

ATTENTION: UPDATED NBL CLEARANCE SKETCH, SBL CLEARANCE SKETCH AND SUBSTRUCTURE

SKETCH

Structure Safety Report

Routine Element Inspection - Contract

INSPECTION DATE: 05/09/2019

		INOI E	JIION DA	03/03/201					
DIVISION: 6	COUNTY: ROB	ESON	STRUCT	URE NUMBER:	770152	FRE	QUENCY:	24 MONT	HS
FACILITY CARRIED	: SR1758					MILE POST:			
LOCATION: 0.7 MI.	W.JCT.SR1759								
FEATURE INTERSE	CTED: 195								
LATITUDE: 34° 46	6' 12.12"	LONG	GITUDE:	78° 59' 45.87"					
SUPERSTRUCTURE	E: RC FLOOR C	ON I-BEAMS							
SUBSTRUCTURE:	E.BTS&INT.BTS:	RC CAP/PPC PILES	@ 7'CTS.						
SPANS: 5 SPAN	S. SEE SPAN PF	ROFILE SHEET FOR	SPAN DE	TAILS					
FRACTURE CR	RITICAL TE	EMPORARY SHORIN	G 🔲	SCOUR CRITIC	CAL	SCOUR	PLAN OF	ACTION	
NBI GRADES:	DECK 8	SUPERSTRUCTURE	6	SUBSTRUCTU	RE 6	CULVER	T N		
POSTED SV: Not	Posted			POSTED TTS1	Γ: Not Pos	sted			
OTHER SIGNS PRE	SENT: 3 DELINI	EATORS				Sign notice	d		Number
						issued for			Required
						NO	WEIGH	IT LIMIT	0
	_					NO	DELINE	EATORS	0
					The X	NO	NARROW	/ BRIDGE	
	Manua.	SHIP WAS A STATE OF THE STATE O				NO	ONE LAN	E BRIDGE	0
			Albju.			NO	LOW CLE	ARANCE	0
						INSF DIR	CTION OF PECTION ECTION IES PLANS	W-E	PLANS
COVER PHOTO L	OOKING EAST								
INSPECTED BY John T. Eubanks		SIGNATURE	John	T. Eulan	Ho_	ASSISTED BY	Felton W	. Berger	

Structure Element Scoring

Structure Number: 770152 Inspection Date 5/9/2019

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
12	О	Reinforced Concrete Deck	Deck	10428	10424	О	4	0
107	0	Steel Open Girder/Beam	Beam	1324	0	1324	0	0
515	107	Steel Protective Coating	Beam	13200	9720	3480	0	0
215	0	Reinforced Concrete Abutment	Abutments	80	75	1	4	0
225	0	Steel Pile	Piles and Columns	10	10	0	0	0
226	0	Prestressed Concrete Pile	Piles and Columns	24	24	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	240	240	0	0	0
301	0	Pourable Joint Seal	Expansion Joints	31	31	0	0	0
302	0	Compression Joint Seal	Expansion Joints	124	124	0	0	0
316	0	Other Bearings	Bearing Device	40	0	40	0	0
515	316	Steel Protective Coating	Bearing Device	80	0	0	80	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	664	661	3	0	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 770152 Inspection Date: 05/09/2019

MMS Code	Element Name	Defect Name	Recommended Quantity
3326	Reinforced Concrete Deck	Delamination/Spall	3 Square Feet
3350	Reinforced Concrete Abutment	Delamination/Spall	3 Feet
3318	Reinforced Concrete Bridge Railing	Delamination/Spall	3 Feet
3342	Steel Protective Coating	Peeling/Bubbling/Cracking (steel Protective Coatings)	3480 Square Feet
3342	Steel Protective Coating	Effectiveness (Steel Protective Coatings)	80 Square Feet

Element Structure Maintenance Quantities

Structure Number: 770152 Inspection Date 05/09/2019

Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	3	80	0	4	1	75
Beam	3314	Maintenance Steel Superstructure Components	0	1324	О	О	1324	0
Beam	3342	Clean and Paint Steel	3480	13200	0	0	3480	9720
Bearing Device	3334	Bridge Bearing	0	40	0	0	40	0
Bearing Device	3342	Clean and Paint Steel	80	80	0	80	О	0
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	3	664	0	0	3	661
Caps	3348	Maintenance of Concrete Substructure	0	240	0	0	0	240
Deck	3326	Maintenance of Concrete Deck	3	10428	0	4	О	10424
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	155	0	0	О	155
Piles and Columns	3348	Maintenance of Concrete Substructure	0	24	0	0	0	24
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	10	0	0	0	10
		1						

Element Condition and Maintenance Data

Structure Number: 770152 Inspection Date: 05/09/2019

laotaio	77010 <u>2</u>						opeonen Bate: <u>90/00/2010</u>
Spa	an 1	Deck					
Rei	nforced Concrete	Deck					
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
12	Reinfor	ced Concrete Deck	2,001	2,000	0	1	0 Square Feet
Elemer Numbe	Dofoot Typo	Defect Des	scription		cs	CS Qty	Maint Qty
12	Delamination/Spall	BEAM 1 EXTERIOR END DIAPH WIDE X 4" DEEP WITH 3" EXPO		GH X 6"	3	1	1 Square Feet
	Canaral Cammanta						

General Comments

5

Spa	ın 1	Beam 1						
Plat	te Girder							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam	63	0	63	0	0 Fe	eet
515	Steel Pro	otective Coating	630	480	150	0	0 Sc	quare Feet
Elemen Numbe	Defect Type	Defect De	scription		cs	CS Qty	Maint Qty	
107	Corrosion	PAINT PEELING WITH SURFAC	CE RUST , NO SECTION	NC	2	63		Feet
515	Peeling/Bubbling/Cracing (steel Protective Coatings)	k PAINT PEELING WITH SURFAC WEBS	CE RUST ON FLANGE	S AND	2	150	150	Square Feet
	General Comments							

Spar	า 1	Beam 2						
Plate	e Girder							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Ope	en Girder/Beam	63	0	63	0	0 F	eet
515	Steel Pro	tective Coating	630	480	150	0	0 8	Square Feet
Element Number	Dofoct Typo	Defect De	scription		cs	CS Qty	Maint Qty	
107	Corrosion	PAINT PEELING WITH SURFAC	CE RUST , NO SECTION	ON	2	63		Feet
	Peeling/Bubbling/Cracking (steel Protective Coatings)	PAINT PEELING WITH SURFACE WEBS	CE RUST IN FLANGES	S AND	2	150	150	Square Feet

General Comments

SPALL MEASURING 8" IN DIAMETER BY 1" DEEP LOCATED IN THE CONCRETE BUILD UP IN SPAN 1 BAY 2 OVER BENT 1.

Element		Total	CS1	CS2	CS3	CS4	
Number	Element Name	Qty	Qty	Qty	Qty	Qty	
107	Steel Open Girder/Beam	63	0	63	0	0	Feet
515	Steel Protective Coating	630	480	150	0	0	Square Feet

Inspection Date: 05/09/2019 Structure Number: 770152 PAINT PEELING WITH SURFACE RUST, NO SECTION 2 107 Corrosion 63 Feet LOSS Peeling/Bubbling/Crack PAINT PEELING WITH SURFACE RUST 2 515 150 150 Square Feet ing (steel Protective Coatings)

Span 1 Beam 4 **Plate Girder** Element CS1 CS2 CS3 CS4 Total Number **Element Name** Qty Qty Qty Qty Qty 107 Steel Open Girder/Beam 63 0 63 0 0 Feet 515 Steel Protective Coating 630 480 150 0 0 Square Feet **Element** Maint **Defect Type Defect Description** CS CS Qty Number Qty PAINT PEELING WITH SURFACE RUST, NO SECTION 2 107 Corrosion 63 Feet Peeling/Bubbling/Crack PAINT PEELING WITH SURFACE RUST IN FLANGES AND 515 2 150 150 Square Feet

General Comments

Coatings)

ing (steel Protective

WEBS

General Comments

Spa	ın 1	Near Beari	ng					
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	2	0	0	2	0	Square Feet
Elemer Numbe	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	SURFACE RUST WITH NO SECT	TON LOSS		2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
	General Comments							

า 1	Far Bearing						
er Bearing							
nent iber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty		
Other Bo	earings	1	0	1	0	0	Each
Steel Pr	otective Coating	2	0	0	2	0	Square Feet
Defect Type	Defect Description			cs	CS Qty	Maint Qty	
Corrosion	RUST WITH NO SECTION LOSS			2	1	•	Each
Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
	er Bearing nent ber Other Be Steel Pr Defect Type Corrosion Effectiveness (Steel	Per Bearing Tent ber Element Name Other Bearings Steel Protective Coating Defect Type Defect Description Corrosion RUST WITH NO SECTION LOSS Effectiveness (Steel COATING NOT EFFECTIVE	Per Bearing Total ber Element Name Other Bearings 1 Steel Protective Coating 2 Defect Type Defect Description Corrosion RUST WITH NO SECTION LOSS Effectiveness (Steel COATING NOT EFFECTIVE	rer Bearing Total CS1 ber Element Name Qty Qty Other Bearings 1 0 Steel Protective Coating 2 0 Defect Type Defect Description Corrosion RUST WITH NO SECTION LOSS Effectiveness (Steel COATING NOT EFFECTIVE	Page 2 Page 3 P	Total CS1 CS2 CS3 CS3 CS4 CS4 CS4 CS4 CS5 CS	Total CS1 CS2 CS3 CS4

Spa	an 1	Near Bearing						
Oth	ner Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	searings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	0	0	2	0	Square Feet
Eleme	Dofoot Typo	Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2	:	2 Square Feet
	General Comments							

Spa	n 1 er Bearing	Far Bearing						
	nent	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pro	otective Coating	2	0	0	2	0	Square Feet
Elemen Number	Dofoot Typo	Defect Descripti	ion		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
-	General Comments							

Spa	an 1	Near Bearing						
Oth	ner Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	searings	1	0	1	0	0 1	Each
515	Steel P	rotective Coating	2	0	0	2	0 \$	Square Feet
Eleme Numb	Dofoot Typo	Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2	2	Square Feet
	General Comments							

Spa Othe	n 1 er Bearing	Far Bearing					
Elen Nun 316		Element Name earings	Total Qty 1	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty 0 Each
515	Steel Pr	otective Coating	2	0	0	2	0 Square Feet
Elemen	Dofoot Typo	Defect Descriptio	n		cs	CS Qty	Maint Qty
316	Corrosion	RUST WITH NO SECTION LOSS			2	1	Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2	2 Square Feet

General Comments

Spa	an 1	Near Bearing						
Oth	ner Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other E	Bearings	1	0	1	0	0	Each
515	Steel P	rotective Coating	2	0	0	2	0	Square Feet
Eleme	Dofoot Typo	Defect Description	on		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
	General Comments							

Spai Othe	n 1 er Bearing	Far Bearing						
Elen Num 316		Element Name earings	Total Qty 1	CS1 Qty 0	CS2 Qty	CS3 Qty 0	CS4 Qty	
515	Steel Pr	otective Coating	2	0	0	2	0	Square Feet
Element Number	Defect Type	Defect Descriptio	on		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet

Span 2		Deck						
Reinford	ced Concrete Deck							
Element Number	Elem	ent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concre	te Deck	2,142	2,142	0	0	0	Square Feet
lement lumber	Defect Type	Defect Descripti	ion		cs	CS Qty	Maint Qty	

General Comments

Spar	n 2	Beam 1						
Plate	e Girder							
Elem Num	ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel O	pen Girder/Beam	67	0	67	0	0	Feet
515	Steel P	rotective Coating	680	500	180	0	0	Square Feet
Element Number	Defeat Type	Defect	Description		CS	CS Qty	Maint Qty	
107	Corrosion	PAINT PEELING WITH SURF	ACE RUST		2	67		Feet
	Peeling/Bubbling/Cracing (steel Protective	ck PAINT PEELING WITH SURF WEBS	FACE RUST ON FLANGE	S AND	2	180	18	0 Square Feet

Structure Number: 770152 Inspection Date: <u>05/09/2019</u>

Coatings)

General Comments

Spa	n 2			Beam 2						
Plat	e Girder									
	ment mber		Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107		Steel Op	en Girder/Beam		67	0	67	0	0 1	Feet
515		Steel Pro	tective Coating		680	500	180	0	0 \$	Square Feet
Elemer Numbe	Dofoct	Туре		Defect Descript	ion		cs	CS Qty	Maint Qty	
107	Corrosion		PAINT PEELING W WEBS	/ITH SURFACE RU	ST ON FLANGE	S AND	2	67		Feet
515	Peeling/Bubb ing (steel Pro Coatings)		REBS	/ITH SURFACE RU	ST ON FLANGE	S AND	2	180	180	Square Feet
	General Com	ments								

•			
6			

2	Beam :	3					
Girder							
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Op	en Girder/Beam	67	0	67	0	0 F	eet
Steel Pro	otective Coating	680	500	180	0	0 8	Square Feet
Defect Type	Defect	Description		cs	CS Qty	Maint Qty	
Corrosion	PAINT PEELING WITH SURI WEBS	FACE RUST ON FLANGE	S AND	2	67	-	Feet
Peeling/Bubbling/Cracing (steel Protective Coatings)	k PAINT PEELING WITH SURI WEBS	FACE RUST ON FLANGE	S AND	2	180	180	Square Fee
	Girder ent ber Steel Op Steel Pro Defect Type Corrosion Peeling/Bubbling/Crace ing (steel Protective	Girder ent ber Element Name Steel Open Girder/Beam Steel Protective Coating Defect Type Defect Corrosion PAINT PEELING WITH SURI WEBS Peeling/Bubbling/Crack PAINT PEELING WITH SURI ing (steel Protective WEBS	ent Element Name Qty Steel Open Girder/Beam 67 Steel Protective Coating 680 Defect Type Defect Description Corrosion PAINT PEELING WITH SURFACE RUST ON FLANGE WEBS Peeling/Bubbling/Crack PAINT PEELING WITH SURFACE RUST ON FLANGE wing (steel Protective WEBS	Bent Blement Name Cyty Cyty Steel Open Girder/Beam 67 0 Steel Protective Coating 680 500 Defect Type Defect Description Corrosion PAINT PEELING WITH SURFACE RUST ON FLANGES AND WEBS Peeling/Bubbling/Crack PAINT PEELING WITH SURFACE RUST ON FLANGES AND ing (steel Protective WEBS	Girder ent ber Element Name Total Qty Qty Qty Qty Qty CS2 Qty Qty Steel Open Girder/Beam 67 0 67 0 67 Steel Protective Coating 680 500 180 Defect Type Defect Description CS Corrosion PAINT PEELING WITH SURFACE RUST ON FLANGES AND WEBS 2 Peeling/Bubbling/Crack PAINT PEELING WITH SURFACE RUST ON FLANGES AND Ing (steel Protective WEBS 2	Comparison Com	Corrosion PAINT PEELING WITH SURFACE RUST ON FLANGES AND 2 180

General	Comments
---------	----------

2	Ве	eam 4						
Girder								
ent oer	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Op	en Girder/Beam		67	0	67	0	0 F	eet
Steel Pro	tective Coating		680	500	180	0	0 8	Square Feet
Defect Type	D	efect Description			cs	CS Qty	Maint Qty	
Corrosion	PAINT PEELING WITH WEBS	SURFACE RUST (ON FLANGE	S AND	2	67		Feet
Peeling/Bubbling/Cracking (steel Protective Coatings)	PAINT PEELING WITH WEBS	SURFACE RUST (ON FLANGE	S AND	2	180	180	Square Feet
	Girder Steel Op Steel Pro Defect Type Corrosion Peeling/Bubbling/Cracking (steel Protective	Girder Pent Element Name Steel Open Girder/Beam Steel Protective Coating Defect Type Corrosion PAINT PEELING WITH WEBS Peeling/Bubbling/Crack PAINT PEELING WITH ng (steel Protective WEBS	Girder Ent Element Name Steel Open Girder/Beam Steel Protective Coating Defect Type Defect Description Corrosion PAINT PEELING WITH SURFACE RUST WEBS Peeling/Bubbling/Crack PAINT PEELING WITH SURFACE RUST on (steel Protective WEBS)	Girder Pent Element Name Qty Steel Open Girder/Beam 67 Steel Protective Coating 680 Defect Type Defect Description Corrosion PAINT PEELING WITH SURFACE RUST ON FLANGE WEBS Peeling/Bubbling/Crack PAINT PEELING WITH SURFACE RUST ON FLANGE ong (steel Protective WEBS	Girder Int Element Name	Girder Ent der Element Name Total Qty Qty Qty Qty Qty Qty CS2 Steel Open Girder/Beam 67 0 67 Steel Protective Coating 680 500 180 Defect Type Defect Description CS Corrosion PAINT PEELING WITH SURFACE RUST ON FLANGES AND WEBS 2 Peeling/Bubbling/Crack PAINT PEELING WITH SURFACE RUST ON FLANGES AND 2 (steel Protective WEBS) 2	Corrosion PAINT PEELING WITH SURFACE RUST ON FLANGES AND 2 180 Corrosion Corrosion PAINT PEELING WITH SURFACE RUST ON FLANGES AND 2 180 Corrosion Co	Corrosion PAINT PEELING WITH SURFACE RUST ON FLANGES AND 2 180 180 180 180 180 180 180 180 180 180

Spa	n 2	Left Bridge F	Rail					
Coi	ncrete Railing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinfor	ced Concrete Bridge Railing	68	66	2	0	0 Feet	
Elemei Numbe	Dofoct Typo	Defect Descri	ption		cs	CS Qty	Maint Qty	
331	Delamination/Spall	6" DIA. CORNER SPALL 2 LOCATION LANES	ONS ABOVE S.B.	TRAVEL	2	2	2 Feet	

General Comments

1 2	Right Bridge Rail							
crete Railing								
ent ber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty		
Reinford	ced Concrete Bridge Railing	68	67	1	0	0 Feet		
Defect Type	Defect Descri	iption		CS	CS Qty	Maint Qty		
Delamination/Spall	RAIL POST # 4 SPALL 4" HIGH X 2 EXPOSED REBAR	" WIDE X 1" DEEP	WITH	2	1	1 Feet		
2	ent ber Reinfor	ent ber Element Name Reinforced Concrete Bridge Railing Defect Type Defect Descri Delamination/Spall RAIL POST # 4 SPALL 4" HIGH X 2	crete Railing ent	crete Railing ent Element Name Qty Qty Reinforced Concrete Bridge Railing 68 67 Defect Type Defect Description Delamination/Spall RAIL POST # 4 SPALL 4" HIGH X 2" WIDE X 1" DEEP WITH	crete Railing ent	crete Railing ent Element Name Qty Qty Qty Qty Qty Qty Reinforced Concrete Bridge Railing 68 67 1 0 Defect Type Defect Description CS CS Qty Delamination/Spall RAIL POST # 4 SPALL 4" HIGH X 2" WIDE X 1" DEEP WITH 2 1	crete Railing ent	

General Comments

Spa	an 2	Near Bearing						
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	2	0	0	2	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Description	n		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2	:	2 Square Feet
	General Comments							

Spa	ın 2	Far Bearing						
Oth	er Bearing							
Nur	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	1
316	Other	Bearings	1	0	1	0	0	Each
515	Steel	Protective Coating	2	0	0	2	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Description	n		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness (Stee Protective Coatings				3	2		2 Square Feet
	Ganaral Comments							

Spa	ın 2	Near Bearing						
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	2	0	0	2	0	Square Feet
Elemer Numbe	Defect Type	Defect Description	ı		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2	:	2 Square Fee
	General Comments							

Spa Oth	n 2 er Bearing	Far Bearing						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	2	0	0	2	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
	General Comments							

Spa	an 2		Near Bearing						
Oth	ner Bearing								
	ement Imber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316		Other B	earings	1	0	1	0	0	Each
515		Steel Pr	otective Coating	2	0	0	2	0	Square Feet
Eleme Numbe	Dofoot 1	Гуре	Defect Description	1		cs	CS Qty	Maint Qty	
316	Corrosion		RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness Protective Co		COATING NOT EFFECTIVE			3	2		2 Square Feet
	General Comr	nents							

Spai	n 2	Far Bearing						
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	2	0	0	2	0	Square Feet
Element Number	Dofoct Typo	Defect Description	1		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2	;	2 Square Feet

Spa	an 2		Near Bearing						
Oth	ner Bearing								
	ement Imber	Element Name	.	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	C	ther Bearings		1	0	1	0	0	Each
515	S	teel Protective Coating		2	0	0	2	0	Square Feet
Eleme Numb	Dofoot Ty	ре	Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO S	SECTION LOSS			2	1		Each
515	Effectiveness (S		FFECTIVE			3	2	2	2 Square Feet
	General Comme	ents							

Spai	n 2	Far Bearing						
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	2	0	0	2	0	Square Feet
Element Number	Defect Type	Defect Description	n		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
(General Comments							

Spar Rein	ո 3 forced Concrete	Deck Deck						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	2,142	2,141	0	1	0	Square Feet
lement lumber	Dofoct Typo	Defect De	escription		cs	CS Qty	Maint Qty	
12	Delamination/Spall		T DECK OVERHANG SPALL 8" DIAMETER X 1" DEEP H EXPOSED REBAR NEAR BENT 2			1		1 Square Feet
-	General Comments	WITH EXPOSED REBAR NEAR	BENI 2					

Spai	n 3	Beam 1						
Plate	e Girder							
Elem Num 107	nber	Element Name reel Open Girder/Beam	Total Qty 67	CS1 Qty 0	CS2 Qty 67	CS3 Qty 0	CS4 Qty 0 F	eet
515	St	teel Protective Coating	680	500	180	0	0 S	quare Feet
Element Number	Dofoct Tv	pe Defect Descr	iption		cs	CS Qty	Maint Qty	
107	Corrosion	PAINT PEELING WITH SURFACE I WEBS	RUST IN FLANGES	SAND	2	67		Feet
515	Peeling/Bubblinging (steel Protect	g/Crack PAINT PEELING WITH SURFACE I ctive WEBS	RUST IN FLANGES	SAND	2	180	180	Square Feet

Coatings)

General Comments

Spa	an 3	Beam 2						
Pla	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Stee	l Open Girder/Beam	67	0	67	0	0 Feet	
515	Stee	I Protective Coating	680	500	180	0	0 Square Fe	eet
Eleme	Dofoct Typo	Defect De	escription		cs	CS Qty	Maint Qty	
107	Corrosion	PAINT PEELING WITH SURFAI WEBS	CE RUST IN FLANGES	SAND	2	67	Feet	
515	Peeling/Bubbling/C ing (steel Protectiv Coatings)	crack PAINT PEELING WITH SURFA e WEBS	CE RUST IN FLANGES	S AND	2	180	180 Square	Feet
	General Comments	5						

Spa	n 3	Beam 3						
Plate	e Girder							
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	oen Girder/Beam	67	0	67	0	0 Fe	et
515	Steel Pr	otective Coating	680	500	180	0	0 Sq	uare Feet
Elemen Number	Dofoct Type	Defect Des	scription		cs	CS Qty	Maint Qty	
107	Corrosion	PAINT PEELING WITH SURFACT WEBS	E RUST IN FLANGES	SAND	2	67	-	Feet
515	Peeling/Bubbling/Cracing (steel Protective Coatings)	k PAINT PEELING WITH SURFAC WEBS	E RUST IN FLANGES	S AND	2	180	180	Square Feet
-	General Comments							

Spa	an 3	Beam 4						
Plat	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Ste	eel Open Girder/Beam	67	0	67	0	0 F	eet
515	Ste	eel Protective Coating	680	500	180	0	0 8	Square Feet
Elemer Numbe	Dofoct Typ	e Defect Des	scription		cs	CS Qty	Maint Qty	
107	Corrosion	PAINT PEELING WITH SURFAC WEBS	E RUST IN FLANGES	S AND	2	67		Feet
515	Peeling/Bubbling ing (steel Protect Coatings)	/Crack PAINT PEELING WITH SURFAC ive WEBS	E RUST IN FLANGES	S AND	2	180	180	Square Feet

Span	3	Near Bearin	ng					
Other	r Bearing							
Eleme Numb		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	2	0	0	2	0	Square Feet
Element Number	Defect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1	•	Each
	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
	eneral Comments							

Spa Oth	nn 3 er Bearing	Far Bearing						
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pi	rotective Coating	2	0	0	2	0	Square Feet
Elemer Numbe	Dofoct Typo	Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
	General Comments							

Spa	an 3	Near Bearing						
Oth	ner Bearing							
	ement ımber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	2	0	0	2	0	Square Feet
Eleme Numb	Dofoot Typo	Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
	General Comments							

Spar	n 3	Far Bearing						
Othe	er Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	2	0	0	2	0	Square Feet
Element Number	Dofoot Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet

Inspection Date: 05/09/2019

Structure Number: 770152

Spa	an 3	Near Bearing						
Oth	ner Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other I	Bearings	1	0	1	0	0	Each
515	Steel F	Protective Coating	2	0	0	2	0	Square Feet
Eleme	Dofoot Typo	Defect Description	1		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
	General Comments							

Spa Oth	n 3 er Bearing	Far Bearing						
Eler	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	2	0	0	2	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1	•	Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
	General Comments							

Spa	an 3	Near Bearing						
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0 Each	
515	Steel Pr	otective Coating	2	0	0	2	0 Square Feet	
Elemer Numbe	Dofoot Typo	Defect Description	1		CS	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1	Each	
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2	2 Square Feet	
	General Comments							

Span 3		Far Bearing						
Other B	earing							
Element Number	Element N	lame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings		1	0	1	0	0 F	Each
515	Steel Protective Coating	I	2	0	0	2	0 \$	Square Feet
lement lumber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

 Structure Number: 770152
 Inspection Date: 05/09/2019

 316
 Corrosion
 RUST WITH NO SECTION LOSS
 2
 1
 Each

 515
 Effectiveness (Steel Protective Coatings)
 COATING NOT EFFECTIVE
 3
 2
 2
 Square Feet

Span 4		Deck						
Reinfor	ced Concrete Deck							
Element Number	Element N	lame	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinforced Concrete De	ck	2,142	2,142	0	0	0	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

General Comments

General Comments

2

Spa	n 4		Beam 1						
Plat	e Girder								
Eler Nun	nent nber	Element Name		Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel Op	en Girder/Beam		67	0	67	0	0 1	-eet
515	Steel Pro	tective Coating		680	500	180	0	0 \$	Square Feet
Elemen Numbe	Defect Type		Defect Descriptio	n		cs	CS Qty	Maint Qty	
107	Corrosion	PAINT PEELING W WEBS	'ITH SURFACE RUS'	Γ IN FLANGES	SAND	2	67	-	Feet
515	Peeling/Bubbling/Cracking (steel Protective Coatings)	PAINT PEELING W WEBS	'ITH SURFACE RUS	Γ IN FLANGES	SAND	2	180	180	Square Feet
-	General Comments								

n 4	Beam 2						
e Girder							
nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Ope	en Girder/Beam	67	0	67	0	0 F	eet
Steel Pro	tective Coating	680	500	180	0	0 8	Square Feet
t r Defect Type	Defect	Description		cs	CS Qty	Maint Qty	
Corrosion	PAINT PEELING WITH SURF WEBS	ACE RUST IN FLANGES	SAND	2	67		Feet
Peeling/Bubbling/Crack ing (steel Protective Coatings)	PAINT PEELING WITH SURF WEBS	ACE RUST IN FLANGES	SAND	2	180	180	Square Feet
	e Girder nent nber Steel Ope Steel Pro t Defect Type Corrosion Peeling/Bubbling/Crack ing (steel Protective	e Girder nent nber Element Name Steel Open Girder/Beam Steel Protective Coating t Defect Type Defect Corrosion PAINT PEELING WITH SURF WEBS Peeling/Bubbling/Crack PAINT PEELING WITH SURF ing (steel Protective WEBS	re Girder Total Open Element Name	re Girder Total CS1 At Parent Name Qty Qty Steel Open Girder/Beam 67 0 Steel Protective Coating 680 500 Total CS1 At Qty Qty Steel Open Girder/Beam 67 0 Steel Protective Coating 680 500 Total CS1 At Qty Qty Steel Open Girder/Beam 67 0 Steel Protective Coating 680 500 Total CS1 At Qty Qty Steel Open Girder/Beam 67 0 Steel Protective Coating 680 500	Palint P	Pacing Pating P	Pack Pack

Plate Girder Element Number Total Qty CS1 Qty CS2 Qty CS3 Qty 107 Steel Open Girder/Beam 67 0 67 0 515 Steel Protective Coating 680 500 180 0	
NumberElement NameQtyQtyQtyQty107Steel Open Girder/Beam670670	
	CS4 Qty
515 Steel Protective Coating 680 500 180 0	0 Feet
	0 Square Feet
Element Number Defect Type Defect Description CS CS Qty	Maint Qty
107 Corrosion PAINT PEELING WITH SURFACE RUST IN FLANGES AND 2 67 WEBS	Feet
Peeling/Bubbling/Crack PAINT PEELING WITH SURFACE RUST IN FLANGES AND 2 180 ing (steel Protective WEBS Coatings)	180 Square Feet

General Comments

Spa	n 4	Beam 4						
Plate	e Girder							
Nun		Element Name	Total Qty 67	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107 515		pen Girder/Beam rotective Coating	680	0 500	180	0	-	Feet Square Feet
Element Number	Dofoct Type	Defect D	escription		cs	CS Qty	Maint Qty	
107	Corrosion	PAINT PEELING WITH SURFA WEBS	CE RUST IN FLANGES	S AND	2	67		Feet
515	Peeling/Bubbling/Craing (steel Protective Coatings)	ck PAINT PEELING WITH SURFA WEBS	CE RUST IN FLANGES	S AND	2	180	180	Square Feet
-	General Comments							

Spa	n 4	Near Bearing					
Oth	er Bearing						
	nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty
316	Other B	earings	1	0	1	0	0 Each
515	Steel Pr	otective Coating	2	0	0	2	0 Square Feet
Elemen Numbe	Dofoot Typo	Defect Description			cs	CS Qty	Maint Qty
316	Corrosion	RUST WITH NO SECTION LOSS			2	1	Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2	2 Square Feet

Span 4		Far Bearing	3					
Other Bea	ring							
Element Number	Elen	nent Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings		1	0	1	0	0	Each
515	Steel Protective C	oating	2	0	0	2	0	Square Feet
Element Number D	Pefect Type	Defect Desc	ription		cs	CS Qty	Maint Qty	
316 Corros	ion RUST V	VITH NO SECTION LOSS			2	1	,	Each

515 Effectiveness (Steel COATING NOT EFFECTIVE 3 2 2 Square Feet Protective Coatings)

Spa	an 4	Near Bearing						
Oth	ner Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	2	0	0	2	0	Square Feet
Eleme Numb	Defect Type	Defect Description	1		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
	General Comments							

Spa	n 4	Far Bearing						
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	searings	1	0	1	0	0	Each
515	Steel Pi	rotective Coating	2	0	0	2	0	Square Feet
Elemer Numbe	Dofoot Typo	Defect Description			CS	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
	General Comments							

Spa	an 4	Near Bearing						
Oth	ner Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	searings	1	0	1	0	0 Ea	ach
515	Steel P	rotective Coating	2	0	0	2	0 Sc	quare Feet
Elemei Numbe	Defeat Tyme	Defect Description	on		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2	2	Square Feet
	General Comments							

Spa	ın 4	Far Bearing						
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS ² Qty	=
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	2	0	0	2	0	Square Feet
Elemen Numbe	Defect Type	Defect Descriptio	n		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
	General Comments							

Spa	an 4	Near Bearing						
Oth	er Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
316	Other Be	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	2	0	0	2	0	Square Feet
Elemei Numbe	Dofoct Typo	Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
	General Comments							

Spa	an 4	Fa	r Bearing					
Oth	ner Bearing							
	ement Imber	Element Name	Total Qty		CS2 Qty	CS3 Qty	CS4 Qty	
316	Oth	er Bearings	1	0	1	0	0	Each
515	Stee	el Protective Coating	2	2 0	0	2	0	Square Feet
Eleme Numb	Dofoot Type	e D	efect Description		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTI	ON LOSS		2	1		Each
515	Effectiveness (Ste Protective Coating		TIVE		3	2		2 Square Feet
	General Comment	ts						

Spa	n 5	Deck						
Reir	nforced Concrete	Deck						
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
12	Reinfor	ced Concrete Deck	2,001	1,999	0	2	0 Square Feet	
Elemen Numbe	Dofoct Typo	Defect Descrip	otion		cs	CS Qty	Maint Qty	_
12	Delamination/Spall	30" X 4" X 1" DEEP SPALL LOCATED DECK IN BAY 1 NEAR ENDBENT 2.			3		Square Feet	
12	Delamination/Spall	30" X 4" X 1" DEEP SPALL LOCATED DECK IN BAY 3 NEAR ENDBENT 2.			3	1	Square Feet	
12	Delamination/Spall	LEFT DECK OVERHANG SPALL 10" WITH 4" EXPOSED REBAR NEAR M		DEEP	3	1	1 Square Feet	

Spa	an 5	Beam 1						
Pla	te Girder							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel	Open Girder/Beam	67	0	67	0	0 F	eet
515	Steel	Protective Coating	630	450	180	0	0 S	Square Feet
Eleme	Dofoct Typo	Defect De	escription		cs	CS Qty	Maint Qty	
107	Corrosion	PAINT PEELING AND SURFAC	E RUST IN FLANGES	AND	2	67	-	Feet
515	Peeling/Bubbling/Crack PAINT PEELING AND SURFACE RUST IN FLANGES AND ing (steel Protective WEBS Coatings)		AND	2	180	180	Square Feet	
	General Comments							

Spai	n 5	Beam 2						
Plate	e Girder							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
107	Steel C	Open Girder/Beam	67	0	67	0	0 F	eet
515	Steel F	Protective Coating	630	450	180	0	0 8	Square Feet
lement	Dofoct Typo	Defect De	escription		cs	CS Qty	Maint Qty	
107	Corrosion	PAINT PEELING AND SURFAC WEBS	E RUST IN FLANGES	AND	2	67	-	Feet
515	Peeling/Bubbling/Craing (steel Protective Coatings)	ack PAINT PEELING AND SURFAC WEBS	E RUST IN FLANGES	AND	2	180	180	Square Feet

Spa	an 5	Bear	n 3					
Pla	te Girder							
	ment mber Steel Op	Element Name en Girder/Beam	Total Qty 67	CS1 Qty 0	CS2 Qty 67	CS3 Qty 0	CS4 Qty 0 F	eet
515	Steel Pro	otective Coating	630	450	180	0	0 S	quare Feet
Elemei Numbe	Dofoct Typo	Defe	ct Description		cs	CS Qty	Maint Qty	
107	Corrosion	PAINT PEELING AND SUI WEBS	RFACE RUST IN FLANGE	ES AND	2	67		Feet
515	Peeling/Bubbling/Cracing (steel Protective Coatings)	k PAINT PEELING AND SUI WEBS	RFACE RUST IN FLANGE	ES AND	2	180	180	Square Feet
	General Comments							

n 5	Bea	am 4					
e Girder							
nent nber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
Steel Ope	en Girder/Beam	67	0	67	0	0 F	eet
Steel Pro	tective Coating	630	450	180	0	0 S	Square Feet
t Defect Type	De	efect Description		cs	CS Qty	Maint Qty	
Corrosion	PAINT PEELING AND S WEBS	URFACE RUST IN FLANGE	S AND	2	67		Feet
Peeling/Bubbling/Cracking (steel Protective Coatings)	PAINT PEELING AND S WEBS	URFACE RUST IN FLANGE	S AND	2	180	180	Square Fee
	Steel Ope Steel Pro Defect Type Corrosion Peeling/Bubbling/Cracking (steel Protective	e Girder Thent taber Element Name Steel Open Girder/Beam Steel Protective Coating Corrosion PAINT PEELING AND SWEBS Peeling/Bubbling/Crack PAINT PEELING AND Sing (steel Protective WEBS	rent Blement Name Cty Steel Open Girder/Beam 67 Steel Protective Coating 630 Corrosion PAINT PEELING AND SURFACE RUST IN FLANGE WEBS Peeling/Bubbling/Crack PAINT PEELING AND SURFACE RUST IN FLANGE ing (steel Protective WEBS	rent Blement Name CS1 Steel Open Girder/Beam 67 0 Steel Protective Coating 630 450 Corrosion PAINT PEELING AND SURFACE RUST IN FLANGES AND WEBS Peeling/Bubbling/Crack PAINT PEELING AND SURFACE RUST IN FLANGES AND ing (steel Protective WEBS)	Pacific Paci	Corrosion	Pack Figure Fig

Spar		Near Bearing						
Othe	r Bearing							
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	2	0	0	2	0	Square Feet
Element Number	Defect Type	Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1		Each
	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
G	Seneral Comments							

Spa	an 5	Far Bearing						
Oth	ner Bearing							
	ement mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0 Each	
515	Steel Pr	rotective Coating	2	0	0	2	0 Square Feet	
Eleme Numbe	Dofoot Typo	Defect Description			cs	CS Qty	Maint Qty	_
316	Corrosion	RUST WITH NO SECTION LOSS			2	1	Each	
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2	2 Square Feet	
	General Comments							

Spai	n 5	Near Beari	ng					
Othe	er Bearing							
Elen Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0 Each	
515	Steel Pi	rotective Coating	2	0	0	2	0 Square Fee	t
Element Number	Dofoot Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1	Each	
515	Effectiveness (Steel	COATING NOT EFFECTIVE			3	2	2 Square F	eet

Inspection Date: 05/09/2019

Structure Number: 770152

Protective Coatings)

Spa Oth	n 5 er Bearing	Far Bearing						
Nur	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	otective Coating	2	0	0	2	0	Square Feet
Elemen Numbe	Dofoot Typo	Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1	-	Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
•	General Comments							

Spa	an 5		Near Bearing						
Oth	ner Bearing								
	ement mber		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	(Other Be	earings	1	0	1	0	0	Each
515	5	Steel Pr	otective Coating	2	0	0	2	0	Square Feet
Eleme	Dofoct Ty	уре	Defect Descripti	ion		cs	CS Qty	Maint Qty	
316	Corrosion		RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness (Protective Coa		COATING NOT EFFECTIVE			3	2		2 Square Feet
	General Comm	ents							

Spa	an 5	Far Bearing						
Oth	ner Bearing							
	ment mber	Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bo	earings	1	0	1	0	0 E	Each
515	Steel Pr	otective Coating	2	0	0	2	0 8	Square Feet
Eleme	Dofoot Typo	Defect Description			cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2	2	Square Feet
	General Comments							

Span 5		Near Bearing						
Other B	earing							
Element Number	Elemen	t Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
316	Other Bearings		1	0	1	0	-	Each
515	Steel Protective Coat	ing	2	0	0	2	0	Square Feet
lement umber	Defect Type	Defect Description			cs	CS Qty	Maint Qty	

Structure	Number: <u>770152</u>	Insp	ection Date: <u>05/09/2019</u>		
316	Corrosion	RUST WITH NO SECTION LOSS	2	1	Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE	3	2	2 Square Feet

General Comments

Span 5		Far Bearing						
Oth	er Bearing							
	ment nber	Element Name	Total Qty	CS1 Qty	CS2 Qty		CS4 Qty	
316	Other B	earings	1	0	1	0	0	Each
515	Steel Pr	rotective Coating	2	0	0	2	0	Square Feet
Elemen Numbe	Defect Type	Defect Description	1		cs	CS Qty	Maint Qty	
316	Corrosion	RUST WITH NO SECTION LOSS			2	1		Each
515	Effectiveness (Steel Protective Coatings)	COATING NOT EFFECTIVE			3	2		2 Square Feet
,	General Comments							

	Bent 1	Abutment						
Elem Num		Element Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
215	Reinfor	ced Concrete Abutment	40	39	1	0	0 Fee	et
Element Number	Defect Type	Defect Desc	cription		cs	CS Qty	Maint Qty	
215	Delamination/Spall		SPALL MEASURING 7" HIGH X 4" WIDE X 1" DEEP OCATED BAY 3 ADJACENT TO BEAM 3		2	1	1 F	eet
G	Seneral Comments							

ement umber	Defect Type	Defect Des	cription		cs	CS Qty	Maint Qty	
Number 234	Reinforced Concre	ent Name te Pier Cap	Qty 40	Qty 40	Qty 0	Qty 0	Qty 0 Fee	et
Element			Total	CS1	CS2	CS3	CS4	
Reinford	ced Concrete Pier Cap)						
End Ber	nt 2	Cap 1						

General Comments

END BENT PILES NOT VISIBLE DUE TO CONCRETE SLOPE PROTECTION

End	Bent 2	Abutment						
Reir	forced Concrete	Abutment						
Elen Nun 215	nber	Element Name ced Concrete Abutment	Total Qty 40	CS1 Qty 36	CS2 Qty	CS3 Qty 4	CS4 Qty 0 F	- eet
Elemen Number	Dofoct Typo	Defect Desc	cription		cs	CS Qty	Maint Qty	
215	Delamination/Spall	SPALL 1.5 FT LONG X 4" WIDE X 2	1" DEEP LOCATED	IN BAY	3	2	2	Feet
215	Delamination/Spall	SPALL 1.5 FT LONG X 9" WIDE X 1 BEHIND BEAM 2	1" DEEP LOCATED	IN BAY	3	2		Feet
-	General Comments							

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2001
Span 1	Beam 1	Plate Girder	Steel Open Girder/Beam	63
Span 1	Beam 2	Plate Girder	Steel Open Girder/Beam	63
Span 1	Beam 3	Plate Girder	Steel Open Girder/Beam	63
Span 1	Beam 4	Plate Girder	Steel Open Girder/Beam	63
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	64
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	64
Span 1	Expansion Joint	Standard Joint	Pourable Joint Seal	31
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 1	Near Bearing	Other Bearing	Other Bearings	1
Span 1	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2142
Span 2	Beam 1	Plate Girder	Steel Open Girder/Beam	67
Span 2	Beam 2	Plate Girder	Steel Open Girder/Beam	67
Span 2	Beam 3	Plate Girder	Steel Open Girder/Beam	67
Span 2	Beam 4	Plate Girder	Steel Open Girder/Beam	67
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	68
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	68
Span 2	Expansion Joint	Compression Seal	Compression Joint Seal	31
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 2	Near Bearing	Other Bearing	Other Bearings	1
Span 2	Far Bearing	Other Bearing	Other Bearings	1
Span 3	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2142
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	68
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	68
Span 3	Expansion Joint	Compression Seal	Compression Joint Seal	31
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2142
Span 4	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	68
Span 4	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	68
Span 4	Expansion Joint	Compression Seal	Compression Joint Seal	31
Span 5	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	2001
Span 5	Beam 1	Plate Girder	Steel Open Girder/Beam	67
Span 5	Beam 2	Plate Girder	Steel Open Girder/Beam	67
Span 5	Beam 3	Plate Girder	Steel Open Girder/Beam	67
Span 5	Beam 4	Plate Girder	Steel Open Girder/Beam	67

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 5	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	64
Span 5	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	64
Span 5	Expansion Joint	Compression Seal	Compression Joint Seal	31
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Span 5	Near Bearing	Other Bearing	Other Bearings	1
Span 5	Far Bearing	Other Bearing	Other Bearings	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	40
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 1	Pile 5	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 1	Pile 6	Prestressed Concrete Pile	Prestressed Concrete Pile	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	40
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	40
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	40
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 2	Pile 5	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 2	Pile 6	Prestressed Concrete Pile	Prestressed Concrete Pile	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	40
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	40
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	40
Bent 3	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Pile 5	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 3	Pile 6	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	40
Bent 4	Pile 1	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Pile 2	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Pile 3	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Pile 4	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Pile 5	Prestressed Concrete Pile	Prestressed Concrete Pile	1
Bent 4	Pile 6	Prestressed Concrete Pile	Prestressed Concrete Pile	1

General Inspection Notes

Bent 2	Cap 1				
END BENT PIL	END BENT PILES NOT VISIBLE DUE TO CONCRETE SLOPE PROTECTION				
Span 2	Deck				
Span 4	Deck				
opan i	2001.				
2					

National Bridge and NC Inspection Items

Structure Number: 770152 Inspection Date: 05/09/2019

National Bridge Inventory Items

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

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

NC SMU Inspection Items

Item	Grade Scale	Grade	Maint. Qty.	Maint. Code
Deck Debris	G, F, P, or C	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	F	0	3352
Scour	G, F, P, or C			
Wingwall	G, F, P, or C	G	0	3350
Field Scour Evaluation				
Drift	G, F, P, or C		0	3366
Fender System	G, F, P, or C		0	3364
Movable Span Machinery	G, F, P, or C			
Response to Live Load	G, F, P, or C	G		
Estimated Remaining Life	0 - 100 Years			
Superstructure Paint Code		Α		

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	9
Traffic Control Time	Hours	0
Snooper Time	Hours	0
Ladder Used	YES/NO	Υ
Bucket Truck Used	YES/NO	N
Boat Used	YES/NO	N
Other Equipment Used	YES/NO	N

National Bridge and NC SMU Inspection Item Details

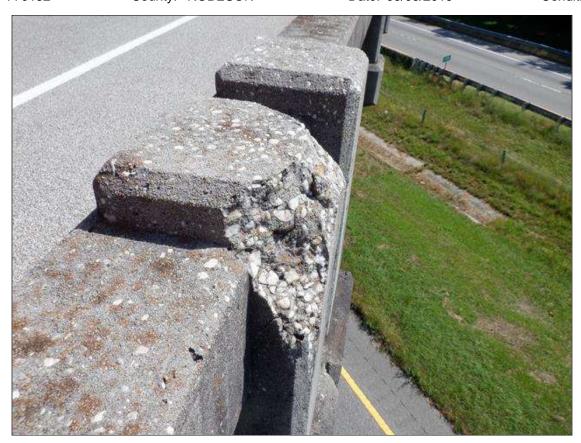
Structure Number: 770152 Inspection Date: 05/09/2019

 Item
 Deck - Item 58
 Grade 8
 Maint Code
 Qty. 0

 Details
 DECK HAS BEEN RESURFACED SINCE PREVIOUS INSPECTION

ItemApproach Roadway Alignment - Item 72Grade 6Maint CodeQty. 0

Details LATERAL CRACKING ACROSS ENTIRE ROADWAY 5FT EAST OF EAST APPROACH



Span 2 Right Bridge Rail: RAIL POST # 4 SPALL 4" HIGH X 2" WIDE X 1" DEEP WITH EXPOSED REBAR



LAERAL CRACKING ACROSS ENTIRE ROADWAY 5FT EAST OF EAST APPROACH



Span 5 Deck: 30" X 4" X 1" DEEP SPALL LOCATED ON BOTTOM SIDE OF DECK IN BAY 3 NEAR ENDBENT 2. EXPOSED REBAR



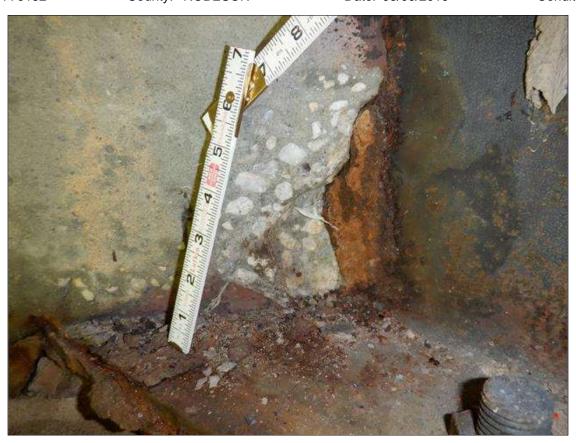
End Bent 2 Abutment/Backwall : SPALL 1.5 FT LONG X 4" WIDE X 1" DEEP LOCATED IN BAY 2



Span 5 Beam 2: PAINT PEELING AND SURFACE RUST IN FLANGES AND WEBS



SPALL MEASURING 8" IN DIAMETER BY 1" DEEP LOCATED IN THE CONCRETE BUILD UP IN SPAN 1 BAY 2 OVER BENT 1.



End Bent 1 Abutment/Backwall : SPALL MEASURING 7" HIGH X 4" WIDE X 1" DEEP LOCATED BAY 3 ADJACENT TO BEAM 3



Span 1 Beam 1: PAINT PEELING WITH SURFACE RUST, NO SECTION LOSS

Structure: 770152 County: ROBESON Date: 05/09/2019 Structure Photos



COVER PHOTO LOOKING EAST



SW GUARDRAIL END TERMINAL

Structure: 770152 County: ROBESON Date: 05/09/2019 Structure Photos



SW GUARDRAIL MID POST SPACING



NW GUARDRAIL NOT ATTACHED. OTHER LOCATIONS SIMILAR

Structure: 770152 County: ROBESON Date: 05/09/2019 Structure Photos



LEFT RAIL. RIGHT RAIL SIMILAR



WEST APPROACH LOOKING WEST



LOOKING NORTH



LOOKING SOUTH



EAST APPROACH



LOOKING WEST



ABUTMENT 2



ABUTMENT 2 BEAM 3



SPAN 5 SUPERSTRUCTURE



BENT 4 BEAM 1 BEARING



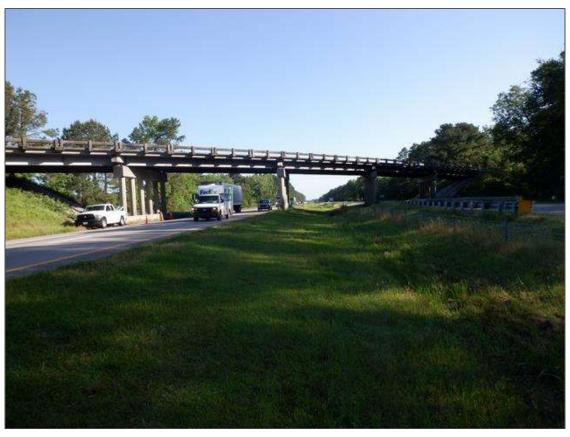
BENT 4



SPAN 2 THRU LANES LOOKING SOUTH



NORTH ELEVATION



SOUTH ELEVATION



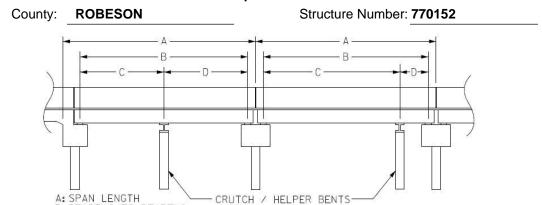
SPAN 4 THRU LANES LOOKING NORTH



BENT 1 BEAM 4 BEARING

Structure Data Worksheet

Span Profile



A: SPAN LENGTH
B: BEARING TO BEARING
C: DISTANCE FROM NEAR BEARING
D: DISTANCE TO FAR BEARING

Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	63.500	61.333			
2	68.000	66.667			
3	68.000	66.667			
4	68.000	66.667			
5	63.500	61.333			

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

Run Date: 06/25/2019

IDENTIFICATION			
(1) STATE NAME -NORTH CAROLINA BRIDGE	770152	SUFFICIENCY RATING =	94.81
(8) STRUCTURE NUMBER(FEDERAL) 000	000001550152	STATUS = Not Deficient	
(5) INVENTORY ROUTE (ON/UNDER) - ON	31017580		
(2) STATE HIGHWAY DEPARTMENT DISTRICT	1		CODE
(3) COUNTY CODE 155 (4) PLACE CODE	0	(112)NBIS BRIDGE SYSTEM -	YES
(6) FEATURE INTERSECTED - 195		(104)HIGHWAY SYSTEM Is not on NHS	0
(7) FACILITY CARRIED SR1758		(26) FUNCTIONAL CLASS - Local	09
(9) LOCATION 0.7 MI.W.JCT.SR1759		(100)STRAHNET HIGHWAY - Not a STRAHNET Route	0
(11)MILEPOINT	0	(101)PARALLEL STRUCTURE - No Parallel Structure	N
(16)LAT 34° 46' 12.12" (17)LONG 78° 59' 45	5.87"	(102)DIRECTION OF TRAFFIC - 2-way Traffic	2
(98)BORDER BRIDGE STATE CODE PCT SHA	RE	(103)TEMPORARY STRUCTURE -	
(99)BORDER BRIDGE STRUCTURE NO		(110)DESIGNATED NATIONAL NETWORK - Not on the National Network	0
		(20) TOLL On Free Road	3
		(31) MAINTAIN - State Highway Agency	01
(43) STRUCTURE TYPE MAIN: Steel		(22) OWNER - State Highway Agency	01
TYPE - Stringer Mutlibeam or Girder	CODE 302	(37) HISTORICAL SIGNIFICANCE - Not Eligible	5
(44) STRUCTURE TYPE APPR :			
TYPE -	CODE 000		CODE
(45) NUMBER OF SPANS IN MAIN UNIT	5	(58) DECK	8
(46) NUMBER OF APPROACH SPANS		(59) SUPERSTRUCTURE	6
(107)DECK STRUCTURE TYPE - 1	CODE	(60) SUBSTRUCTURE	6
(108)WEARING SURFACE / PROTECTIVE SYSTEM:		(61) CHANNEL & CHANNEL PROTECTION	N
(A) TYPE OF WEARING SURFACE - Concrete	CODE 1	(62) CULVERTS	N
(B) TYPE OF MEMBRANE - None	CODE 0	LOAD RATING AND POSTING	CODE .
(C) TYPE OF DECK PROTECTION - None	CODE 0	(31) DESIGN LOAD HS 15	3
		(63) OPERATING RATING METHOD - Load Factor	1
AGE AND SERVICE		(64) OPERATING RATING - HS-43	78
(27) YEAR BUILT	1959	(65) INVENTORY RATING METHOD - Load Factor	1
(106)YEAR RECONSTRUCTED		(66) INVENTORY RATING - HS-26	46
(42) TYPE OF SERVICE : ON - Highway		(70) BRIDGE POSTING - No Posting Required	5
UNDER - Highway	CODE 11	(41) STRUCTURE OPEN, POSTED ,OR CLOSED	Α
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE	4	DESCRIPTION - Open, No Restriction	
(29) AVERAGE DAILY TRAFFIC	480	APPRAISAL	CODE
(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT	6%	(67) STRUCTURAL EVALUATION	6
(19) BYPASS OR DETOUR LENGTH	5 MI	(68) DECK GEOMETRY	5
GEOMETRIC DATA		(69) UNDERCLEARANCES, VERTI & HORIZ	4
(48) LENGTH OF MAXIMUM SPAN	67 FT	(71) WATERWAY ADEQUACY	N
(49) STRUCTURE LENGTH	331 FT	(72) APPROACH ROADWAY ALIGNMENT	6
(50)CURB OR SIDEWALK: LEFT 1.7085 FT RIGHT	1.7085 FT	(36) TRAFFIC SAFETY FEATURES	0010
(51) BRIDGE ROADWAY WIDTH CURB TO CURB	28 FT	(113)SCOUR CRITICAL BRIDGES	N
(52) DECK WIDTH OUT TO OUT	33.417 FT	PROPOSED IMPROVEMENTS	
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)	18 FT	(75) TYPE OF WORK - CODE	
(33) BRIDGE MEDIAN - No Median	CODE 0	(76) LENGTH OF STRUCTURE IMPROVEMENT	
(34) SKEW 50° (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 Highway	16.8 FT	(114)FUTURE ADT 960 (115) YEAR FUTURE ADT	2025
(55) MIN LAT UNDERCLEAR RT REF Highway	11 FT		
(56) MIN LAT UNDERCLEAR LT REF -	6.6 FT		5/09/2019
NAVIGATION DATA		(00) 051 0 15	J/U3/2019
(38) NAVIGATION CONTROL - Not Applicable	CODE N	(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE A) FRACTURE CRIT DETAIL - NO A)	
(111)PIER PROTECTION -	CODE	A) FRACTURE CRIT DETAIL - NO A) B) UNDERWATER INSP - NO B)	
(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	3000N	

Structure No:	770152	County:	ROBESON	Run Date:

ĺ				ertical		~			uc			Traffic	ance		See Not	e 1					Route
	Span Number	Feature Intersected	Inventory Route	Minimum Maximum Ve Clearance	Milepoint	Base Highway Network	LRS Inventory Route	Toll	Functional Classification	Numer of Lanes	Average Daily Traffic	Year of Average Daily	Total Horizontal Clearanc	Reference Feature	Minimum Vertical Underclearance	Right Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade	STRAHNET Highway	Traffic	Highway System of Ro
		6	5	10	11	12	13	20	26	28	29	30	47	54A	54	55	56	69	100	102	104
2	2	I95S	11000950	17	28.50	1	10095		1	2	23000	2015	41.6	Н	16.9	11	6.6	9	1	1	1
4	1	195N	11000950	17	28.50	1	10095		1	2	23000	2015	41.6	Н	16.8	11	6.6	9	1	1	1

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE Run Date: 06/25/2019

COUNTY: **DIVISION:** DISTRICT: STRUCTURE NUMBER: LENGTH:

331 ROBESON 770152 FEET

ROUTE CARRIED: FEATURE INTERSECTED:

SR1758 195

BRIDGE NAME: LOCATED: 0.7 MI.W.JCT.SR1759 CITY:

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

NFA NFA 480 2015 LT 111 RT 111

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

SHC 8.13972 **HS 15** 1959

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

TAN. 140 2 ON **UNDER** 4

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

0 0 HC 0 FT FT VC FT FT

SUPERSTRUCTURE: RC FLOOR ON I-BEAMS

SUBSTRUCTURE: E.BTS&INT.BTS:RC CAP/PPC PILES @ 7'CTS.

SPANS: 1@63'6;3@68';1@63'6

BEAMS OR GIRDERS: 4 LINES W36X150 I-BEAMS @ 8'CENTERS

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

7 RC/NO AWS 33.417 FT

CLEAR ROADWAY: BETWEEN RAILS: SIDEWALK OR CURB:

28 FT 31.417 FT LT 1.7085 RT 1.7085

> FT FΤ

VERT.CL.OVER:

999.9 FT

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

HS-26 HS-43 int.bmA SV **TTST** DATE

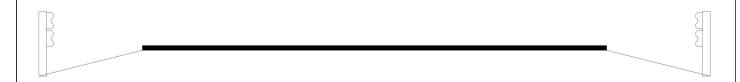
SYSTEM: **GREEN LINE ROUTE:**

Primary S.R. Route Ν

UNDER ROUTES AND CLEARANCES

		Vertical C	learances	Horizo	ntal Clea	rances
Span	Route Description	MMVC	MVC	Total	Left	Right
2	I95S	17	16.90	41.60	6.60	11
4	I95N	17	16.80	41.60	6.60	11

Note: All measurements are in feet.



MEASUREMENTS TAKE 25' FROM END BENT 2

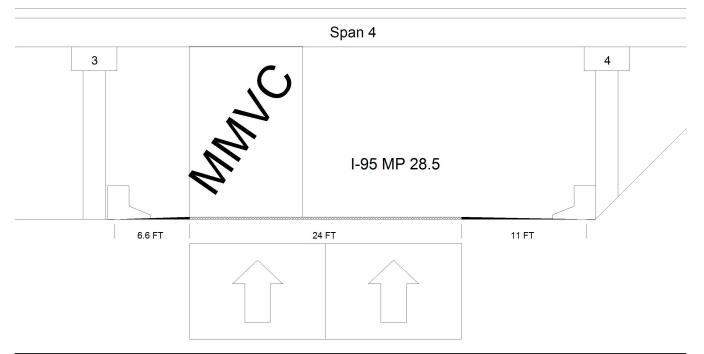
Roadway	18ft Wide	2 Paved Lanes	Looking East
Left Shoulder	4ft Wide		4ft Unpaved
Right Shoulder	4ft Wide		4ft Unpaved
Left Guardrail	4ft from road		
Right Guardrail	4ft from road		

MEASUREMENTS VERIFIED BY RLK 5/9/17
MEASUREMENTS VERIFIED 05/09/2019 BY JTE

MEASUREMENTS UPDATED 5/19/2015 BY DRW

Title		Description SR 1758 Looking East						
Approach Roadway								
Bridge No: 770152	Drawn By: RJH		Date: 06/14/2006	File Name: \$0258000087				

SR- 1758

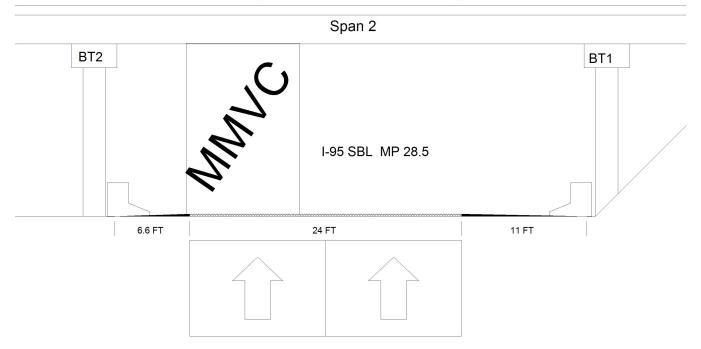


Roadway 1		Direction of Traffic	North
Distance to Left Rail	6.6FT	Distance to Right Rail	11FT
Distance to Left Toe of Slope		Distance to Left Bent	7.4FT
Distance to Right Toe of Slope	11.8FT	Distance to Right Bent	11.8FT
MMVC	17.0 Ft at Beam 1, 10 FT from LEFT EDGE OF	PAVEMENT	
MVC	16.8 Ft at Beam 1, 0 FT from RIGHT EDGE OF	TRAVEL LANES	

MEASUREMENTS UPDATED 05/09/2019 BY JTE MEASUREMENTS VERIFIED BY RLK 5/9/17 MEASUREMENTS VERIFIED 5/19/2015 BY DRW

Title		Desci	Description					
NBL Clearance		NBL C	learance SPAN 4					
Bridge No: 770152	Drawn By: RLK	·	Date: 9/28/2011	File Name: \$0258000088				

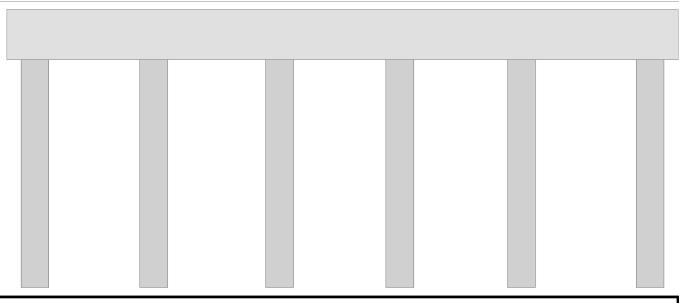
SR- 1758 (MC DUFFIE CROSSING ROAD)



Roadway 1		Direction of Traffic	South
Distance to Left Rail	6.6FT	Distance to Right Rail	11FT
Distance to Left Toe of Slope		Distance to Left Bent	7.4FT
Distance to Right Toe of Slope	11.8FT	Distance to Right Bent	11.8FT
MMVC	17.0 Ft at Beam 4, 10 FT from 10' FROM LT ED	GE OF PAVEMENT	
MVC	16.9 Ft at Beam 4, 0 FT from AT CENTER LINE		

MEASUREMENTS UPDATED 5/09/2019 BY JTE
MEASUREMENTS VERIFIED BY RLK 5/9/17
MEASUREMENTS VERIFIED 5/19/2015 BY DRW

Title		Description						
SBL Clearance		SBL Clearance						
Bridge No: 770152	Drawn By: RLK	Date: 9/28/2011	File Name: \$0258000089					

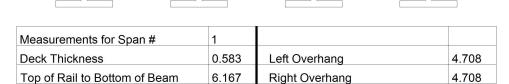


Cap In	formation		Material	Cast-in-	-Place Concre	ete						
Lengt	th Width	Height	Left Over	hang	Right Overh	nang	Left Be	eam to Er	nd of Cap.	Righ	t Beam to En	d of Cap
40.000	ft. 3.000 ft.	3.000 ft.	1.667	ft.	1.667 ft.		1.7	'50 ft.		1	.750 ft.	
Subca	p Information		Material									
Lengt	th Width	Height	ight Left Overhang Right Overhang Left Pile to Splice.									
Sill Info	ormation		Material									
Lengt	th Width	Height										
Pile#	Material	Spacing	Width/Dia.	Height	Length	Orie	ntation	Driven?	Replacem	nent?	Removed?	Collar?
1	Concrete	7.5 ft.	1.667 ft.			Vert	ical	Yes	No		No	No
2	Concrete	7.6 ft.	1.667 ft.			Vert	ical	Yes	No		No	No
3	Concrete	7.3 ft.	1.667 ft.			Vert	ical	Yes	No		No	No
4	Concrete	7.5 ft.	1.667 ft.			Vert	ical	Yes	No		No	No
5	Concrete	7.3 ft.	1.667 ft.			Vert	ical	Yes	No		No	No
6	Concrete		1.667 ft.			Vert	ical	Yes	No		No	No
MEAS	UREMENTS U UREMENTS V	ERIFIED BY		7	2,3&4							

Title	MEASUREMENTS UPDATED 5/19/2015 BY DRW			Description		
SUBS	TRUCTURE		SIMILAR BENT			
Bridge N	No: 770450	Drawn By: RJH		Date: 00/4/4/0000	T	

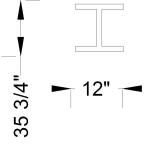
Bridge No: 770152 Drawn By: KJH Date: 06/14/2006 File Name: \$0258000090

Deck Width/Out to Out	33.417ft	Betwe	en Rails			31.417ft
Clear Roadway 28ft		Wearing Surface				
Median Width		Median Height				
Curb Height		Left	0.833ft	Right	0.83	33ft
Sidewalk Width		Left		Right		
Clear Roadway (Rail to Median)		Left		Right		
Guardrail Width		Left	1ft	Right	1ft	
Top of Rail to Deck/Wearing Surface		Left	2.5ft	Right	2.5f	t
Bridge Rail		Left	Type 11	Right	Тур	e 11



Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	8ft	
2	Steel I Beam	8ft	
3	Steel I Beam	8ft	
4	Steel I Beam	ft	

SIMILAR BEAM



FLANGES= 13/16" WEBS= 0.642" COVERPLATES= 0.589"H X 10"W

MEASUREMENTS VERIFIED 05/09/2019 BY JTE
MEASUREMENTS VERIFIED BY RLK 5/9/17
MEASUREMENTS UPDATED 5/19/2015 BY DRW

Title		Descri	ption		
SUPERSTRUCTURE			SIMILAR SECTION		
Bridge No: 770152	Drawn By: RJH		Date: 06/14/2006	File Name: \$0258000091	