNC. CLASS :	SYST.ON :	SYST.UND	ER :	ADT & YR :		RAIL TYPE	:	
01	FA		NFA	22000 2	2015	LT 333	8 RT 3	33
BUILT : 1959	BY : SHC	PROJ :	8.13962	FED.AID PROJ	: DI	ESIGN LOAD	: HS 20 + I	MOD
REHAB :	BY :	PROJ :	ALIGNMEN <sup>-</sup>		LAN 90	ES : ON 2	UNDER	0
NAVIGATION : VC 0	FT	HC 0	HT. CRN. FT	TO BED : 17	WAT FT	ER DEPTH :	)	FT
SUPERSTRUCTURE	RC DECK	ON PPC GIRDER						
SUBSTRUCTURE :	E.BT&INT.	BTS:RC CAPS/PF	PC PILES @ 8'2 CT	-S.				
SPANS :	1 @ 37'10;2	2 @ 37'6;1 @ 37'′	10					
BEAMS OR GIRDERS	: 4 LINE	S 18X35 PPC GI	RDERS @ 8' CTS.					
FLOOR : 7" RC/3" #	AWS	ENCROACHM	ENT :	DECK (0	OUT TO OUT) :	31.5 FT		
CLEAR ROADWAY :		BETWEEN RAIL	_S :	SIDEW	ALK OR CURB			
28	FT		28 FT		LT	0 FT	RT	0 FT
VERT.CL.OVER : 999.9 FT								
INV.RTG. : HS-12	OPE.RTG. : F	CONT IS-21	R.MEMBER :	POSTED : SV	TTST	DATE	01/01/0	0001
SYSTEM : Primary Interstate					GREEN LINE		Y	

UNDER ROUTES AND CLEARANCES

# **Bridge Inspection Field Sketch**

LOOKING SOUTH I-95 SBL ( M.P. 34.9 )

Roadway	23ft Wide	2 Paved Lanes	Looking South
Left Shoulder	6.5ft Wide	3.5ft Paved	3ft Unpaved
Right Shoulder	5.5ft Wide	1.5ft Paved	4ft Unpaved
Left Guardrail	3.5ft from road		
Right Guardrail	1.5ft from road		

Measurements Taken at North Approach

All Measurements Revised: J. Talacek 05/01/2018

Title		Description						
Approach Roadway Sketch	1	Data W	/orkshe	et				
Bridge No: 770165	Drawn By: RLK	1	Date:	5/14/2014	File Name:	S0098000262		

	Deck Width/Out to Out	31.5ft*	Betwe	en Rails		28ft	
	Clear Roadway	28ft		ng Surface		0.25ft	
	Median Width			n Height			
	Curb Height		Left	0.583ft	Right	0.583ft	
	Sidewalk Width		Left		Right		_
	Clear Roadway (Rail to I	Median)	Left		Right		_
	Guardrail Width		Left	2.25ft	Right	2.25ft	
	Top of Rail to Deck/Wea	aring Surface	Left	2.333ft	Right	2.333ft	_
FTTA	Bridge Rail		Left	Type 33	Right	Туре 33	
<u> </u>							<u>al</u>
5							
	Measurements for Span #	1					
	Deck Thickness	0.583ft	Left	Overhang		3.75ft	*
	Top of Rail to Bottom of Be	eam 6.083ft	Righ	t Overhang		3.75ft	k
	<b>D T</b>	<b>•</b> • •					
Beam Numb		Spacing		Com	ments		
1	PPC Girder	8ft		Com	iments		
1 2	PPC Girder PPC Girder	8ft 8ft		Com	iments		
1 2 3	PPC Girder PPC Girder PPC Girder	8ft		Com	ments		
1 2	PPC Girder PPC Girder	8ft 8ft		Com	iments		
1 2 3	PPC Girder PPC Girder PPC Girder	8ft 8ft		Com			
1 2 3	PPC Girder PPC Girder PPC Girder	8ft 8ft 8ft		Com			
1 2 3	PPC Girder PPC Girder PPC Girder	8ft 8ft 8ft Typical Girder	Detail				
1 2 3	PPC Girder PPC Girder PPC Girder	8ft 8ft 8ft	Detail				
1 2 3	PPC Girder PPC Girder PPC Girder	8ft 8ft 8ft Typical Girder	Detail				
1 2 3	PPC Girder PPC Girder PPC Girder	8ft 8ft 8ft Typical Girder	Detail				
1 2 3	PPC Girder PPC Girder PPC Girder	8ft 8ft 8ft Typical Girder N.T.S.	Detail				
1 2 3	PPC Girder PPC Girder PPC Girder	8ft 8ft 8ft Typical Girder	Detail				
1 2 3	PPC Girder PPC Girder PPC Girder	8ft 8ft 8ft Typical Girder N.T.S.	Detail				
1 2 3	PPC Girder PPC Girder PPC Girder	8ft 8ft 8ft Typical Girder N.T.S.	Detail				
1 2 3	PPC Girder PPC Girder PPC Girder	8ft 8ft 8ft Typical Girder N.T.S.	Detail				
1 2 3	PPC Girder PPC Girder PPC Girder	8ft 8ft 8ft Typical Girder N.T.S.	Detail				

Title		Descri	ption	
Typical Section Sketch		Data W	/orksheet	
Bridge No: 770165	Drawn By: RLK		Date: 5/09/2012	File Name: \$0098000263

		Bri	dge l	nsp	ectio	on Fie	ld S	ketch		
	ormation				Place Concre					
Length 27.083 f	n Width it. 3.000 ft.	Height 2.500 ft.	Left Over 1.750	hang	Right Overh 1.750 ft.	nang Left E	Beam to Er 917 ft.	nd of Cap. Rig	ght Beam to E 1.833 ft.	nd of Cap.
Subcap Length	n Width	Height	Material Left Over	hang	Right Overh	nang Left F	Pile to Spli	ce.		
Sill Info Length	ormation Width	Height	Material							
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement	? Removed?	Collar?
1	Concrete	7.667 ft.	1.667 ft.	0	<u>J</u>	Battered	Yes	No	No	No
2	Concrete	8 ft.	1.667 ft.			Vertical	Yes	No	No	No
3	Concrete	7.917 ft.	1.667 ft.			Vertical	Yes	No	No	No
4	Concrete		1.667 ft.			Battered	Yes	No	No	No
Bent #:	1									
Measurem	nents Verified: J	. Talacek (	05/01/2018							
	ionto venileu. J		55/01/2010			<b>D</b>	-			
Title	ant Skatah					Descriptio				
	Bent Sketch	-				Data Work				
Bridge No:	(10165	Drawr	ву: RLK			Dat	e: 5/28/20	JU9 File	Name: S0098(	000819

# **Bridge Inspection Field Sketch**

Cap In	formation		Material	Steel								
Lengt		Height	Left Over	- 1	Right Over		Left Be	eam to Er	d of Cap.	Righ	t Beam to En	d of Cap.
40.500		2.334 ft.	2.084	ft.	2.917 ft							
	p Information		Material									
Lengt	h Width	Height	Left Over	hang	Right Over	hang	Left Pi	le to Splic	æ.			
Sill Info	ormation		Material				·					
Lengt	h Width	Height										
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replacem	nent?	Removed?	Collar?
1	Steel	35.5 ft.	1.15 ft.			Ver	tical	Yes	No		No	No
2	Steel		1.15 ft.			Ver	tical	Yes	No		No	No
Crutch	Bent #: 1 S	Similar Cruto	ch Bents: 2,	3, and 4	1							
		Web					13 3/4in	14 3/4in	Pile Detai N.T.S. Flange Th Web Th	icknes		
<b>Fitle</b>						Desc	ription					

Typical Crutch Bent Sketch			Data Worksheet				
Bridge No: 770165	Drawn By: DLW		Date: 5/1/2018	File Name: S			

File Name: S0586000011

		Abutment 2				
		L				
					North	
	1.7'	Bent 3	1.5'			
	5.3'	Bent 2	7.2'			
				0		
				Current: Stream		SAND/SILT W/2 FT.
				Water Su	rface: 1.2' TO BOTTC	M OF CAP
	1.3'	Bent 1	1'			
	1.5	Dent				
		Abutment 1				
			escription			
N VIEW			ATERWAY			