

DIVISION OF HIGHWAYS STRUCTURE MANAGEMENT UNIT

Structure Safety Report

Routine Element Inspection

COUNTY: ROBESON	STRUCTURE NUMBER: 77016	7	FREQUENCY: 24 MONTHS
FACILITY CARRIED: SR1723			MILE POST: 36.4
LOCATION: 0.3 MI W JCT SR1904			
FEATURE INTERSECTED: 195			
LATITUDE: <u>34° 52' 50.04"</u>	LONGITUDE:	78° 57' 42.05"	
SUPERSTRUCTURE: RC FLOOR	/PPC GDRS & PPC CORED SL	AB	
SUBSTRUCTURE: E.BTS:RC CAPS	S/PPC PILES; INT.BTS:RCP&B	;BT.3/PILE FTG.	
SPANS: 1@52'6;2@55';1@52'6			
		SCOUR CRITICAL	SCOUR PLAN OF ACTION
PRESENT CONDITION: Good	I	NSPECTION DATE: 11/0	8/2017
POSTED SV: Not Posted		POSTED TTST: Not P	osted
OTHER SIGNS PRESENT: NONE			



LOOKING EAST

INSPECTED BY	SIGNATURE	R. P.11	ASSISTED BY	John Britt
Ray L. Kisner		Maj L. Husmen		

Structure Element Scoring

Structure Number: 770167

Inspection Date 11/8/2017

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	2784	2782	2	0	0
15	0	Prestressed Concrete Top Flange	Beam	2970	2970	0	0	0
104	0	Prestressed Concrete Closed Web/Box Gir	Beam	990	990	0	0	0
109	0	Prestressed Concrete Open Girder/Beam	Beam	404	400	4	0	0
205	0	Reinforced Concrete Column	Piles and Columns	6	6	0	0	0
215	0	Reinforced Concrete Abutment	Abutments	60	60	0	0	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	2	2	0	0	0
226	0	Prestressed Concrete Pile	Piles and Columns	2	2	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	155	155	0	0	0
301	0	Pourable Joint Seal	Expansion Joints	0	0	0	0	0
310	0	Elastomeric Bearing	Bearing Device	36	36	0	0	0
311	0	Movable Bearing	Bearing Device	16	16	0	0	0
515	311	Steel Protective Coating	Bearing Device	32	32	0	0	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	432	414	18	0	0
510	0	Wearing Surface	Wearing Surfaces	5160	5052	0	108	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 770167

Inspection Date: 11/08/2017

MMS Code	Element Name	Defect Name	Recommended Quantity
3318	Reinforced Concrete Bridge Railing	Delamination/Spall	18 Feet
2816	Wearing Surface	Crack (Wearing Surface)	108 Square Feet

Element Structure Maintenance Quantities

Structure Number: 770167 Inspection Date 11/08/201						<u>2017</u>		
Location	MMS Code	Description	Maint Quantity	Total Quantity	Severe Quantity	Poor Quantity	Fair Quantity	Good Quantity
Abutments	3350	Maintenance of Concrete Wings and Wall	0	60	0	0	0	60
Beam	3306	Maintenance Concrete Superstructure Components	0	1394	0	0	4	1390
Beam	3326	Maintenance of Concrete Deck	0	2970	0	0	0	2970
Bearing Device	3334	Bridge Bearing	0	52	0	0	0	52
Bearing Device	3342	Clean and Paint Steel	0	32	0	0	0	32
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	18	432	0	0	18	414
Caps	3348	Maintenance of Concrete Substructure	0	155	0	0	0	155
Deck	3326	Maintenance of Concrete Deck	0	2784	0	0	2	2782
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	0	0	0	0	0
Footing	3348	Maintenance of Concrete Substructure	0	2	0	0	0	2
Piles and Columns	3348	Maintenance of Concrete Substructure	0	8	0	0	0	8
Wearing Surfaces	2816	Asphalt Surface Repair	108	5160	0	108	0	5052

Element Condition and Maintenance Data

	inbel. <u>110101</u>							
Span	1	Deck						
Reinfo	orced Concrete	Deck						
Eleme Numb 12	nt er Reinfor	Element Name ced Concrete Deck	Total Qty 1,392	CS1 Qty 1,390	CS2 Qty 2	CS3 Qty 0	CS4 Qty 0 Se	quare Feet
Element		Defect Descript	lian		<u></u>	CE 041	Maint	
Number	Defect Type			SPAN	2		Qty	Square Feet
Ge	eneral Comments				_			
Span	1	Beam 1						
Prestr	ressed Concret	e Girder						
Eleme Numb 109	nt er Prestre	Element Name ssed Concrete Open Girder/Beam	Total Qty 50	CS1 Qty 48	CS2 Qty 2	CS3 Qty 0	CS4 Qty 0 Fe	eet
Element	Defect Type	Defect Descript	tion		cs	CS Qty	Maint	
Numbor				1	2	2	QLY	Feet
109 P Ge	atched Area	Wearing Surfa	ace		2			
Number 109 <u>P</u> Ge Span Aspha Eleme	eneral Comments 1 alt Wearing Sur nt	Wearing Surfa	ace Total	CS1	CS2	CS3	CS4	
Number 109 P Ge Span Aspha Eleme Numb 510	eneral Comments 1 alt Wearing Sur nt er Wearin	Wearing Surfa face Element Name g Surface	ace Total Qty 1,260	CS1 Qty 1,206	CS2 Qty 0	CS3 Qty 54	CS4 Qty 0 Si	quare Feet
Number 109 P Ge Span Aspha Eleme Numb 510 Element	Patched Area Peneral Comments 1 alt Wearing Sur nt er Wearin Defect Type	Wearing Surfa face Element Name g Surface Defect Descript	ace Total Qty 1,260	CS1 Qty 1,206	CS2 Qty 0 CS	CS3 Qty 54	CS4 Qty 0 St Maint	quare Feet
Number 109 P Ge Span Aspha Elemen 510 Element Number 510 C S	eneral Comments alt Wearing Sur nt er Defect Type Crack (Wearing burface)	Wearing Surfa face Element Name g Surface Defect Descript 1/4" WIDE TRANSVERSE CRACK OV	ace Total Qty 1,260 tion /ER BENT 1	CS1 Qty 1,206	CS2 Qty 0 CS 3	CS3 Qty 54 CS Qty 27	CS4 Qty 0 Si Maint Qty 27	quare Feet Square Feet
Number 109 P Ge Span Aspha Eleme Number 510 C 510 S 510 C S	Patched Area Peneral Comments 1 alt Wearing Sur nt er Defect Type Crack (Wearing Surface)	Wearing Surfa face Element Name g Surface Defect Descript 1/4" WIDE TRANSVERSE CRACK OV 1/8" WIDE TRANSVERSE CRACK OV	ace Total Qty 1,260 tion /ER BENT 1 /ER END BENT	CS1 Qty 1,206	CS2 Qty 0 CS 3 3	CS3 Qty 54 CS Qty 27 27	CS4 Qty 0 St Maint Qty 27 27	quare Feet Square Feet Square Feet
Number 109 P Ge Span Aspha Eleme Number 510 C 510 C S 510 C S 510 C S Ge	atched Area eneral Comments 1 alt Wearing Sur nt er Wearin Defect Type Crack (Wearing Surface) Crack (Wearing Surface) Eneral Comments	Wearing Surfa face Element Name g Surface Defect Descript 1/4" WIDE TRANSVERSE CRACK OV 1/8" WIDE TRANSVERSE CRACK OV	ace Total Qty 1,260 tion /ER BENT 1 /ER END BENT	CS1 Qty 1,206	CS2 Qty 0 CS 3 3	CS3 Qty 54 CS Qty 27 27	CS4 Qty 0 Si Maint Qty 27 27	quare Feet Square Feet Square Feet
Number 109 P Ge Span Aspha Eleme Number 510 C 510 C S 510 C S 6e Span Concr	Patched Area Peneral Comments 1 alt Wearing Sur nt er Defect Type Crack (Wearing Surface) Crack (Wearing Surface) Crack (Wearing Surface) Peneral Comments 1 rete Railing	Wearing Surfa face Element Name g Surface Defect Descript 1/4" WIDE TRANSVERSE CRACK OV 1/8" WIDE TRANSVERSE CRACK OV	ace Total Qty 1,260 tion /ER BENT 1 /ER END BENT	CS1 Qty 1,206	CS2 Qty 0 CS 3 3	CS3 Qty 54 CS Qty 27 27	CS4 Qty 0 St Maint Qty 27 27	quare Feet Square Feet Square Feet
Number 109 P Ge Span Aspha Eleme Number 510 C 510 C S 510 C S 510 C S 6 Span Concr Eleme Number	eneral Comments 1 alt Wearing Sur nt er Defect Type Crack (Wearing Surface) Crack (Wearing Surface) Eneral Comments 1 rete Railing nt er	Wearing Surfa face Element Name g Surface Defect Descript 1/4" WIDE TRANSVERSE CRACK OV 1/8" WIDE TRANSVERSE CRACK OV Left Bridge Ra	ace Total Qty 1,260 tion /ER BENT 1 /ER END BENT /ER END BENT ail	CS1 Qty 1,206	CS2 Qty 0 CS 3 3 CS2 Qty	CS3 Qty 54 CS Qty 27 27	CS4 Qty 0 S Maint Qty 27 27 27	quare Feet Square Feet Square Feet
Number 109 P Ge Span Aspha Eleme Number 510 C 510 C S 510 C S 510 C S 6e Span Concr Eleme Numbu 331	eneral Comments 1 alt Wearing Sur nt er Defect Type Crack (Wearing Surface) C	Wearing Surfa face Element Name g Surface Defect Descript 1/4" WIDE TRANSVERSE CRACK OV 1/8" WIDE TRANSVERSE CRACK OV Left Bridge Railing	ace Total Qty 1,260 tion /ER BENT 1 /ER END BENT ail Total Qty 53	CS1 Qty 1,206	CS2 Qty 0 CS 3 3 2 CS2 Qty 0	CS3 Qty 54 CS Qty 27 27 27	CS4 Qty 0 Sr 27 27 27 27	quare Feet Square Feet Square Feet

SPAN 1 LEFT RAIL HAS EXPOSED AGGREGATE

Structure Number: 770167 Inspection Date: 11/08/2017 **Right Bridge Rail** Span 1 **Concrete Railing** CS1 CS2 CS4 Element Total CS3 Number **Element Name** Qty Qty Qty Qty Qty 331 Reinforced Concrete Bridge Railing 53 35 18 0 0 Feet Element Maint **Defect Type Defect Description** cs CS Qty Number Qty SURFACE SPALLS 18 WITH EXPOSED REBAR IN RIGHT 331 Delamination/Spall 2 18 18 Feet CURB **General Comments** SPAN 1 RIGHT RAIL 35 FT OF EXPOSED AGGREGATE Span 2 Wearing Surface Asphalt Wearing Surface Element CS2 CS4 Total CS1 CS3 Number **Element Name** Qty Qty Qty Qty Qty 510 Wearing Surface 1,320 1,293 0 27 0 Square Feet Element Maint CS Qty cs **Defect Type Defect Description** Number Qty Crack (Wearing 1/8" WIDE TRANSVERSE CRACK OVER BENT 2 3 27 510 27 Square Feet Surface) **General Comments** Span 3 Wearing Surface **Asphalt Wearing Surface** Element CS1 CS2 CS4 Total CS3 Number **Element Name** Qty Qty Qty Qty Qty 510 Wearing Surface 1,320 1,293 27 0 Square Feet 0 Element Maint **Defect Type Defect Description** CS CS Qty Number Qty 3/16" WIDE TRANSVERSE CRACK OVER BENT 3 510 Crack (Wearing 3 27 27 Square Feet Surface) **General Comments** Span 4 Beam 1 **Prestressed Concrete Girder** Element Total CS1 CS2 CS3 CS4 Number **Element Name** Qty Qty Qty Qty Qty 109 0 Feet Prestressed Concrete Open Girder/Beam 51 51 0 0 Maint Element cs CS Qty **Defect Type Defect Description** Number Qty General Comments Span 4 Beam 4 Prestressed Concrete Girder Element Total CS1 CS2 CS3 CS4 **Element Name** Number Qty Qty Qty Qty Qty 109 Prestressed Concrete Open Girder/Beam 2 0 Feet 51 49 0 Element Maint **Defect Description** CS CS Qty Defect Type Number Qty

Structure Number: 770167

109 Patched Area

SOUND PATCH IN BOTTOM FLANGE NEAR END AT BENT 2 3, PRIORITY MAINTENANCE REPAIR. 2 Feet

General Comments

Span 4		Left Bridge Rai	1					
Concret	e Railing							
Element Number 331	Ele Reinforced Conc	ment Name rete Bridge Railing	Total Qty 53	CS1 Qty 53	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0 Feet	
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
Gene	ral Comments							
:	SPAN 4 LEFT RAIL HAS E	XPOSED AGGREGATE						
Span 4		Right Bridge R	ail					
Concret	e Railing							
Element Number	Ele	ment Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
331	Reinforced Conci	ete Bridge Railing	53	53	0	0	0 Feet	
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	
Gene	ral Comments							
!	SPAN 4 RIGHT RAIL HAS	EXPOSED AGGREGATE						
End Ber	nt 1	Cap 1						
Reinford	ced Concrete Pier Ca	ıp						
Element Number 234	Ele Reinforced Conc	ment Name rete Pier Cap	Total Qty 31	CS1 Qty 31	CS2 Qty	CS3 Qty 0	CS4 Qty	
Flement				01		Ŭ	Maint	
Number	Defect Type	Defect Description	on		CS	CS Qty	Qty	
Gene	eral Comments END BENT PILES NOT VIS	SIBLE DUE TO SLOPE PROTEC	TION, PLANS I	NOT VISIE	BLE			
End Ber	nt 2	Cap 1						
Reinford	ced Concrete Pier Ca	ip						
Element Number	Ele	ment Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	
234	Reinforced Conci	rete Pier Cap	31	31	0	0	0 Feet	
Element Number	Defect Type	Defect Description	on		CS	CS Qty	Maint Qty	

END BENT PILES NOT VISIBLE DUE TO SLOPE PROTECTION, PLANS NOT VISIBLE

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1392
Span 1	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	50
Span 1	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	50
Span 1	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	50
Span 1	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	50
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	53
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	53
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1260
Span 1	Near Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 1	Near Bearing	Movable Bearing	Movable Bearing	1
Span 1	Far Bearing	Movable Bearing	Movable Bearing	1
Span 2	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 2	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 2	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 2	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 2	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 2	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 2	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 2	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 2	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 2	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 2	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 2	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 2	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 2	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 2	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 2	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 2	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 2	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1320
Span 2	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 2	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 2	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 2	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 2	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 2	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 2	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 2	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 2	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 2	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 2	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 2	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 2	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 2	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 2	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 2	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 2	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 2	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 3	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 3	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 3	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 3	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 3	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 3	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 3	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 3	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 3	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 3	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 3	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 3	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 3	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 3	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 3	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 3	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	165
Span 3	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	55
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	55
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1320
Span 3	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
	1	I	I	

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 3	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Far Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 3	Near Bearing	Elastomeric Bearing Pad	Elastomeric Bearing	1
Span 4	Deck	Reinforced Concrete Deck	Reinforced Concrete Deck	1392
Span 4	Beam 1	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	51
Span 4	Beam 2	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	51
Span 4	Beam 3	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	51
Span 4	Beam 4	Prestressed Concrete Girder	Prestressed Concrete Open Girder/Beam	51
Span 4	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	53
Span 4	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	53
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1260
Span 4	Far Bearing	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Span 4	Far Bearing	Movable Bearing	Movable Bearing	1
Span 4	Near Bearing	Movable Bearing	Movable Bearing	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	31
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	31
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	30
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	31
Bent 2	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 2	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	31
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	30
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	31
Bent 3	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1

General Inspection Notes

Bent 1	Cap 1
END BENT PILES NOT	VISIBLE DUE TO SLOPE PROTECTION, PLANS NOT VISIBLE
Bent 2	Cap 1
END BENT PILES NOT	VISIBLE DUE TO SLOPE PROTECTION, PLANS NOT VISIBLE
Span 1	Left Bridge Rail
SPAN 1 LEFT RAIL HA	AS EXPOSED AGGREGATE
Span 4	Beam 1
Span 4	Left Bridge Rail
SPAN 4 LEFT RAIL HA	AS EXPOSED AGGREGATE
Span 4	Right Bridge Rail
SPAN 4 RIGHT RAIL H	IAS EXPOSED AGGREGATE

National Bridge and NC Inspection Items

Structure Number: 770167

Inspection Date: 11/08/2017

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	8
Item 59: Superstructure	0 - 9 , N	7
Item 60: Substructure	0 - 9 , N	7
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	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	F	6	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			
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
Regulatory Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	N
Inspection Time	Hours	8
Traffic Control Time	Hours	
Snooper Time	Hours	
Ladder Used	YES/NO	Y
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

ructure Numb	Der: 770167		Ir	spection Date: 11/08/201
Item	Superstructure - Item 59	Grade 7	Maint Code	Qty. 0
Details	SPAN 4 BEAM 4 NEAR BEARING CLEANED ARE SIMILAR	AND COATED WITH BLAC	K MAX, ALL BEARINGS	IN SPANS 1 AND 4
Item	Slope Protection	Grade F	Maint Code 3352	Qty. 6
Details	END BENT 1 TOP OF SLOPE AT BAY 1 6 F	ITUDINAL CRACK		
Item	General Comments and Misc Items	Grade	Maint Code	Qty. 0
Detaile				

Details SPAN 1 BEAM 1 PRIORITY MAINTENANCE REPAIRED, SPAN 4 BEAM 4 PRIORITY MAINTENANCE REPAIRED, ALL BEARINGS IN SPANS 1 AND 4 HAVE BEEN CLEANED AND COATED WITH BLACK MAX COATING

County: ROBESON

Date: 11/08/2017

Condition Photos



Span 4 Beam 4: SOUND PATCH IN BOTTOM FLANGE NEAR END AT BENT 3, PRIORITY MAINTENANCE REPAIR.



Span 1 Deck: RIGHT DECK OVERHANG SOUND PATCH AT MID SPAN

County: ROBESON

Date: 11/08/2017

Condition Photos



SPAN 1 BEAM 4 FAR BEARING CLEANED AND PAINTED WITH BLACK MAX, ALL BEARINGS IN SPANS 1 AND 4 SIMILAR



END BENT 1 TOP OF SLOPE AT BAY 1 6 FT. LONG X 1/4" WIDE LONGITUDINAL CRACK

Date: 11/08/2017

Condition Photos



Span 1 Wearing Surface: 1/8" WIDE TRANSVERSE CRACK OVER END BENT 1



Span 1 Right Bridge Rail: SURFACE SPALLS 18 WITH EXPOSED REBAR IN RIGHT CURB

County: ROBESON

Date: 11/08/2017

Condition Photos



SPAN 1 RIGHT RAIL 35 FT OF EXPOSED AGGREGATE



SPAN 1 LEFT RAIL HAS EXPOSED AGGREGATE

County: ROBESON

Date: 11/08/2017

Condition Photos



Span 1 Wearing Surface: 1/4" WIDE TRANSVERSE CRACK OVER BENT 1



Span 2 Wearing Surface: 1/8" WIDE TRANSVERSE CRACK OVER BENT 2

County: ROBESON Structure: 770167 Date: 11/08/2017 **Condition Photos**

Span 3 Wearing Surface: 3/16" WIDE TRANSVERSE CRACK OVER BENT 3



SPAN 4 RIGHT RAIL HAS EXPOSED AGGREGATE

County: ROBESON

Date: 11/08/2017

Condition Photos



SPAN 4 LEFT RAIL HAS EXPOSED AGGREGATE



Span 1 Beam 1: SOUND PATCH FAR END ON BAY1 SIDE AT BENT 1



NORTH END OF BENT 3 CAP



SPAN 4 BEAM 4 NEAR BEARING CLEANED AND COATED WITH BLACK MAX, ALL BEARINGS IN SPANS 1 AND 4 ARE SIMILAR

County: ROBESON

Date: 11/08/2017

Structure Photos



END BENT 2



SPAN 4 BEAM 4 FAR BEARING, ALL BEARINGS IN SPANS 1 AND 4 ARE SIMILAR

County: ROBESON

Date: 11/08/2017

Structure Photos



SPAN 4 SUPERSTRUCTURE, SPAN 1 SIMILAR



County: ROBESON

Date: 11/08/2017

Structure Photos



BENT 2



SPAN 3 SUPERSTRUCTURE, SPAN 2 SIMILAR

Structure Photos



SOUTH PROFILE



LOOKING NORTH, NORTHBOUND LANE I- 95 THRU SPAN 3

Structure Photos



SOUTH END OF BENT 2 CAP



CONSTRUCTION JOINT IN BENT 2 CAP

County: ROBESON

Date: 11/08/2017

Structure Photos



NORTH PROFILE



LOOKING SOUTH, SOUTHBOUND LANE I-95 THRU SPAN 2

County: ROBESON

Date: 11/08/2017

Structure Photos



BENT 1





SIMILAR RAIL / FENCE CONNECTION



GUARDRAIL END TERMINAL

Structure Photos



GUARDRAIL POST SPACING AT MIDPORTION



LOOKING EAST

Structure Photos



GUARDRAIL POST SPACING AT BRIDGE



DATA PLATE IN RAIL AT SOUTHWEST CORNER

County: ROBESON

Date: 11/08/2017

Structure Photos



GUARDRAIL CONNECTION



LOOKING WEST, OFF BRIDGE

County: ROBESON

Date: 11/08/2017

Structure Photos



LOOKING EAST, OFF BRIDGE



LOOKING NORTH, I- 95



LOOKING WEST

NATIONAL BRIDGE INVENTORY------ STRUCTURE INVENTORY AND APPRAISAL Run Date: 04/20/2018

IDE	NTIFICATION		
(1) STATE NAME -NORTH CAROLINA	I	BRIDGE	770167
(8) STRUCTURE NUMBER(FEDERAL)		0000000	01550167
(5) INVENTORY ROUTE (ON/UNDER)	- ON		31017230
(2) STATE HIGHWAY DEPARTMENT D	DISTRICT		1
(3) COUNTY CODE 155	(4) PLACE COI	DE	0
(6) FEATURE INTERSECTED - 195			
(7) FACILITY CARRIED SR1723			
(9) LOCATION 0.3 MI W JCT SR	1904		
(11)MILEPOINT			36.4
(16)LAT 34° 52' 50.04"	(17)LONG	78° 57' 42.05"	
(98)BORDER BRIDGE STATE CODE		PCT SHARE	
(99)BORDER BRIDGE STRUCTURE N	0		
STRUCTURE T	YPE AND MAT		
(43) STRUCTURE TYPE MAIN: Prestr	essed Concrete		
TYPE - Slab		CC	DE 501

(44) STRUCTURE TYPE APPR : Prestressed Concrete		
TYPE - Stringer Mutlibeam or Girder	CODE	502
(45) NUMBER OF SPANS IN MAIN UNIT		2
(46) NUMBER OF APPROACH SPANS		2
(107)DECK STRUCTURE TYPE - 2	CODE	
(108)WEARING SURFACE / PROTECTIVE SYSTEM :		
(A) TYPE OF WEARING SURFACE -	CODE	
(B) TYPE OF MEMBRANE -	CODE	
(C) TYPE OF DECK PROTECTION -	CODE	

AGE AND SERVICE		
(27) YEAR BUILT		1959
(106)YEAR RECONSTRUCTED		
(42) TYPE OF SERVICE : ON - Highway		
UNDER - Highway	CODE	11
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE		4
(29) AVERAGE DAILY TRAFFIC		2500
(30) YEAR OF ADT 2012 (109) TRUCK ADT PCT		6%
(19) BYPASS OR DETOUR LENGTH		4 MI
GEOMETRIC DATA		
(48) LENGTH OF MAXIMUM SPAN		54 FT
(49) STRUCTURE LENGTH	2	15 FT
(50)CURB OR SIDEWALK: LEFT 1.125 FT RIGHT	1.1	25 FT
(51) BRIDGE ROADWAY WIDTH CURB TO CURB		24 FT
(52) DECK WIDTH OUT TO OUT	28.5 FT	
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)	21 FT	
(33) BRIDGE MEDIAN - No Median	CODE	0
(34) SKEW 10° (35) STRUCTURE FLARED		0
(10) INVENTORY ROUTE MIN VERT CLEAR	999	9.9 FT
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	:	24 FT
(53) MIN VERT CLEAR OVER BRIDGE RDWY	999	9.9 FT
(54) MIN VERT UNDERCLEAR REF Highway	16.4	17 FT
(55) MIN LAT UNDERCLEAR RT REF Highway	9.1	67 FT
(56) MIN LAT UNDERCLEAR LT REF -	17.0	42 FT
(38) NAVIGATION CONTROL - Not Applicable	CODE	N
(111)PIER PROTECTION -	CODE	
(39) NAVIGATION VERTICAL CLEARANCE		0
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR		FT
(40) NAVIGATION HORIZONTAL CLEARANCE		0 FT

SUFFICIENCY RATING =

STATUS = Functionally Obsolete

	1	CLASSIFICATION	CODE
	0	(112)NBIS BRIDGE SYSTEM -	YES
		(104)HIGHWAY SYSTEM Is not on NHS	0
		(26) FUNCTIONAL CLASS - Local	09
		(100)STRAHNET HIGHWAY - Not a STRAHNET Route	0
	36.4	(101) PARALLEL STRUCTURE - No Parallel Structure	N
05"		(102)DIRECTION OF TRAFFIC - 2-way Traffic	2
RE		(103)TEMPORARY STRUCTURE -	
		(110) DESIGNATED NATIONAL NETWORK - Not on the National Network	0
		(20) TOLL On Free Road	3
		(31) MAINTAIN - State Highway Agency	01
		(22) OWNER - State Highway Agency	01
CODE	501	(37) HISTORICAL SIGNIFICANCE - Not Eligible	5

CONDITION	CODE ·
(58) DECK	8
(59) SUPERSTRUCTURE	7
(60) SUBSTRUCTURE	7
(61) CHANNEL & CHANNEL PROTECTION	Ν
(62) CULVERTS	Ν
LOAD RATING AND POSTING	CODE ·
(31) DESIGN LOAD HS 20 + MOD	6
(63) OPERATING RATING METHOD - Load Factor	1
(64) OPERATING RATING - HS-38	68
(65) INVENTORY RATING METHOD - Load Factor	1
(66) INVENTORY RATING - HS-22	40
(70) BRIDGE POSTING - No Posting Required	5
(41) STRUCTURE OPEN, POSTED ,OR CLOSED	А
DESCRIPTION - Open, No Restriction	
APPRAISAL	CODE
(67) STRUCTURAL EVALUATION	7
(68) DECK GEOMETRY	2
(69) UNDERCLEARANCES, VERTI & HORIZ	3
(71) WATERWAY ADEQUACY	N
(72) APPROACH ROADWAY ALIGNMENT	8
(36) TRAFFIC SAFETY FEATURES	0010
(113)SCOUR CRITICAL BRIDGES	N
PROPOSED IMPROVEMENTS	
(75) TYPE OF WORK - CODE	
(76) LENGTH OF STRUCTURE IMPROVEMENT	
(94) BRIDGE IMPROVEMENT COST	
(95) ROADWAY IMPROVEMENT COST	
(96) TOTAL PROJECT COST	
(97) YEAR OF IMPROVEMENT COST ESTIMATE	
(114)FUTURE ADT 5000 (115) YEAR FUTURE ADT	2025
(90) INSPECTION DATE	1/08/2017
	,00/2017

NO

NO

B)

C)

B) UNDERWATER INSP -

C) OTHER SPECIAL INSP

SCOUR

73.97

Structure No: 770167

County: ROBESON

Run Date:

			rtical		~			u			Traffic	ince	9	See Not	e 1					ute
Span Number	Feature Intersected	Inventory Route	Minimum Maximum Ve Clearance	Milepoint	Base Highway Network	LRS Inventory Route	Toll	Functional Classificatic	Numer of Lanes	Average Daily Traffic	Year of Average Daily	Total Horizontal Cleara	Reference Feature	Minimum Vertical Underclearance	Right Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade	STRAHNET Highway	Direction of 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	195S	11000950	16.08	36.40	1	10095		1	2	19500	2013	46.88	Н	16	9.21	16.25	9	1	1	1
3	195N	11000950	16.5	36.40	1	10095		1	2	19500	2013	47.17	Н	16.42	9.17	17.04	9	1	1	1

Note 1: Items 54, 55, and 56 are not reported FHWA under route data points but are collected for each under route to determine the minimum value for Underclearance Appraisal Item 69. The under route that generates the lowest Underclearance Appraisal value will be reported on the Facility Carried record.

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE	Run Date: 04/20/2018
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COUN RC	ITY : DBESON			DIVISION 6	: DIS	TRICT: 1	STR	JCTURE	NUMBER : 70167		LENG	TH : 215	FEET
ROUT	E CARRIED :	SR172	3		F	EATURE	INTERSE	CTED :	195				
LOCA	TED : 0.3 MI W	/ JCT SR	1904		BR	IDGE NAM	1E :			CITY :			
FUNC	. CLASS :	SYS	T.ON :	SYST.	UNDER :		ADT	& YR :		F	AIL TYPE	:	
	09		NFA			NFA		2500	2012	L	T 141	RT 14	11
BUILT 1	959	BY :	SHC	PRC)J : 8.13	962	FE	D.AID PR	ROJ : MD-095-1(78	DESIC	SN LOAD	: HS 20 + N	MOD
REHA	В:	BY : D	ОН	PROJ : 4192	27.3.1	ALIGNME	NT : TAN	SKE	W : 80	LANES : ON	2	UNDER	4
NAVIO	GATION : VC C) F1	г	HC 0	FT	HT. CR	N. TO BEI	D : 0	FT	WATER	DEPTH : 0)	FT
SUPE	RSTRUCTURE	E: R	C FLOOR	/PPC GDRS	& PPC CC	RED SLAI	В						
SUBS	TRUCTURE :	E.	BTS:RC (CAPS/PPC P	ILES; INT.	BTS:RCP&	&BBT.3/PI	LE FTG.					
SPAN	S :	10	@52'6;2@	55';1@52'6									
BEAM	S OR GIRDER	S :	SPN. A	&D, 4LNS. 3	36" PPC GI	DRS. SPN	. B&C, 9LM	NS. PPC C	CORED SLAB	SECTION	s		
FLOO	R : 8RC&PF 3" AWS	PCCS /		ENCROAC	CHMENT :			DEC	K (OUT TO O	UT) : 28.	5 FT		
CLEA	R ROADWAY :			BETWEEN	RAILS :			SIC	EWALK OR C	CURB :			
	2	24 FT				26.25 F	т		L	_T 1 F	.125 T	RT	1.125 FT
VERT 99	.CL.OVER : 9.9 FT												
INV.R	TG. : HS-22	OP	E.RTG. : H	C S-38	ONTR.ME	MBER : CS -	В	POSTE SV	ED : TTS	Т	DATE		
SYSTI Prima	EM : ary S.R. Route								GREEM	N LINE RO	UTE :	N	
UNDE	R ROUTES AN	ID CLEA	RANCES										
			Vertical	Clearances	Horizo	ontal Clear	ances						
Span	Route Desc	ription	MMVC	MVC	Total	Left	Right						
2	195S		16.083	60 16	46.8760	16.25	9.2090						
3	195N		16.5	16.4170	47.1670	17.0420	9.1670						

Note: All measurements are in feet.

Bridge Inspection Field Sketch

SR-1723 (PARKTON TOBERMORY ROAD)

MEASURED AT 15 FT. WEST OF STRUCTURE

Roadway	19.333ft Wide	2 Paved Lanes	Looking East
Left Shoulder	3.75ft Wide	0.833ft Paved	2.917ft Unpaved
Right Shoulder	2.708ft Wide	0.875ft Paved	1.833ft Unpaved
Left Guardrail	3.003ft from road		
Right Guardrail	2.708ft from road		

MEASUREMENTS VERIFIED BY RLK 12/13/11 MEASUREMENTS VERIFIED BY RLK 11/6/13

MEASUREMENTS VERIFIED BY RLK 11/16/15 MEASUREMENTS VERIFIED BY RLK 11/08/17

Title		Descri	ption	
APPROACH ROADWAY		LOOKI	NG EAST	
Bridge No: 770167	Drawn By: RLK		Date:1/26/2010	File Name: S0098000253

	Bridge Ins	pecti	on Field Ske	tch
	Deck Width/Out to Out	28.5ft	Wearing Surface	0.25ft
	Between Rails	26.25ft	Median Width	
	Curb Height	0.667ft	Median Height	
	Top Rail to Deck/Wearing Surface	ce 2.5ft	Left Guardrail Width	
	Clear Roadway	24ft	Right Guardrail Width	
	Left Bridge Rail	Type 14	Right Bridge Rail	Type 14
	Measurements for Span #	1	Span 4 similar	
	Deck Thickness	0.667	Left Overhang	3.75
	Top of Rail to Bottom of Beam	6.25	Right Overhang	3.75
				I
Beam No	Beam Type	Spacing	Comments	
4				
1	PPC Girder	7 ft.		
2	PPC Girder	7 ft. 7 ft.		
1 2 3	PPC Girder PPC Girder PPC Girder	7 ft. 7 ft. 7 ft.		
1 2 3 4 Notes: Spans	PPC Girder PPC Girder PPC Girder PPC Girder 2 & 3 has been changed	7 ft. 7 ft. 7 ft.	Slab 083 ft asphalt	has been added to dec
1 2 3 4 Notes: Spans P.P.C. Girders MEASUREMENTS	PPC Girder PPC Girder PPC Girder PPC Girder 2 & 3 has been changed are 3 ft. high. x 14" Wide S VERIFIED BY RLK 1/26/10 S VERIFIED BY RLK 1/26/10 S VERIFIED BY RLK 12/13/11 S VERIFIED BY RLK 12/13/11 S VERIFIED BY RLK 11/06/13 S REVISED BY RLK 11/06/13 S REVISED BY RLK 11/08/17 OUT TO OUT, DEC MENTS TAKEN AT E	7 ft. 7 ft. 7 ft. I to Cored Note: Note:	RHANGS 11/16/15	has been added to deo fence has been added
1 2 3 4 Notes: Spans P.P.C. Girders MEASUREMENTS MEASUREMENTS	PPC Girder PPC Girder PPC Girder PPC Girder 2 & 3 has been changed are 3 ft. high. x 14" Wide S VERIFIED BY RLK 1/26/10 S VERIFIED BY RLK 11/06/13 S REVISED BY RLK 11/08/17 OUT TO OUT, DEC MENTS TAKEN AT B	7 ft. 7 ft. 7 ft. I to Cored Note:	RHANGS 11/16/15 OR OF R.C. RAILS	has been added to deo fence has been added
1 2 3 4 Notes: Spans P.P.C. Girders MEASUREMENTS VOID 3	PPC Girder PPC Girder PPC Girder PPC Girder 2 & 3 has been changed are 3 ft. high. x 14" Wide S VERIFIED BY RLK 1/26/10 S VERIFIED BY RLK 12/13/11 S VERIFIED BY RLK 12/13/11 S VERIFIED BY RLK 11/6/13 S REVISED BY RLK 11/16/15 S REVISED BY RLK 11/08/17 OUT TO OUT, DEC MENTS TAKEN AT E	7 ft. 7 ft. 7 ft. I to Cored Note:	RHANGS 11/16/15 OR OF R.C. RAILS	has been added to deo fence has been added

	Bridge Ins	pecti	on Field Sket	ch
	Deck Width/Out to Out	28.5ft	Wearing Surface	.25 ft
	Between Rails	26.25ft	Median Width	
	Curb Height	0.667ft	Median Height	
	Top Rail to Deck/Wearing Surface	e 2.417ft	Left Guardrail Width	
	Clear Roadway	24ft	Right Guardrail Width	
	Left Bridge Rail	Type 14	Right Bridge Rail	Type 14
1				
	Measurements for Span #	2	SPAN 3 SIMILAR	
	Deck Thickness	1.5	Left Overhang	1
	Top of Rail to Bottom of Beam	4.083	Right Overhang	1
				1
	No of Slabs Slab Height	Slab	Vidth Comment	5
	9 15ft	3	ft.	<u> </u>
EASUREMEN IEASUREMEI	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15			
EASUREMEN MEASUREMEI	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15)		
EASUREMEN MEASUREMEI	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15)		
EASUREMEN //EASUREMEI	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15)		
	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15 VOIL		RHANGS 11/16/15	
	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15 VOIL OUT TO OUT , DECI		RHANGS 11/16/15	N
HANGEE	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15 VOIL O OUT TO OUT , DECI EMENTS TAKEN AT E) K OVE XTERI	RHANGS 11/16/15 OR OF R.C. RAILS	5
HANGEE	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15 VOIL OUT TO OUT , DECI EMENTS TAKEN AT E) K OVE XTERI	RHANGS 11/16/15 OR OF R.C. RAILS	3
HANGEE	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15 VOIL O OUT TO OUT , DECI EMENTS TAKEN AT E) K OVEI XTERI	RHANGS 11/16/15 OR OF R.C. RAILS	5
HANGEE	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15 VOIL OUT TO OUT , DECI EMENTS TAKEN AT E) XTERI	RHANGS 11/16/15 OR OF R.C. RAILS	5
HANGEE	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15 VOIL O OUT TO OUT , DEC EMENTS TAKEN AT E) K OVEI XTERI	RHANGS 11/16/15 OR OF R.C. RAILS	\$
HANGEE	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15 VOIL O OUT TO OUT , DECI EMENTS TAKEN AT E) XTERI	RHANGS 11/16/15 OR OF R.C. RAILS	5
HANGEE	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15 VOIL O OUT TO OUT , DECI EMENTS TAKEN AT E) XTERI	RHANGS 11/16/15 OR OF R.C. RAILS	\$
HANGEE	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15 VOIL O OUT TO OUT , DECI EMENTS TAKEN AT E) XTERI	RHANGS 11/16/15 OR OF R.C. RAILS	5
HANGE	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15 VOIC OUT TO OUT , DECI EMENTS TAKEN AT E) XTERI	RHANGS 11/16/15 OR OF R.C. RAILS	5
HANGEE	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15 VOIC O OUT TO OUT , DECI EMENTS TAKEN AT E) X OVEI XTERI	RHANGS 11/16/15 OR OF R.C. RAILS	5
	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15 VOIC OUT TO OUT , DECI EMENTS TAKEN AT E) X OVEI XTERI	RHANGS 11/16/15 OR OF R.C. RAILS	5
	IS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15 VOIC OUT TO OUT , DECI EMENTS TAKEN AT E) XTERI	RHANGS 11/16/15 OR OF R.C. RAILS Description Span 2	5
HANGE	TS VERIFIED BY RLK 11/6/13 NTS REVISED BY RLK 11/16/15 VOIC OUT TO OUT , DECI EMENTS TAKEN AT E) X OVEI XTERI	RHANGS 11/16/15 OR OF R.C. RAILS Description Span 2	



Title	Descri	ption	
SPAN 2 UNDERCLEARANCE	Span 2		
Bridge No: 770167 Drawn By: RLK		^{Date:} 11/16/2015	File Name:S0098000257

Bridge Inspection Field Sketch Span 3 2 3 NBL I-95 MP 36.4 4.5 FT 23.583 FT 9.917 FT 9.167 FT Roadway 1 **Direction of Traffic** North Distance to Left Rail 14.417FT Distance to Right Rail 9.167FT 17.042FT Distance to Left Toe of Slope Distance to Left Bent Distance to Right Toe of Slope Distance to Right Bent 10.417FT MMVC 16.5 Ft at Beam 9, 10 FT from 10' FROM RIGHT EDGE OF PAVEMENT MVC 16.417 Ft at Beam 9, 0 FT from MEASURED AT CENTERLINE OF PAVEMENT MEASUREMENTS VERIFIED BY RLK 11/08/17 Title Description Span 3 DUPLICATE VOID Bridge No: 770167 File Name: \$0098000258 Date:11/16/2015 Drawn By: RLK

		Bri	dge l	nsp	ectio	on Fi	eld S	ketc	h	
Cap In	nformation	Height	EBTS: PPC	PILES N Cast-in-F	IOT VISIBLE Place Conci Bight Over	DUE TO SL			Dight Beam to Eu	ad of Can
30.250	ft. 2.250 ft.	4.083 ft.	6.750	ft.	6.917 f	t.	3.500 ft.	iu oi Cap.	2.375 ft.	iu or Cap.
Subca	p Information		Material							
Lengt	th Width	Height	Left Overl	hang	Right Over	hang Left	Pile to Splic	ce.		
Sill Inf	ormation		Material							
Sill Infe Lengt	ormation th Width	Height	Material							
Sill Info Lengt Pile #	formation th Width Material	Height Spacing	Material Width/Dia.	Height	Length	Orientatio	on Driven?	Replacer	nent? Removed?	Collar?
Sill Inf Lengt Pile #	formation th Width Material Concrete	Height Spacing	Material Width/Dia. 2.5 ft.	Height	Length	Orientatio Vertical	on Driven?	Replacer No	nent? Removed?	Collar? No
Sill Inf Lengt Pile # 1 2	Formation th Width Material Concrete Concrete	Height Spacing 16.583 ft.	Material Width/Dia. 2.5 ft. 2.5 ft.	Height	Length	Orientatio Vertical Vertical	on Driven? No No	Replacer No No	nent? Removed? No No	Collar? No No
Sill Inf Lengt Pile # 1 2 MEASU MEASU MEASU	Formation th Width Material Concrete JREMENTS V UREMENTS V JREMENTS V JREMENTS V	Height Spacing 16.583 ft. ERIFIED I ERIFIED E ERIFIED E	Material Width/Dia. 2.5 ft. BY RLK 12, BY RLK 11, BY RLK 11, BY RLK 11,	Height /13/11 /6/13 /16/15 /08/17	Length	Orientation Vertical Vertical	on Driven? No No	Replacer No No	nent? Removed? No No	Collar? No No
Sill Info Lengt Pile # 1 2 MEASU MEASU MEASU	Tormation th Width Material Concrete Concrete JREMENTS V UREMENTS V JREMENTS V JREMENTS V JREMENTS V	Height Spacing 16.583 ft. ERIFIED I ERIFIED E ERIFIED E	Material Width/Dia. 2.5 ft. BY RLK 12, BY RLK 11, BY RLK 11, BY RLK 11, BY RLK 11,	Height /13/11 /6/13 /16/15 /08/17	NONE	Orientation Vertical Vertical	on Driven? No No	Replacer No No	nent? Removed? No No	Collar? No No
Sill Info Lengt Pile # 1 2 MEASU MEASU MEASU MEASU	Tormation th Width Material Concrete JREMENTS V UREMENTS V JREMENTS V JREMENTS V JREMENTS V JREMENTS V	Height Spacing 16.583 ft. ERIFIED I ERIFIED E ERIFIED E	Material Width/Dia. 2.5 ft. BY RLK 12, BY RLK 11, BY RLK 11, BY RLK 11, BY RLK 11, BY RLK 11,	Height /13/11 /6/13 /16/15 /08/17	NONE	Orientation Vertical Vertical	on Driven? No No No	Replacer No No	nent? Removed? No No	Collar? No No
Sill Info Lengt Pile # 1 2 MEASU MEASU MEASU MEASU MEASU	Tormation th Width Material Concrete Concrete JREMENTS V JREMENTS V	Height Spacing 16.583 ft. ERIFIED ERIFIED E ERIFIED E	Material Width/Dia. 2.5 ft. BY RLK 12 BY RLK 11 BY RLK 11/ BY RLK 11/ BY RLK 11/	Height /13/11 /6/13 /16/15 /08/17	NONE	Orientation Vertical Vertical Description BENT 2	on Driven? No No No	Replacer No No	nent? Removed? No No	Collar? No No

		Brie	dae Insp	ectio	on Fie	ld S	ketch		
			<u> </u>						
				SP3					
			SP4						
			► <u>20 1/2"</u>		ET.				
			1/4"		4.083				
			3		Ţ				
				39"					
Cap Ini	formation	11 1.1.4	Material Cast-in-I	Place Conc	rete				1. () ===
Lengu	h VViatn # 2,250 ft		Left Overnang	Right Ove	rhang Leπ в	eam to ⊨r	id of Cap. R	ight Beam to ⊨i	nd of Cap.
Subcar	o Information	4.000 n.	Material	0.017	n. .	.355 n.		4.107 ft.	
Subcar	0 mornadon		Matorial						
Lengt	h Width	Height	Left Overhang	Right Ove	rhang Left P	Pile to Splie	ce.		
Lengt	h Width prmation	Height	Left Overhang Material	Right Ove	rhang Left P	Pile to Splie	ce.		
Lengt Sill Info Lengtl	h Width prmation h Width	Height Height	Left Overhang Material	Right Ove	rhang Left P	Pile to Spli	ce.		
Lengt Sill Infc Lengtl Pile #	h Width prmation h Width Material	Height Height Spacing	Left Overhang Material Width/Dia. Height	Right Ove	rhang Left P	Pile to Splie	ce. Replacemen	t? Removed?	Collar?
Lengt Sill Info Lengtl Pile # 1	h Width ormation h Width Material Concrete	Height Height Spacing	Left Overhang Material Width/Dia. Height 2.5 ft.	Right Ove	rhang Left P Orientation Vertical	Pile to Splie Driven? No	ce. Replacemen No	t? Removed?	Collar? No
Lengt Sill Infc Lengtl Pile # 1 2	h Width ormation h Width Material Concrete Concrete	Height Height Spacing 16.583 ft.	Left Overhang Material Width/Dia. Height 2.5 ft. 2.5 ft.	Right Ove	Arhang Left P Orientation Vertical Vertical	Driven?	ce. Replacemen No No	t? Removed? No No	Collar? No No
Lengt Sill Infc Lengt Pile # 1 2 MEAS MEAS	h Width ormation h Width Material Concrete Concrete UREMENTS UREMENTS	Height Height Spacing 16.583 ft. VERIFIED /ERIFIED	Left Overhang Material Width/Dia. Height 2.5 ft. 2.5 ft. BY RLK 12/13/11 BY RLK 11/6/13	Right Ove	rhang Left P Orientation Vertical Vertical	Driven? No No	ce. Replacemen No No	t? Removed? No No	Collar? No No
Lengt Sill Infc Lengtl 1 2 MEAS MEAS	h Width ormation h Width Material Concrete Concrete UREMENTS UREMENTS	Height Height Spacing 16.583 ft. VERIFIED VERIFIED	Left Overhang Material Width/Dia. Height 2.5 ft. BY RLK 12/13/11 BY RLK 11/6/13 BY RLK 11/16/15	Right Ove	rhang Left P Orientation Vertical Vertical	Driven? No No	Replacemen No No	t? Removed? No No	Collar? No No
Lengt Sill Infc Lengtl 1 2 MEAS MEAS MEAS	h Width ormation h Width Material Concrete Concrete UREMENTS UREMENTS SUREMENTS	Height Height Spacing 16.583 ft. VERIFIED VERIFIED VERIFIED VERIFIED	Left Overhang Material Width/Dia. Height 2.5 ft. 2.5 ft. BY RLK 12/13/11 BY RLK 11/6/13 BY RLK 11/16/15 BY RLK 11/08/17	Right Ove	rhang Left P Orientation Vertical Vertical	Driven? No No	Replacemen No No	t? Removed? No No	Collar? No No
Lengt Sill Infc Lengtl 1 2 MEAS MEAS MEAS	h Width ormation h Width Material Concrete Concrete UREMENTS UREMENTS UREMENTS UREMENTS	Height Height Spacing 16.583 ft. VERIFIED VERIFIED VERIFIED VERIFIED	Left Overhang Material Width/Dia. Height 2.5 ft. 2.5 ft. BY RLK 12/13/11 BY RLK 11/6/13 BY RLK 11/16/15 BY RLK 11/08/17	Right Ove	rhang Left P Orientation Vertical Vertical	Driven? No No	Replacemen No No	t? Removed? No No	Collar? No No
Lengt Sill Infc Lengtl 1 2 MEAS MEAS MEAS	h Width ormation h Width Material Concrete Concrete UREMENTS UREMENTS SUREMENTS	Height Height Spacing 16.583 ft. VERIFIED VERIFIED VERIFIED VERIFIED	Left Overhang Material Width/Dia. Height 2.5 ft. 2.5 ft. BY RLK 12/13/11 BY RLK 11/6/13 BY RLK 11/16/15 BY RLK 11/08/17	Right Ove	rhang Left P Orientation Vertical Vertical	Driven? No No	Replacemen No No	t? Removed? No No	Collar? No No
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Lengt Sill Infc Lengtl 1 2 MEAS MEAS MEAS	h Width ormation h Width Material Concrete Concrete UREMENTS UREMENTS SUREMENTS SUREMENTS	Height Height Spacing 16.583 ft. VERIFIED VERIFIED VERIFIED	Left Overhang Material Width/Dia. Height 2.5 ft. 2.5 ft. BY RLK 12/13/11 BY RLK 11/6/13 BY RLK 11/16/15 BY RLK 11/08/17	Right Ove	rhang Left P Orientation Vertical Vertical	Driven? No No	Replacemen No No	t? Removed? No No	Collar? No No
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Lengt Sill Info Lengt 1 2 MEAS MEAS MEAS	h Width ormation h Width Material Concrete Concrete UREMENTS UREMENTS SUREMENTS SUREMENTS	Height Height Spacing 16.583 ft. VERIFIED VERIFIED VERIFIED	Left Overhang Material Width/Dia. Height 2.5 ft. 2.5 ft. BY RLK 12/13/11 BY RLK 11/6/13 BY RLK 11/16/15 BY RLK 11/08/17	Right Ove	rhang Left P Orientation Vertical Vertical	Driven? No No	Replacemen No No	t? Removed? No No	Collar? No No
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