ATTENTION: Changes to Structure Data

Structure Safety Report

Routine Element Inspection - Contract

		INSPECTION DA	05/01/201	<u> </u>			
DIVISION: 6	COUNTY: ROBESOI	STRUC	TURE NUMBER:	770164	FRE	QUENCY: 24 MON	NTHS
FACILITY CARRIED	: 195 NBL				MILE POST:	34.9	
LOCATION: 0.8 MI.	N. OF JCT.SR1726						
FEATURE INTERSE	CTED: LITTLE MARS	H SWAMP					
LATITUDE: 34° 51	' 31.15"	LONGITUDE:	78° 57' 56.15"				
SUPERSTRUCTURE	E: RC FLOOR/PPC (GIRDERS					
SUBSTRUCTURE:	E.BTS&INT.BTS:PPC	CAP/PPC PILES					
SPANS: 4 SPAN	S. SEE SPAN PROFII	LE SHEET FOR SPAN D	ETAILS				
FRACTURE CR	ITICAL TEMPO	RARY SHORING	SCOUR CRITIC	CAL	SCOUR	PLAN OF ACTION	
GRADES: DECI	K 7 SUPERSTR	UCTURE 6 SUBST	RUCTURE 7	CULV	ERT N	_	
POSTED SV: Not	Posted		POSTED TTS	T: Not Post	ed		
OTHER SIGNS PRE	SENT: none						
					Sign notice issued for		Number Required
	4 - 4			LINE	NO	WEIGHT LIMIT	0
	Name of the last o	T de			NO	DELINEATORS	0
					NO	NARROW BRIDGI	E 0
					NO_	ONE LANE BRIDG	E 0
					NO	LOW CLEARANC	E <u>0</u>
					INSF DIR	CTION OF PECTION S- ECTION HES PLANS	N
South approach lo	oking North						
INSPECTED BY JAMES TALACEK		SIGNATURE	7-72	.	ASSISTED B	Y DILLON WINTERS	S, EI

Structure Element Scoring

Structure Number: 770164 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	0	Reinforced Concrete Deck	Deck	5050	5039	0	11	0
109	0	Prestressed Concrete Open Girder/Beam	Beam	608	605	3	0	0
226	0	Prestressed Concrete Pile	Piles and Columns	12	0	12	0	0
233	0	Prestressed Concrete Pier Cap	Caps	84	84	0	0	0
313	0	Fixed Bearing	Bearing Device	32	4	28	0	0
515	313	Steel Protective Coating	Bearing Device	32	4	0	28	0
321	0	Reinforced Concrete Approach Slabs	Approaches	0	0	0	0	0
333	0	Other Bridge Railing	Bridge Rail	304	135	166	3	0
510	0	Wearing Surface	Wearing Surfaces	4220	4005	0	215	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 770164 Inspection Date: 05/01/2018

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Delamination/Spall	5 Square Feet
3326	Reinforced Concrete Deck	Efflorescence/Rust Staining	6 Square Feet
3318	Other Bridge Railing	Damage	137 Feet
3318	Other Bridge Railing	Delamination/Spall	32 Feet
2816	Wearing Surface	Crack (Wearing Surface)	208 Square Feet
2816	Wearing Surface	Patched Area/Pothole (Wearing Surface)	7 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	28 Square Feet

Element Structure Maintenance Quantities

Structure Number: 770164 Inspection Date 05/01/2018

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	О	О	3	605
Bearing Device	3334	Bridge Bearing	0	32	О	О	28	4
Bearing Device	3342	Clean and Paint Steel	28	32	О	28	0	4
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	169	304	О	3	166	135
Caps	3348	Maintenance of Concrete Substructure	0	84	О	О	0	84
Deck	3326	Maintenance of Concrete Deck	11	5050	О	11	О	5039
Piles and Columns	3348	Maintenance of Concrete Substructure	0	12	О	О	12	0
Wearing Surfaces	2816	Asphalt Surface Repair	215	4220	0	215	0	4005

Element Condition and Maintenance Data

Structure Number: 770164 Inspection Date: 05/01/2018

Spa	an 1	Deck						
Rei	nforced Concrete	Deck						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinford	ced Concrete Deck	1,268	1,260	0	8	0	Square Feet
lemer	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
12	Delamination/Spall	diaphragm at left and right overh 8in diameter] with exposed ruste			3	2	2	Square Feet
12	Efflorescence/Rust Staining	left overhang at bent 1, effloresco	ence buildup		3	6	6	Square Feet
12	Cracking (RC and Other)	throughout underside of deck, m longitudinal cracks [up to full bay hairline map cracking	•		1	750		Square Feet

Span 1		Beam 1						
Prestre	ssed Concrete Gir	der						
Element Number		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed C	oncrete Open Girder/Beam	38	37	1	0	0 Feet	
Element Number	Defect Type	Defect Descripti	on		cs c	CS Qty	Maint Qty	

2

1

Feet

at far end 1ft from bent 1, sound patch [4in diameter]

Patched Area General Comments

109

at beam ends of interior bent, exposed strand ends

Span 1		Beam 2						
Prestres	ssed Concrete Girde	er						
Element Number	Eld	ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Cor	ncrete Open Girder/Beam	38	38	0	0	0 Feet	
lement Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	

General Comments

at beam ends of interior bent, exposed strand ends

Span 1		Beam 3						
Prestres	ssed Concrete Girde	r						
Element Number	Ele	ment Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Con	crete Open Girder/Beam	38	38	0	0	0	Feet
Element Number	Defect Type	Defect Descript	ion		cs o	CS Qty	Maint Qty	

General Comments

at beam ends of interior bent, exposed strand ends

Inspection Date: <u>05/01/2018</u> Structure Number: 770164

Spa	an 1	Beam 4						
Pre	stressed Concre	te Girder						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
109	Prestre	essed Concrete Open Girder/Beam	38	37	1	0	0	Feet
leme	Dofoot Typo	Defect Descript	ion		cs	CS Qty	Maint Qty	
109	Patched Area	East lower edge at far end 1ft from ben 4in]	t 1, sound patch	[6in x	2	1		Feet
	General Comments							

General Comments

at beam ends of interior bent, exposed strand ends

n 1	Wearing S	urface					
halt Wearing Surfa	ace						
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Wearing	Surface	1,060	993	0	67	0 S	quare Feet
Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
Crack (Wearing Surface)	3ft from left shoulder, longitudinal	crack [full length x up	to 1/8in]	3	38	38	Square Feet
Crack (Wearing Surface)	asphalt over End Bent 1, multiple to width x up to 1/4in]	transverse cracks [up	to full	3	28	28	Square Feet
Patched Area/Pothole (Wearing Surface)	centerline near midspan, pothole [11in x 5in x up to 2in	deep]	3	1	1	Square Feet
	ment her Wearing t Defect Type Crack (Wearing Surface) Crack (Wearing Surface) Patched Area/Pothole	halt Wearing Surface The Bernard Name Wearing Surface The Defect Type Crack (Wearing Surface) Crack (Wearing Surface) Crack (Wearing Surface) Crack (Wearing Surface) Application of the Shoulder, longitudinal surface) Crack (Wearing Surface) Application of the Shoulder of the Shoulder, longitudinal surface) Crack (Wearing Surface) Application of the Shoulder of the Sho	halt Wearing Surface Total Qty Wearing Surface 1,060 Total Qty Aty Aty Aty Aty Aty Aty Aty Aty Aty A	halt Wearing Surface Total CS1 Qty Qty Wearing Surface 1,060 993 Total CS1 Qty Qty Qty Nearing Surface 1,060 993 Total CS1 Qty Qty Qty Nearing Surface 1,060 993 Total CS1 Qty Qty Nearing Surface 1,060 993 Total CS1 Qty Qty Nearing Surface 1,060 993	halt Wearing Surface Total CS1 CS2 Qty Qty Qty Wearing Surface 1,060 993 0 Total CS1 CS2 Qty Qty Qty Wearing Surface 1,060 993 0 Total CS1 CS2 Qty Qty Qty Rearing Surface 1,060 993 0 Total CS1 CS2 Qty Qty Qty Rearing Surface 1,060 993 0 Total CS1 CS2 Qty Qty Qty Rearing Surface 1,060 993 0 Total CS1 CS2 Rearing Surface 1,060 993 0 Total CS2 Rearing Surface 1,060 993 0 Total CS1 CS2 Rearing Surface 1,060 993 0 Total CS1 CS2 Rearing Surface 1,060 993 0 Total CS1 CS2 Rearing Surface 1,060 993 0 Total CS3 Rearing Surface 1,060 993 0 Total CS3 Rearing Surface 1,060 993 0 Total CS4 Rearing Surface 1,060 993 0 Total CS5 Rearing Surface 1,060 993 0 Total CS5 Rearing Surface 1,060 993 0 Total CS5 Rearing Surface 1,060 993 0 Total CS6 Re	halt Wearing Surface Total CS1 CS2 CS3 Qty Qty Qty Qty Qty Qty Wearing Surface 1,060 993 0 67 The Defect Type Defect Description CS CS Qty Crack (Wearing Surface) 3ft from left shoulder, longitudinal crack [full length x up to 1/8in] 3 38 Surface) asphalt over End Bent 1, multiple transverse cracks [up to full 3 28 width x up to 1/4in] 28 Patched Area/Pothole centerline near midspan, pothole [11in x 5in x up to 2in deep] 3 1	halt Wearing Surface Total CS1 CS2 CS3 CS4 Qty Qty Qty Qty Qty Qty Qty Qty Wearing Surface 1,060 993 0 67 0 S Total CS1 CS2 CS3 CS4 Qty Wearing Surface 1,060 993 0 67 0 S Total CS1 CS2 CS3 CS4 Qty Wearing Surface 1,060 993 0 67 0 S Total CS1 CS2 CS4 Waint Qty Crack (Wearing Str from left shoulder, longitudinal crack [full length x up to 1/8in] 3 38 38 Surface) Crack (Wearing Surface asphalt over End Bent 1, multiple transverse cracks [up to full Surface) width x up to 1/4in] Patched Area/Pothole centerline near midspan, pothole [11in x 5in x up to 2in deep] 3 1 1

General Comments

Spar	າ 1	Left Bridge	Rail					
Con	crete and Metal I	Railing						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other E	Bridge Railing	38	35	3	0	0 Feet	
Element Number	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
333	Delamination/Spall	along length of rail at steel rail conto 5in diameter x up to 1in deep]	nections, multiple spa	alls [up	2	3	3 Feet	

General Comments

first segment of bridge rail has been replaced

Span	1	Right Brid	lge Rail					
Concr	ete and Metal F	Railing						
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other E	Bridge Railing	38	0	38	0	0 F	eet
Element Number	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
333 D	amage	along length of attached metal gudamage with scrapes and tears [u		ıct	2	34	34	Feet
333 D	elamination/Spall	along length of rail at steel rail cor to 5in diameter x up to 1in deep]	nnections, multiple spa	alls [up	2	4	4	Feet

n 1	Beam 1 N	ear Bearing					
ed Bearing							
nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Fixed Be	aring	1	0	1	0	0	Each
Steel Pro	tective Coating	1	0	0	1	0	Square Feet
t r Defect Type	Defect Des	scription		cs	CS Qty	Maint Qty	
Corrosion	active surface corrosion [no section	on loss noted]		2	1	-	Each
Effectiveness (Steel Protective Coatings)	paint failure with active surface co	prrosion [no section lo	ss noted]	3	1		1 Square Feet
r	nent her Fixed Be Steel Pro	d Bearing The state of the sta	d Bearing Total ober 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 noted]	Total CS1 where Element Name Qty Qty Fixed Bearing 1 0 Steel Protective Coating 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]	Total CS1 CS2 ther Element Name 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	Total CS1 CS2 CS3 Meer Element Name Qty Qty Qty Qty Qty Qty Steel Protective Coating 1 0 1 0 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1	tent Bearing Total CS1 CS2 CS3 CS4 aber Element Name Qty Qty Qty Qty Qty Qty Qty Fixed Bearing 1 0 1 0 0 0 Steel Protective Coating 1 0 0 1 0 Steel Protective Coating 1 0 0 1 0 Total CS1 CS2 CS3 CS4 Qty

Spa	ın 1	Beam 1 Fa	r Bearing					
Fixe	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	Dofoct Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section	n loss noted]		2	1	•	Each
515	Effectiveness (Stee Protective Coatings		rosion [no section los	ss noted]	3	1		1 Square Feet
	General Comments							

Spa	an 1	Beam 2 Fa	r Bearing					
Fix	ed Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed	Bearing	1	0	1	0	0	Each
515	Steel F	Protective Coating	1	0	0	1	0	Square Feet
Elemei Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no sectio	n loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	rrosion [no section los	ss noted]	3	1		1 Square Feet
	General Comments			-				

Spar Fixe	n 1 d Bearing	Beam 4	Near Bearing					
Elem Num 313		Element Name	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515		otective Coating	1	0	0	1	0	Square Feet
Element Number	Dofoct Typo	Defect	Description		cs	CS Qty	Maint Qty	
313	313 Corrosion active surface corro		osion [no section loss noted]		2	1	•	Each
515	515 Effectiveness (Steel paint failure with act Protective Coatings)		e corrosion [no section los	ss noted]	3	1		1 Square Feet

Spa	an 1	Beam 4 Fa	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	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section	on loss noted]		2	1	•	Each
515	Effectiveness (Stee Protective Coating		rrosion [no section los	ss noted]	3	1		1 Square Feet
	General Comments	s						

Spa	ın 1	Beam 3 Far	Bearing					
Fixe	ed Bearing							
	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	otective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Dofoct Type	Defect Descri	ption		cs	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section le	oss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corro	sion [no section los	ss noted]	3	1		1 Square Feet
	General Comments							

Spa	an 2	Deck						
Rei	nforced Concrete	Deck						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	1,257	1,255	0	2	0	Square Feet
Eleme	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
12	Delamination/Spall	at right overhang over bent 1, spa up to 3in deep] with three [3] expo loss < 1/16in]			3	2	2	2 Square Feet
12	Cracking (RC and Other)	throughout underside of deck, mu longitudinal cracks [up to full bay hairline map cracking	•		1	700		Square Feet
	General Comments	namino map oraciang						

Span 2		Beam 1						
Prestres	ssed Concrete Girder							
Element Number	Eleme	nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concret	e Open Girder/Beam	38	37	1	0	0	Feet
515	Steel Protective Coa	ting	0	0	0	0	0	Square Feet
ement umber	Defect Type	Defect Description	on		cs	CS Qty	Maint Qty	

109 Patched Area lower East edge at far end of beam 1ft from bent 2, sound patch 2 1 Feet [8in diameter]

General Comments

at beam ends of interior bent, exposed strand ends

Element Number	,	ement Name ocrete Open Girder/Beam	Total Qty 38	CS1 Qty 38	CS2 Qty	CS3 Qty 0	CS4 Qty 0 Feet
Element	Ele	ement Name					
Fiestiesse							
Droctrocco	ed Concrete Girde	er					
Span 2		Beam 2					

General Comments

at beam ends of interior bent, exposed strand ends

Span 2		Beam 3						
Prestres	ssed Concrete Girde	er						
Element Number	Ele	ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Con	crete Open Girder/Beam	38	38	0	0	0 Feet	
Element Number	Defect Type	Defect Descripti	on		cs	CS Qty	Maint Qty	

General Comments

at beam ends of interior bent, exposed strand ends

Span 2		Beam 4						
Prestres	ssed Concrete Girde	er						
Element Number	Ele	ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Con	crete 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 of interior bent, exposed strand ends

Spai	າ 2	Wearing Sur	face					
Aspl	halt Wearing Surfa	nce						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
510	Wearing	Surface	1,050	1,006	0	44	0 S	Square Feet
lement lumber	Dofoot Typo	Defect Descri	ption		CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	3ft from left shoulder, longitudinal cra	ick [full length x u	p to 1/8in]	3	38	38	Square Feet
510	Patched Area/Pothole (Wearing Surface)	asphalt over bent 2, one [1] pothole i [1] pothole in right travel lane [18in x deep]			3	6	6	Square Feet
(General Comments							

Spa	n 2	Left Bridge	Rail					
Con	crete and Metal I	Railing						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other E	Bridge Railing	38	33	4	1	0 1	-eet
Elemen Numbe	Dofoot Typo	Defect Descr	ription		cs	CS Qty	Maint Qty	
333	Delamination/Spall	top face at rail post 2, spall/delamindeep]	ation [8in x 8in x up	to 1/4in	3	1	1	Feet
333	Delamination/Spall	along length of rail at steel rail conn to 5in diameter x up to 1in deep]	ections, multiple spa	alls [up	2	4	4	Feet
-	General Comments							

Spar	າ 2	Right Bridg	e Rail					
Con	crete and Metal I	Railing						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other E	Bridge Railing	38	0	38	0	0 F	eet
Element Number	Defect Type	Defect Descri	ription		CS	CS Qty	Maint Qty	
333	Damage	along length of attached metal guar damage with scrapes and tears [up		ıct	2	34	34	Feet
333	Delamination/Spall	along length of rail at steel rail conn to 5in diameter x up to 1in deep]	ections, multiple spa	alls [up	2	4	4	Feet
(Seneral Comments							

Spa	ın 2	Beam 1 Ne	ar Bearing					
Fixe	ed 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
lemen lumbe	Dofoct Typo	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 cor	rosion [no section lo	ss noted]	3	1		1 Square Feet
	General Comments							

Spa Fixe	in 2 ed Bearing	Beam 1 Fa	ar Bearing					
Elei	ment mber Fixed Be	Element Name	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
515		otective Coating	1	0	0	1	-	Square Feet
 Elemen Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section	on loss noted]		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	errosion [no section los	ss noted]	3	1		1 Square Feet

Span	2	Beam 2 Ne	ar Bearing					
Fixed	d Bearing							
Eleme Numb		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 Desc	cription		cs	CS Qty	Maint Qty	
313 (Corrosion	active surface corrosion [no section	n loss noted]		2	1		Each
	Effectiveness (Steel Protective Coatings)	paint failure with active surface cor	rosion [no section los	ss noted]	3	1		1 Square Feet
G	eneral Comments							

Spa	an 2	Beam 2 Far	Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed E	Bearing	1	0	1	0	0	Each
515	Steel P	rotective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Dofoot Typo	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 lo	ss noted]	3	1		1 Square Feet
	General Comments							

Spa	n 2	Beam 4 F	ar Bearing					
Fixe	ed 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 P	rotective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section	on loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	orrosion [no section los	ss noted]	3	1		1 Square Feet
	General Comments							

Span 2		Beam 4 N	lear Bearing					
Fixe	ed Bearing							
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed Be	earing	1	0	1	0	0 6	Each
515	Steel Pr	rotective Coating	1	0	0	1	0 8	Square Feet
Elemen Numbe	Dofoot Typo	Defect De	scription		cs	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no sect	ion loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface of	orrosion [no section los	s noted]	3	1	1	Square Feet

Spa	an 2		ı	Beam 3 Near Bea	ring					
Fix	ed Bearing									
	ement 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	otective Coating		1	0	0	1	0	Square Feet
Eleme Numbe	Dofoot	Туре		Defect Description			cs	CS Qty	Maint Qty	
313	Corrosion		active surface corrosi	on [no section loss not	ed]		2	1		Each
515	Effectiveness Protective Co		paint failure with activ	ve surface corrosion [no	o section lo	ss noted]	3	1		1 Square Feet
	General Com	ments								

Spa	n 2	Beam 3 Far	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 Pr	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section le	oss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface corro	sion [no section los	ss noted]	3	1		1 Square Feet
	General Comments							

Spa	an 3	Deck						
Rei	nforced Concrete	Deck						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	1,257	1,256	0	1	0	Square Feet
Elemei Numbe	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
12	Delamination/Spall	at right overhang over bent 3, spa deep] with one [1] exposed rusted 1/16in]			3	1		1 Square Feet
12	Cracking (RC and Other)	throughout underside of deck, mu longitudinal cracks [up to full bay hairline map cracking			1	650		Square Feet
	General Comments							

Span 3		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 Coation	ng	0	0	0	0	0	Square Feet
lement umber	Defect Type	Defect Description	on		cs	CS Qty	Maint Qty	

General Comments

at beam ends of interior bent, exposed strand ends

North face at lower edge of diaphragm between beams 1 and 2 at near end, spall [24in x 6in x up to 3in deep] with one [1] exposed rusted reinforcing [section loss up to 1/16in]

Span 3		Beam 2						
Prestre	ssed Concrete Gird	ler						
Element Number		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 Descripti	on		cs	CS Qty	Maint Qty	

General Comments

at beam ends of interior bent, exposed strand ends

Span 3		Beam 3					
Prestres	ssed Concrete Gird	er					
Element Number	E	lement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
109	Prestressed Co	ncrete Open Girder/Beam	38	38	0	0	0 Feet
lement lumber	Defect Type	Defect Descript	tion		cs	CS Qty	Maint Qty

General Comments

at beam ends of interior bent, exposed strand ends

Span 3		Beam 4						
Prestre	ssed Concrete Girde	er						
Element Number		ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Cor	ncrete Open Girder/Beam	38	38	0	0	0 Feet	
lement Number	Defect Type	Defect Descript	ion		cs	CS Qty	Maint Qty	

General Comments

at beam ends of interior bent, exposed strand ends

	Wearin	g Surface					
Wearing Sur	face						
	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Wearin	g Surface	1,050	1,012	0	38	0 S	quare Feet
Defect Type	Defect	Description		cs	CS Qty	Maint Qty	
(Wearing ce)	3ft from left shoulder, longitud	inal crack [full length x u	p to 1/8in]	3	38	38	Square Feet
	Wearing Defect Type (Wearing	Wearing Surface Element Name Wearing Surface Defect Type C (Wearing 3ft from left shoulder, longitud)	Element Name Wearing Surface Defect Type Wearing 3ft from left shoulder, longitudinal crack [full length x u	Wearing Surface Element Name Wearing Surface Defect Description (Wearing 3ft from left shoulder, longitudinal crack [full length x up to 1/8in]	Wearing Surface Element Name Wearing Surface Defect Type Defect Description CS (Wearing 3ft from left shoulder, longitudinal crack [full length x up to 1/8in] 3	Wearing Surface Element Name Total CS1 CS2 CS3 Qty Qty Qty Qty Qty Wearing Surface 1,050 1,012 0 38 Defect Type Defect Description CS CS Qty (Wearing 3ft from left shoulder, longitudinal crack [full length x up to 1/8in] 3 38	Wearing Surface Flement Name Total CS1 CS2 CS3 CS4 CS4 CS5 CS4 CS5 CS4 CS5 CS5

Spa	an 3	Left Bridge	Rail					
Coi	ncrete and Metal F	Railing						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other E	Bridge Railing	38	33	3	2	0 F	eet
Elemei	Dofoot Typo	Defect Desc	ription		cs	CS Qty	Maint Qty	
333	Delamination/Spall	West face at rail post 3, unsound p	atch [14in x 5in]		3	2	2	Feet
333	Delamination/Spall	along length of rail at steel rail cont to 5in diameter x up to 1in deep]	nections, multiple spa	alls [up	2	3	3	Feet
	General Comments							

Con	crete and Metal F	Railing						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other E	Bridge Railing	38	0	38	0	0 F	eet
Elemen Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
333	Damage	along length of attached metal guadamage with scrapes and tears [u		act	2	35	35	Feet
333	Delamination/Spall	along length of rail at steel rail con to 5in diameter x up to 1in deep]	nnections, multiple spa	alls [up	2	3	3	Feet

Spa	an 3		Beam 2 Near B	earing					
Fix	ed Bearing								
	ement mber	Element Na	me	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fi	xed Bearing		1	0	1	0	0	Each
515	Si	teel Protective Coating		1	0	0	1	0	Square Feet
Eleme	Dofoct Tv	pe	Defect Descriptio	n		cs	CS Qty	Maint Qty	
313	Corrosion	active surface of	orrosion [no section loss	noted]		2	1		Each
515	Effectiveness (S Protective Coati	•	active surface corrosion	[no section los	ss noted]	3	1		1 Square Feet
	General Comme	ents							

Spar Fixe	n 3 d Bearing	Beam 2 Fa	r Bearing					
Elem 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	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section	n loss noted]		2	1	-	Each
	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	rrosion [no section loss	noted]	3	1		1 Square Feet

Spa	ın 3	Beam 1 Ne	ar Bearing					
Fixe	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 I	Protective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct 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 lo	ss noted]	3	1		1 Square Feet
•	General Comments							

Spa	an 3	Beam 1 Far	Bearing					
Fix	ed Bearing							
	ement 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
Eleme Numbe	Dofoct Typo	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	•	osion [no section los	ss noted]	3	1		1 Square Feet
	General Comments							

Spa	an 3	Beam 3 F	ar Bearing					
Fix	ed Bearing							
	ement 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 P	rotective Coating	1	0	0	1	0	Square Feet
Elemei Numbe	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section	on loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	orrosion [no section los	s noted]	3	1		1 Square Feet
	General Comments							

Spar	າ 3	Beam 3 N	lear Bearing					
Fixed	d Bearing							
Elem 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 De	scription		CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no sect	ion loss noted]		2	1		Each
	Effectiveness (Steel Protective Coatings)	paint failure with active surface of	orrosion [no section los	s noted]	3	1		1 Square Feet

General Comments

Spa	an 3		Beam 4 Nea	ar Bearing					
Fix	ed Bearing								
	ement mber		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
Eleme Numb	Dofoot T	уре	Defect Desc	ription		cs	CS Qty	Maint Qty	
313	Corrosion		active surface corrosion [no section	loss noted]		2	1		Each
515	Effectiveness Protective Coa		paint failure with active surface corr	osion [no section los	ss noted]	3	1		1 Square Feet
	General Comm	nents							

Spa	n 3	Beam 4 Fai	· Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 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
Elemer Numbe	Dofoct Typo	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 corn	osion [no section lo	ss noted]	3	1		1 Square Feet
	General Comments							

restres	sed Concrete Girder							
Element Number	Eleme	nt Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Concret	e Open Girder/Beam	38	38	0	0	0	Feet
515	Steel Protective Coa	ting	0	0	0	0	0	Square Feet
ement umber	Defect Type	Defect Descripti	ion		cs	CS Qty	Maint Qty	

General Comments

at beam ends of interior bent, exposed strand ends

Span 4		Beam 2						
Prestres	ssed Concrete Gird	er						
Element Number		lement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Co	ncrete Open Girder/Beam	38	38	0	0	0 Feet	
Element Number	Defect Type	Defect Descripti	ion		cs	CS Qty	Maint Qty	

Span 4		Beam 3						
Prestres	ssed Concrete Gird	ler						
Element Number		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 Descript	ion		cs	CS Qty	Maint Qty	

General Comments

at beam ends of interior bent, exposed strand ends

Span 4		Beam 4						
Prestres	ssed Concrete Gird	er						
Element Number		ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
109	Prestressed Co	ncrete Open Girder/Beam	38	38	0	0	0	Feet
lement umber	Defect Type	Defect Descript	tion		cs	CS Qty	Maint Qty	

General Comments

at beam ends of interior bent, exposed strand ends

Spa Asp	n 4 halt Wearing Su	Wearing Su rface	rface					
	nent nber Wearir	Element Name ng Surface	Total Qty 1,060	CS1 Qty 994	CS2 Qty 0	CS3 Qty 66	CS4 Qty 0 S	Square Feet
Elemen Numbe	Dofoot Tyme	Defect Descr	iption		cs	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	3ft from left shoulder, longitudinal cr	ack [full length x up	to 1/8in]	3	38	38	Square Feet
510	Crack (Wearing Surface)	asphalt over End Bent 2, multiple tra width x up to 1/4in] with edge spallin		to full	3	28	28	Square Feet
	General Comments							

Spa	n 4	Left Bridg	e Rail					
Con	crete and Metal F	Railing						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
333	Other B	ridge Railing	38	34	4	0	0 Feet	
Elemen Numbe	Defeat Type	Defect Des	cription		cs	CS Qty	Maint Qty	
333	Delamination/Spall	along length of rail at steel rail cor to 5in diameter x up to 1in deep]	nections, multiple spa	alls [up	2	4	4 Feet	
	Canaral Cammanta							

							•	
Spa	an 4	Right Bridge	Rail					
Co	ncrete and Metal	Railing						
	ement mber Other E	Element Name Bridge Railing	Total Qty 38	CS1 Qty 0	CS2 Qty 38	CS3 Qty 0	CS4 Qty 0 F	- eet
Eleme	Dofoot Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
333	Damage	along length of attached metal guard damage with scrapes and tears [up to		ct	2	34	34	Feet
333	Delamination/Spall	along length of rail at steel rail conne to 5in diameter x up to 1in deep]	ctions, multiple spa	alls [up	2	4	4	Feet
	General Comments	· · · · · · · · · · · · · · · · · · ·						

Spa	n 4	Beam 1 Nea	ar Bearing					
Fixe	ed Bearing							
	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	Dofoct Typo	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	osion [no section lo	ss noted]	3	1		1 Square Feet
-	General Comments							

Spa	n 4	Beam 1 Fa	r Bearing					
Fixe	ed Bearing							
	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 Desc	ription		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 los	ss noted]	3	1		1 Square Feet
-	General Comments							

Spa	n 4	Beam 2 N	Near 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 Pro	otective Coating	1	0	0	1	0	Square Feet
Elemen Numbe	Dofoct Typo	Defect De	escription		CS	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no sec	tion loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface of	corrosion [no section los	ss noted]	3	1		1 Square Feet

Spa	an 4	Beam 4 Ne	ear Bearing					
Fix	ed Bearing							
	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 P	rotective Coating	1	0	0	1	0	Square Feet
Elemei Numbe	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no sectio	n loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface con	rosion [no section los	ss noted]	3	1		1 Square Feet
	General Comments							

Spa	n 4	Beam 4 Fa	r Bearing					
Fixe	ed Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
313	Fixed B	earing	1	1 0	0 1	0	0	Each
515	Steel Pi	rotective Coating	1	0	0	1	0	Square Feet
Elemer Numbe	Dofoct 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 los	ss noted]	3	1		1 Square Feet
	General Comments							

Spa	an 4	Beam 3 No	ear Bearing					
Fix	ed Bearing							
	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
Elemei Numbe	Dofoct Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
313	Corrosion	active surface corrosion [no section	rrosion [no section loss noted]		2	1		Each
515	Effectiveness (Steel Protective Coatings)	paint failure with active surface co	rrosion [no section los	ss noted]	3	1		1 Square Feet
	General Comments							

Ben	t 1	Pile 1						
Pres	stressed Concret	e Pile						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestre	ssed Concrete Pile	1	0	1	0	0	Each
lemen lumbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
226	Abrasion/Wear (PSC/RC)	at waterline down 18in, minor abra	asion [up to 1/16in de	ep]	2	1		Each
-	General Comments							

Ber	nt 1	Pile 2						
Pre	stressed Concret	e Pile						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestre	ssed Concrete Pile	1	0	1	0	0	Each
Elemer	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
226	Abrasion/Wear (PSC/RC)	at waterline down 18in, minor abra	asion [up to 1/16in dee	ep]	2	1		Each
	General Comments							

Ber	nt 1	Pile 3						
Pre	stressed Concret	e Pile						
Nur	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestre	ssed Concrete Pile	1	0	1	0	0 Each	
Elemer Numbe	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
226	Abrasion/Wear (PSC/RC)	at waterline down 18in, minor abra	asion [up to 1/16in de	ep]	2	1	Each	
	General Comments							

Ben	t 1	Pile 4						
Pres	stressed Concret	e Pile						
Elen Nun	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestre	ssed Concrete Pile	1	0	1	0	0 Each	
Elemen Numbe	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
226	Abrasion/Wear (PSC/RC)	at waterline down 18in, minor abr	asion [up to 1/16in de	ep]	2	1	Each	
-	General Comments							_

Ben	it 2	Pile 1						
Nur	nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226 Elemen	it Defect Time	Defect Des	crintian	0	CS	CS Qty	Maint	Each
Numbe			•	on1		00 Qty	Qty	Гоор
226	Abrasion/Wear (PSC/RC)	at waterline down 18in, minor abra	ision jup to 1/16in de	epj	2	1		Each

Ber	nt 2	Pile 2							
Pre	stressed Concret	e Pile							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
226	Prestre	essed Concrete Pile	1	0	1	0	0	Each	
Eleme	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty		_
226	Abrasion/Wear (PSC/RC)	at waterline down 18in, minor abra	asion [up to 1/16in dee	ep]	2	1		Each	
	General Comments								

Tatal				
Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
1	0	1	0	0 Each
on		cs	CS Qty	Maint Qty
up to 1/16in de	ep]	2	1	Each
	n 1	1 0	1 0 1 on CS	1 0 1 0 on CS CS Qty

Bent	2	Pile 4						
Pres	tressed Concret	e Pile						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestre	ssed Concrete Pile	1	0	1	0	0	Each
Element Number	Dofoot Typo	Defect Des	cription		cs	CS Qty	Maint Qty	
226	Abrasion/Wear (PSC/RC)	at waterline down 18in, minor abra	asion [up to 1/16in de	ep]	2	1		Each
<u>-</u>	Seneral Comments							

Bei	nt 3	Pile 1							
Pre	estressed Concret	e Pile							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
226	Prestre	ssed Concrete Pile	1	0	1	0	0	Each	
Eleme Numb	Dofoct Typo	Defect Des	scription		cs	CS Qty	Maint Qty		
226	Abrasion/Wear (PSC/RC)	at waterline down 18in, minor abr	asion [up to 1/16in dee	ep]	2	1		Each	
	General Comments								

Bent 3		Pile 2						
Prestres	ssed 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 at waterline down 18in, minor abrasion [up to 1/16in deep] 2 1 Each (PSC/RC)

General Comments

Ben	nt 3	Pile 3						
Pre	stressed Concrete	e Pile						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestres	ssed Concrete Pile	1	0	1	0	0 Each	
Elemen Numbe	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
226	Abrasion/Wear (PSC/RC)	at waterline down 18in, minor abr	asion [up to 1/16in de	ep]	2	1	Each	
	General Comments							

Ben	it 3	Pile 4						
Pre	stressed Concret	e Pile						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
226	Prestre	ssed Concrete Pile	1	0	1	0	0 Each	
Elemen Numbe	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty	
226	Abrasion/Wear (PSC/RC)	at waterline down 18in, minor abi	rasion [up to 1/16in dee	ep]	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 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 1	Beam 2 Far 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 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 2	Beam 4 Near 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
•	Beam 3 Far Bearing	Fixed Bearing	Fixed Bearing	

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	1060
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 Far Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 2 Near 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 Near Bearing	Fixed Bearing	Fixed Bearing	1
Span 4	Beam 4 Far 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 Pile	Prestressed Concrete Pile	1
Bent 2	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 2	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
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

General Inspection Notes

	General inspection Notes
Span 1	Beam 2
at beam ends of	interior bent, exposed strand ends
Span 1	Beam 3
at beam ends of	interior bent, exposed strand ends
Span 2	Beam 2
at beam ends of	interior bent, exposed strand ends
Span 2	Beam 3
at beam ends of	interior bent, exposed strand ends
Span 2	Beam 4
at beam ends of	interior bent, exposed strand ends
Span 3	Beam 1
North face at low	interior bent, exposed strand ends ver edge of diaphragm between beams 1 and 2 at near end, spall [24in x 6in x up to 3in deep] with one ed reinforcing [section loss up to 1/16in]
Span 3	Beam 2
at beam ends of	interior bent, exposed strand ends
Span 3	Beam 3
at beam ends of	interior bent, exposed strand ends
Span 3	Beam 4
at beam ends of	interior bent, exposed strand ends
Span 4	Beam 1
at beam ends of	interior bent, exposed strand ends
Span 4	Beam 2
at beam ends of	interior bent, exposed strand ends
Span 4	Beam 3
at beam ends of	interior bent, exposed strand ends
Span 4	Beam 4
at beam ends of	interior bent, exposed strand ends

National Bridge and NC Inspection Items

Structure Number: 770164 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	N
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

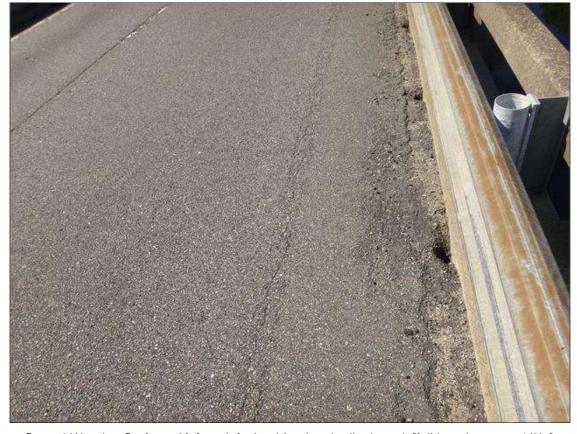
Structure Number: 770164 Inspection Date: 05/01/2018

Item	Other Equipment Used	Grade Y	Maint Code	Qty.	0
Details	Wetsuit, Mask, Fins				
Item	General Comments and Misc Items	Grade	Maint Code	Qty.	0

Details North approach asphalt: throughout North approach asphalt, multiple transverse cracks [up to full width x up to 1/4in] South approach asphalt: throughout South approach asphalt, multiple transverse cracks [up to full width x up to 1/4in] with adjacent map cracking [up to 1/8in]



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



Span 4 Wearing Surface: 3ft from left shoulder, longitudinal crack [full length x up to 1/8in]



Span 3 Left Bridge Rail: West face at rail post 3, unsound patch [14in x 5in]



Span 2 Wearing Surface: asphalt over bent 2, one [1] pothole in left travel lane and one [1] pothole in right travel lane [18in x up to 12in x up to 2-1/2in deep]



Span 2 Left Bridge Rail: top face at rail post 2, spall/delamination [8in x 8in x up to 1/4in deep]



Span 1 Wearing Surface: centerline near midspan, pothole [11in x 5in x up to 2in deep]



Span 1 Right Bridge Rail: along length of attached metal guardrail, vehicular impact damage with scrapes and tears [up to 12in x up to 3in]



Exposed prestressing ends [similar at all beams at interior bents]



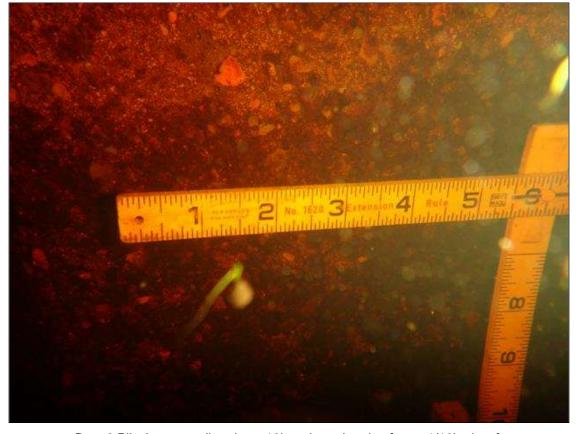
Bent 3 Pile 2: at waterline down 18in, minor abrasion [up to 1/16in deep]



Span 3 Deck: at right overhang over bent 3, spall [10in x 4in x up to 1-1/2in deep] with one [1] exposed rusted reinforcing [section loss up to 1/16in]



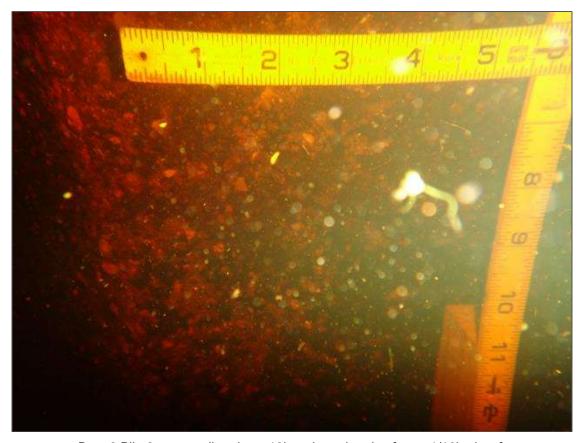
Span 3 Beam 1: North face at lower edge of diaphragm between beams 1 and 2 at near end, spall [24in x 6in x up to 3in deep] with one [1] exposed rusted reinforcing [section loss up to 1/16in]



Bent 2 Pile 2: at waterline down 18in, minor abrasion [up to 1/16in deep]



Bent 2 Pile 2: at waterline down 18in, minor abrasion [up to 1/16in deep]



Bent 2 Pile 2: at waterline down 18in, minor abrasion [up to 1/16in deep]



Span 2 Deck: at right overhange over bent 1, spall/delamination [20in x 10in x up to 3in deep] with three [3] exposed rusted reinforcing [section loss < 1/16in]



Span 1 Beam 1: at far end 1ft from bent 1, sound patch [4in diameter]



Bent 1 Cap 1: West face of cap, one [1] vertical crack [full height x hairline]



Span 1 Deck: left overhang at bent 1, efflorescence buildup

Structure: 770164 County: ROBESON Date: 05/01/2018 Condition Photos



Span 4 Left Bridge Rail: along length of rail at steel rail connections, multiple spalls [up to 5in diameter x up to 1in deep]



Span 4 Beam 1 Far Bearing: active surface corrosion [no section loss noted]



South approach looking South



Southwest guardrail and end treatment



Southeast guardrail and end treatment



typical guardrail post transition spacing



South approach asphalt



asphalt over end bent 1



left bridge rail



right bridge rail



Southeast wingwall



Southwest wingwall



joint over bent 1



joint over bent 2



typical wearing surface



joint over bent 3



asphalt over end bent 2



North approach asphalt



Northwest guardrail and end treatment



Northeast guardrail and end treatment



guardrail at Northeast corner [not connected to bridge rail]



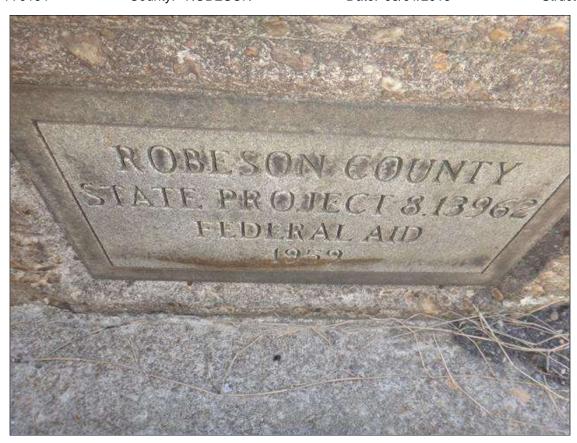
typical guardrail connection to concrete bridge rail



North approach looking South



North approach looking North



bridge plaque at Southeast corner



Northeast wingwall



typical end bearing



end bent 2 and slope protection



bent 3



typical end diaphragm



typical interior diaphragm



typical underside of deck



typical superstructure framing



bent 2



bent 1



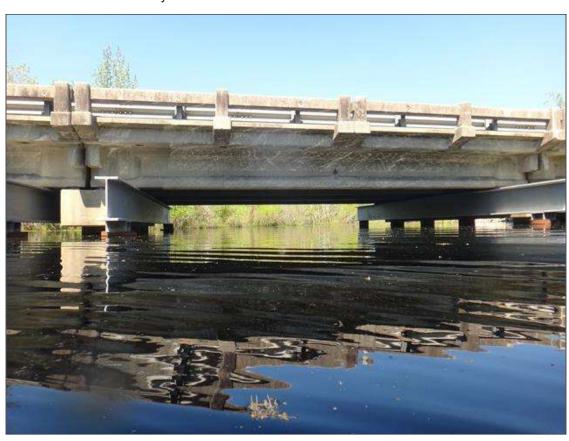
typical beam over interior bent



end bent 1 and slope protection



typical interior bearing



looking upstream [West] from under bridge



looking downstream [East] from under bridge



typical deck drain



typical end bearing



typical metal rail to concrete rail connection



West profile looking East



East profile looking West



South approach looking North

Stream Bed Soundings (Profile diagram on following sheet)

County ROBESON Structure Number: 770164 Inspection Date 05/01/2018

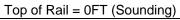
Sounding recorded from: Top of Bridge Rail

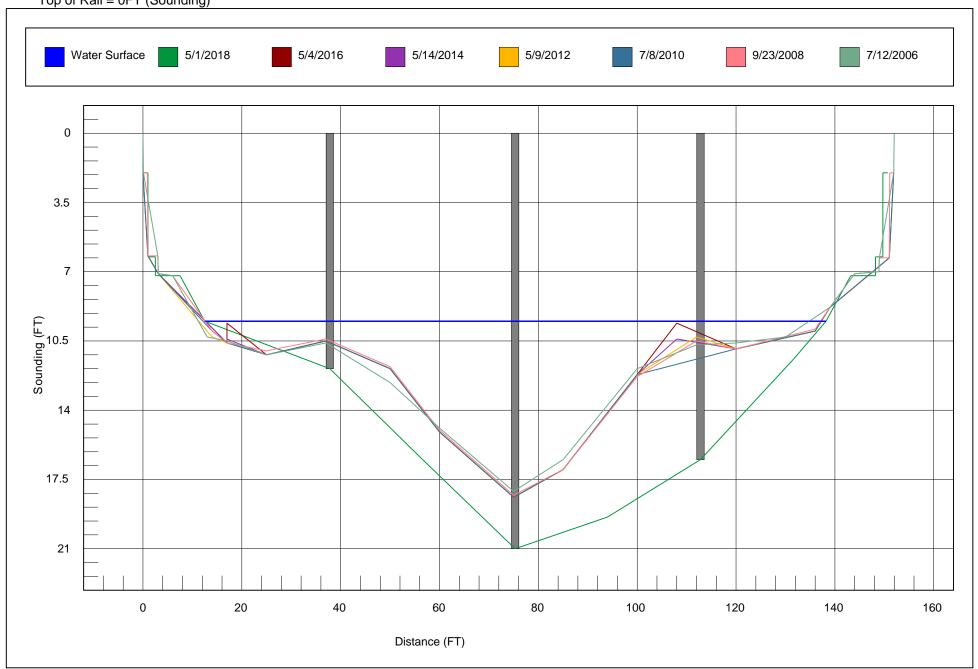
Highwater Mark Distance Location of Highwater Mark

	T		
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	6.250	0.000	cap at backwall
2.500	6.250	0.000	face of cap
2.510	7.200	0.000	top of slope protection
7.500	7.200	0.000	face of slope protection
12.500	9.500	0.000	wswe
37.800	11.900	10.800	bent 1
56.600	16.500	0.000	streambed
75.300	21.000	20.600	bent 2
94.000	19.400	0.000	streambed
112.800	16.500	19.400	bent 3
131.700	11.400	0.000	streambed
138.200	9.500	0.000	wswe
143.200	7.200	0.000	face of slope protection
148.200	7.200	0.000	top of slope protection
148.210	6.250	0.000	face of cap
149.700	6.250	0.000	cap at backwall
149.710	2.000	0.000	face of backwall
150.700	2.000	0.000	fill face

Bridge: 770164 County: ROBESON Date: 05/01/2018

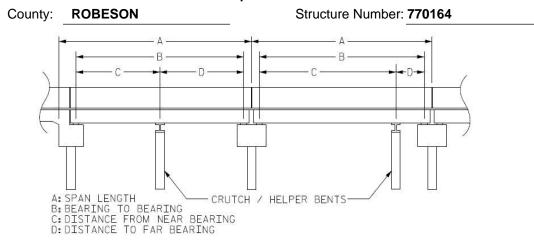
STREAMBED PROFILE (Downstream)





Structure Data Worksheet

Span Profile



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	37.833	35.917			
2	37.500	36.417			
3	37.500	36.417			
4	37.833	35.917			

NATIONAL BRIDGE INVENTORY------ STRUCTURE INVENTORY AND APPRAISAL Run Date: 07/05/2018

IDENTIFICATION —			
(1) STATE NAME -NORTH CAROLINA BRIDGE	770164	SUFFICIENCY RATING =	50.44
(8) STRUCTURE NUMBER(FEDERAL) 000	0000001550164	STATUS = Functionally Obsolete	
(5) INVENTORY ROUTE (ON/UNDER) - ON	11000950		
(2) STATE HIGHWAY DEPARTMENT DISTRICT	1		CODE
(3) COUNTY CODE 155 (4) PLACE CODE	0	(112)NBIS BRIDGE SYSTEM -	YES
(6) FEATURE INTERSECTED - LITTLE MARSH SWAMP		(104)HIGHWAY SYSTEM Is on the NHS	1
(7) FACILITY CARRIED 195 NBL		(26) FUNCTIONAL CLASS - Arterial - Interstate	01
(9) LOCATION 0.8 MI.N. OF JCT.SR1726		(100)STRAHNET HIGHWAY - Interstate STRAHNET Route	1
(11)MILEPOINT	34.9	(101)PARALLEL STRUCTURE - Right Parallel Structure	R
(16)LAT 34° 51' 31.15" (17)LONG 78° 57' 5	6.15"	(102)DIRECTION OF TRAFFIC - 1-way Traffic	1
(98)BORDER BRIDGE STATE CODE PCT SHA	ARE	(103)TEMPORARY STRUCTURE -	
(99)BORDER BRIDGE STRUCTURE NO		(110)DESIGNATED NATIONAL NETWORK - On the National Network	1
		(20) TOLL On Free Road	3
STRUCTURE TYPE AND MATERIAL —		(31) MAINTAIN - State Highway Agency	01
(43) STRUCTURE TYPE MAIN: Prestressed Concrete		(22) OWNER - State Highway Agency	01
TYPE - Stringer Mutlibeam or Girder	CODE 502	(37) HISTORICAL SIGNIFICANCE - Not Eligible	5
(44) STRUCTURE TYPE APPR :		(, , , , , , , , , , , , , , , , , , ,	
TYPE -	CODE 000	— CONDITION —	CODE
(45) NUMBER OF SPANS IN MAIN UNIT	4	(58) DECK	7
(46) NUMBER OF APPROACH SPANS	·	(59) SUPERSTRUCTURE	
(107)DECK STRUCTURE TYPE - 1	CODE	(60) SUBSTRUCTURE	7
(108)WEARING SURFACE / PROTECTIVE SYSTEM :	CODE	(61) CHANNEL & CHANNEL PROTECTION	7
(A) TYPE OF WEARING SURFACE -	CODE	(62) CULVERTS	,
(B) TYPE OF MEMBRANE -	CODE	•	
(C) TYPE OF MEMBICANE (C) TYPE OF DECK PROTECTION -	CODE	LOAD RATING AND POSTING —	
(C) THE OF DECK PROTECTION -	CODE	(31) DESIGN LOAD HS 20 + MOD	6
ACE AND SERVICE		(63) OPERATING RATING METHOD - Field Evaluation and Document	0
AGE AND SERVICE (27) YEAR BUILT	1959	(64) OPERATING RATING - HS-21	37
	1939	(65) INVENTORY RATING METHOD - Field Evaluation and Document	0
(106)YEAR RECONSTRUCTED		(66) INVENTORY RATING - HS-12	22
(42) TYPE OF SERVICE : ON - Highway	0005 45	(70) BRIDGE POSTING - No Posting Required	5
UNDER - Waterway	CODE 15	(41) STRUCTURE OPEN, POSTED ,OR CLOSED	Α
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE	0	DESCRIPTION - Open, No Restriction	0005
(29) AVERAGE DAILY TRAFFIC	19500		CODE
(30) YEAR OF ADT 2013 (109) TRUCK ADT PCT	23%	(67) STRUCTURAL EVALUATION	5
(19) BYPASS OR DETOUR LENGTH	16 MI	(68) DECK GEOMETRY	2
GEOMETRIC DATA		(69) UNDERCLEARANCES, VERTI & HORIZ	N
(48) LENGTH OF MAXIMUM SPAN	36 FT	(71) WATERWAY ADEQUACY	7
(49) STRUCTURE LENGTH	151 FT	(72) APPROACH ROADWAY ALIGNMENT	8
(50)CURB OR SIDEWALK: LEFT 0 FT RIGHT	0 FT	(36) TRAFFIC SAFETY FEATURES	1111
(51) BRIDGE ROADWAY WIDTH CURB TO CURB	28 FT	(113)SCOUR CRITICAL BRIDGES	8
(52) DECK WIDTH OUT TO OUT	31.5 FT	PROPOSED IMPROVEMENTS	
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)	31 FT	(75) TYPE OF WORK - CODE	
(33) BRIDGE MEDIAN - No Median	CODE 1	(76) LENGTH OF STRUCTURE IMPROVEMENT	
(34) SKEW 0° (35) STRUCTURE FLARED	0	(94) BRIDGE IMPROVEMENT COST	
(10) INVENTORY ROUTE MIN VERT CLEAR	999.9 FT	(95) ROADWAY IMPROVEMENT COST	
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	28 FT	(96) TOTAL PROJECT COST	
(53) MIN VERT CLEAR OVER BRIDGE RDWY	999.9 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE	
(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad	0 FT	(114)FUTURE ADT 39000 (115) YEAR FUTURE ADT	2025
(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad	000 FT		
(56) MIN LAT UNDERCLEAR LT REF -	000 FT	INSPECTIONS	
MANIOATION DATA		(90) INSPECTION DATE 0	5/01/2018
NAVIGATION CONTROL No Novigational Control	CODE ^	(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE	
(38) NAVIGATION CONTROL - No Navigational Control	CODE 0	A) FRACTURE CRIT DETAIL - NO A)	
(111)PIER PROTECTION -	CODE	B) UNDERWATER INSP - YES 48Mo B) 02	2/16/2015
(39) NAVIGATION VERTICAL CLEARANCE	0	C) OTHER SPECIAL INSP NO C)	
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR	FT	SCOUR	
(40) NAVIGATION HORIZONTAL CLEARANCE	0 FT		

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE Run Date: 07/05/2018

COUNTY: DIVISION: DISTRICT: STRUCTURE NUMBER: LENGTH:

ROBESON 6 1 770164 151 FEET

ROUTE CARRIED : FEATURE INTERSECTED :

195 NBL LITTLE MARSH SWAMP

LOCATED : BRIDGE NAME :

0.8 MI.N. OF JCT.SR1726 CITY:

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

01 FA NFA 19500 2013 LT 333 RT 333

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

1959 SHC 8.13962 HS 20 + MOD

REHAB: BY: PROJ: ALIGNMENT: SKEW: LANES:

TAN. 90 ON 2 UNDER 0

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

VC 0 FT HC 0 FT 19 FT 12 FT

SUPERSTRUCTURE: RC FLOOR/PPC GIRDERS

SUBSTRUCTURE: E.BTS&INT.BTS:PPC CAP/PPC PILES

SPANS: 1@37'10;2@37'6;1@37'10

BEAMS OR GIRDERS: 4 LINES 36" PPC GIRDERS @ 8' CTS.

FLOOR: ENCROACHMENT: DECK (OUT TO OUT):

7.25" RC/3" 31.5 FT

AWS

CLEAR ROADWAY: BETWEEN RAILS: SIDEWALK OR CURB:

28 FT 28 FT LT 0 FT RT 0 FT

VERT.CL.OVER : 999.9 FT

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

HS-12 HS-21 SV TTST DATE 01/01/0001

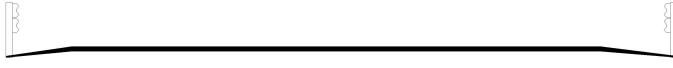
SYSTEM: GREEN LINE ROUTE:

Primary Interstate Y

UNDER ROUTES AND CLEARANCES

REMARKS:

Bridge Inspection Field Sketch



(I-95 N.B.L.) (M.P. 34.9)

Roadway	24ft Wide	2 Paved Lanes	Looking North
Left Shoulder	3ft Wide	3ft Paved	
Right Shoulder	3.5ft Wide	3.5ft Paved	
Left Guardrail	3ft from road		
Right Guardrail	3.5ft from road		

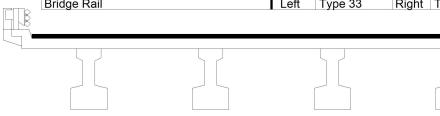
Measurements Taken at South Approach Rail Post 3

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

Title			Description				
Approach Roadway Sketch			Data Worksheet				
Bridge No:	770164	Drawn By: RLK		Date:	5/14/2014	File Name:	S0254000016

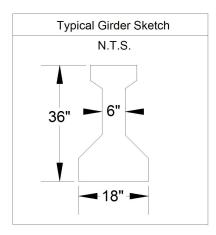
Bridge Inspection Field Sketch

Deck Width/Out to Out 31.5ft*			Between Rails				
Clear Roadway	28ft	Wearir	ng Surface			0.25ft	
Median Width		Mediar	Median Height				
Curb Height	Curb Height			Right	0.58	33ft	
Sidewalk Width		Left		Right			
Clear Roadway (Rail to Median))	Left		Right			
Guardrail Width	Left	2.25ft	Right	2.2	5ft		
Top of Rail to Deck/Wearing Su	Left	1.75ft	Right	2.33	33ft		
Bridge Rail	Left	Type 33	Right	Тур	e 33		



Measurements for Span #	1		
Deck Thickness	0.604ft	Left Overhang	3.75ft
Top of Rail to Bottom of Beam	6.104ft	Right Overhang	3.75ft

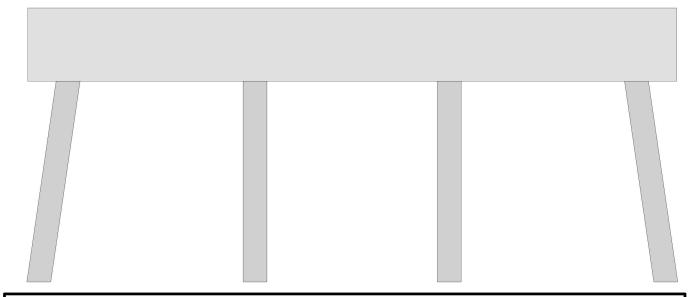
Beam Number	Beam Type	Spacing	Comments
1	PPC Girder	8.0ft	
2	PPC Girder	8.0ft	
3	PPC Girder	8.0ft	
4	PPC Girder		



Measurement Revised: J. Talacek 05/01/2018

Title			Description				
Typical Section Sketch			Data Worksheet				
Bridge No: 770164	Drawn By: RLK		Date:	5/14/2014	File Name:	S0254000017	

Bridge Inspection Field Sketch



Cap Information Material Cast-in-Place Concrete													
Lengt	th	Width	Height	Left Over	hang	Right Overh	nang	Left Be	eam to Er	nd of Cap.	p. Right Beam to End o		d of Cap.
28 ft.		3 ft.	2.5 ft.	2.000	ft.	2.000 ft.		2 f	t.		2	! ft.	
Subca	p In	formation		Material									
Lengt	th	Width	Height	Left Over	hang	Right Overh	nang	Left Pi	ile to Spli	ce.			
Sill Info	Sill Information Material												
Lengt	th	Width	Height										
Pile#	М	aterial	Spacing	Width/Dia.	Height	Length	Orie	entation	Driven?	Replacem	nent?	Removed?	Collar?
1	C	oncrete	8 ft.	1.833 ft.			Batt	ered	No	No		No	No
2	C	oncrete	8 ft.	1.833 ft.			Verl	tical	No	No		No	No
3	C	oncrete	8 ft.	1.833 ft.			Vertical		No	No		No	No
4	C	oncrete		1.833 ft.		Battered No No No No				No			
Bent #: 1 Similar Bents: 2, 3													

Measurements Verified: J. Talacek 05/01/2018

Title		Descri	ption				
Typical Bent Sketch			Data Worksheet				
Bridge No: 770164	Drawn By: RJH		Date: 07/12/2006	File Name: \$0254000018			

