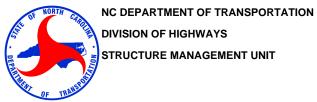
ATTENTION: PM ISSUED



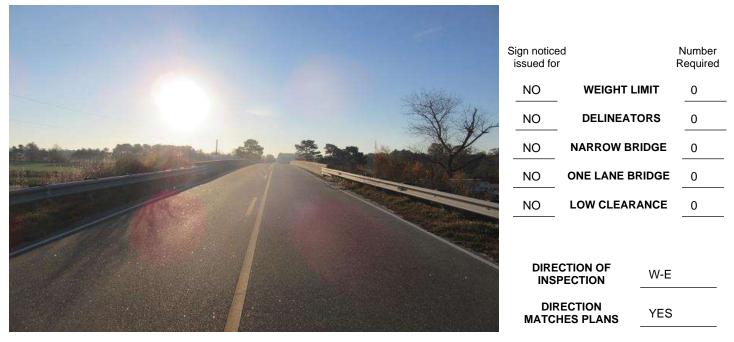
DIVISION OF HIGHWAYS

STRUCTURE MANAGEMENT UNIT

Structure Safety Report

Routine Element Inspection

COUNTY: ROBESON	STRUCTURE NUMBER: 77016	2	FREQUENCY: 24 MONTHS
FACILITY CARRIED: SR1726			
LOCATION: 0.8 MI E JCT US301			
FEATURE INTERSECTED: 195			
LATITUDE: <u>34° 50' 50.67"</u>	LONGITUDE:	78° 58' 11.08"	
SUPERSTRUCTURE: PRECAST	PRESTRESSED CONCRETE C	ORED SLAB, APPROA	CH SLABS
SUBSTRUCTURE: E.BTS:RC CAP	S ON PPC PILES, INT.BTS:RC	POST & BEAM, SPREA	D FOOTINGS
SPANS : <u>1@49'-0", 1@57'-10", 2</u>	@58'-0", 1@48'-8"		
		SCOUR CRITICAL	SCOUR PLAN OF ACTION
PRESENT CONDITION: Fair	I	NSPECTION DATE: 11/2	9/2017
POSTED SV: Not Posted		POSTED TTST: Not Po	osted
OTHER SIGNS PRESENT: NONE			



LOOKING EAST

INSPECTED BY	SIGNATURE	R. P. 1/2	ASSISTED BY	Debra Kristensen
Ray L. Kisner		Nay J. Risner		

Structure Element Scoring

Structure Number: 770162

Inspection Date <u>11/29/201</u> <u>7</u>

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
15	0	Prestressed Concrete Top Flange	Beam	7290	7290	0	0	0
104	0	Prestressed Concrete Closed Web/Box Gir	Beam	2430	2430	0	0	0
205	0	Reinforced Concrete Column	Piles and Columns	8	8	0	0	0
215	0	Reinforced Concrete Abutment	Abutments	72	72	0	0	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	32	32	0	0	0
226	0	Prestressed Concrete Pile	Piles and Columns	14	14	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	212	203	5	4	0
301	0	Pourable Joint Seal	Expansion Joints	0	0	0	0	0
310	0	Elastomeric Bearing	Bearing Device	90	90	0	0	0
321	0	Reinforced Concrete Approach Slabs	Approaches	853	853	0	0	0
331	0	Reinforced Concrete Bridge Railing	Bridge Rail	544	538	6	0	0
510	0	Wearing Surface	Wearing Surfaces	6500	6383	0	117	0

Summary of Maintenance Needs

Maintenance By Defect

Structure Number: 770162

Inspection Date: 11/29/2017

MMS Code	Element Name	Defect Name	Recommended Quantity
3348	Reinforced Concrete Pier Cap	Delamination/Spall	4 Feet
2816	Wearing Surface	Crack (Wearing Surface)	117 Square Feet

Element Structure Maintenance Quantities

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	72	0	0	0	72
Approaches	3353	Maintenance of Concrete Bridge Approach Slabs	0	853	0	0	0	853
Beam	3306	Maintenance Concrete Superstructure Components	0	2430	0	0	0	2430
Beam	3326	Maintenance of Concrete Deck	0	7290	0	0	0	7290
Bearing Device	3334	Bridge Bearing	0	90	0	0	0	90
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	0	544	0	0	6	538
Caps	3348	Maintenance of Concrete Substructure	4	212	0	4	5	203
Expansion Joints	3310	Maintenance of Standard Bridge Expansion Joints	0	0	0	0	0	0
Footing	3348	Maintenance of Concrete Substructure	0	32	0	0	0	32
Piles and Columns	3348	Maintenance of Concrete Substructure	0	22	0	0	0	22
Wearing Surfaces	2816	Asphalt Surface Repair	117	6500	0	117	0	6383

Element Condition and Maintenance Data

0	·· •	V							
Spar			Vearing Surface						
Aspl	halt Wearing	Surface							
Elem				Total	CS1	CS2	CS3	CS4	
Num 510		Element Name aring Surface		Qty 1,172	Qty 1,169	Qty 0	Qty 3	Qty	quare Feet
				1,172	1,105	0	5		
lement Iumber		e	Defect Description			CS	CS Qty	Maint Qty	
510	Crack (Wearing Surface)	1/8" WIDE TRANSVE WESTBOUND LANE	RSE CRACK OVER EN	ID BENT	⁻ 1 IN	3	3	-	Square Feet
C	General Commer	ts							
Spar	n 2	v	Vearing Surface						
Aspl	halt Wearing	Surface							
Elem				Total	CS1	CS2	CS3	CS4	
Num 510		Element Name aring Surface		Qty 1,388	Qty 1,364	Qty 0	Qty 24	Qty 0 St	quare Feet
				1,000	1,004	0	24		
lement lumber	Defe of True	e	Defect Description			CS	CS Qty	Maint Qty	
	Crack (Wearing	1/4" WIDE TRANSVE	RSE CRACK OVER BE	NT 1		3	24	-	Square Feet
	Surface)	1/4 WIDE TRANSVE	NOL ONAON OVEN BE						
_									
_	Surface)								
Ū	Surface) General Commen	ts							
Spar	Surface) General Commer	ts	Right Bridge Rail						
Spar	Surface) General Commen	ts							
Spar Cone Elerr	Surface) General Commer n 2 crete Railing nent	ts		Total	CS1 Otv	CS2	CS3	CS4	
Spar Cone	Surface) General Commer n 2 crete Railing nent nber	ts	Right Bridge Rail		CS1 Qty 58	CS2 Qty 0	CS3 Qty 0	CS4 Qty 0 F0	eet
Spar Cond Elem Num 331	Surface) General Commer n 2 crete Railing nent nber Re	ts R Element Name nforced Concrete Bridge Rai	Right Bridge Rail	Total Qty	Qty	Qty	Qty 0	Qty 0 Fe	eet
Spar Cond Elem Num 331	Surface) General Commer n 2 crete Railing nent nber Re	ts R Element Name nforced Concrete Bridge Rai	Right Bridge Rail	Total Qty	Qty	Qty	Qty	Qty	eet
Spar Cone Elem Num 331 Element	Surface) General Commer n 2 crete Railing nent nber Re	ts Element Name nforced Concrete Bridge Rai	Right Bridge Rail	Total Qty	Qty	Qty 0	Qty 0	Qty 0 Fe	eet
Cone Cone Elerr Num 331 Element Number	Surface) General Commer n 2 crete Railing nent ber Re t Defect Typ General Commer	ts Element Name nforced Concrete Bridge Rai e	Right Bridge Rail	Total Qty	Qty	Qty 0	Qty 0	Qty 0 Fe	eet
Spar Cone Elem Num 331 Element Number	Surface) General Commer n 2 crete Railing nent ber Re t Defect Typ General Commer	ts Element Name nforced Concrete Bridge Rai e ts	Right Bridge Rail	Total Qty	Qty	Qty 0	Qty 0	Qty 0 Fe	eet
Spar Cond Elem Num 331 Element Number C Spar Aspl Elem	Surface) General Commer n 2 crete Railing nent ber Re t Defect Typ General Commer n 3 halt Wearing S	ts Element Name nforced Concrete Bridge Rai e ts V Surface	Right Bridge Rail	Total Qty 58	Qty 58	Qty 0 CS CS2	Qty 0 CS Qty CS3	Qty 0 Fo Maint Qty CS4	eet
Spar Cond Elem Num 331 Element Number	Surface) General Commer n 2 crete Railing nent nber Re t Defect Typ General Commer n 3 halt Wearing S nent nber	ts Element Name nforced Concrete Bridge Rai e ts	Right Bridge Rail	Total Qty 58	Qty 58	Qty 0 CS	Qty 0 CS Qty	Qty 0 Fo Maint Qty CS4 Qty	eet
Spar Cone Eler Num 331 Element Number C Spar Aspl Eler Num 510	Surface) General Commer n 2 crete Railing nent nber Re t Defect Typ General Commer n 3 halt Wearing nent nber We	ts Element Name nforced Concrete Bridge Rai e ts V Surface Element Name aring Surface	Right Bridge Rail	Total Qty 58	Qty 58 CS1 Qty	Qty 0 CS CS2 Qty	Qty 0 CS Qty CS3 Qty 39	Qty 0 Fo Maint Qty CS4 Qty 0 So Maint	
Spar Cone Elem Num 331 Element Number C Spar Aspl Elem Num 510 Element Number 510	Surface) General Commer n 2 crete Railing nent nber Re t Defect Typ General Commer n 3 halt Wearing nent nber We	ts R Element Name nforced Concrete Bridge Rai e ts V Surface Element Name aring Surface e	Right Bridge Rail	Total Qty 58 Total Qty 1,388	Qty 58 CS1 Qty 1,349	Qty 0 CS CS2 Qty 0	Qty 0 CS Qty CS 3 Qty	Qty 0 Fo Maint Qty CS4 Qty 0 So Maint Qty	

Structure Number: 770162 Inspection Date: 11/29/2017 Wearing Surface Span 4 **Asphalt Wearing Surface** CS1 CS2 CS3 CS4 Element Total **Element Name** Qty Qty Qty Number Qty Qty 510 Wearing Surface 1,388 1,364 0 24 0 Square Feet Element Maint **Defect Type Defect Description** cs CS Qty Number Qty 3/16" WIDE TRANSVERSE CRACK OVER BENT 3 510 Crack (Wearing 3 24 24 Square Feet Surface) **General Comments** Span 4 Left Bridge Rail **Concrete Railing** Element Total CS1 CS2 CS3 CS4 **Element Name** Number Qty Qty Qty Qty Qty 331 Reinforced Concrete Bridge Railing 52 6 0 0 Feet 58 Element Maint **Defect Type Defect Description** CS CS Qty Number Qty 331 Cracking (RC and HAIRLINE MAP CRACKING AT BENT 3 2 6 Feet Other) **General Comments** Span 5 Wearing Surface **Asphalt Wearing Surface** Element Total CS1 CS2 CS3 CS4 Number **Element Name** Qty Qty Qty Qty Qty 0 Square Feet 510 Wearing Surface 1,164 1,137 0 27 Element Maint Defect Type **Defect Description** CS CS Qty Qty Number Crack (Wearing 1/4" WIDE TRANSVERSE CRACK OVER BENT 4 3 24 Square Feet 510 24 Surface) Crack (Wearing 1/8" WIDE TRANSVERSE CRACK OVER END BENT 2 510 3 3 3 Square Feet Surface) **General Comments** Bent 1 Cap 1 **Reinforced Concrete Pier Cap** CS2 CS4 Element Total CS1 CS3 Qty Qty Number **Element Name** Qty Qty Qty 234 Reinforced Concrete Pier Cap 0 Feet 35 33 0 2 Element Maint **Defect Type Defect Description** cs CS Qty Number Qty 234 Delamination/Spall SPALL 14" LONG X 8" WIDE X 1.25" DEEP WITH 8" 3 2 2 Feet EXPOSED RUSTED REBAR. PRIORITY MAINTENANCE

General Comments

ISSUED

	Bent 1		Cap 1						
	forced Concre	oto Pier Can	eap .						
Eleme				Total	CS1	CS2	CS3	CS4	
Numb		Element Nam	e	Qty	Qty	Qty	Qty	Qty	
234	Reir	nforced Concrete Pier C	ар	36	36	0 0	0	0 Feet	
Element Number	Defect Type		Defect Description	n		CS	CS Qty	Maint Qty	
_									
G	eneral Comment CAP MEASUR	tS REMENTS FROM PLAN	IS, PILE SPACINGS NC	OT VISIBLE O	N PLANS				
Bent	2		Cap 1						
Reinf	forced Concre	ete Pier Cap							
Eleme	ent			Total	CS1	CS2	CS3	CS4	
Numb		Element Nam	-	Qty	Qty	Qty	Qty	Qty	
234	Reir	nforced Concrete Pier C	ар	35	33	0	2	0 Feet	
Element Number	Defect Type		Defect Description	n		CS	CS Qty	Maint Qty	
	Delamination/Spa	II 2 FT. DIAMETER FT. FROM COLU	DELAMINATION IN BC	OTTOM OF CA	AP AT 2	3	2	2 Feet	
G	eneral Comment								
	EFFLORESCI	ENCE LEAKAGE AT BE	NT 2 LATERAL GUIDE						
End E	Bent 2		Cap 1						
Reinf	forced Concre	ete Pier Cap							
F lama	ont			Total	CS1	CS2	CS3	CS4	
Eleme	CIIL			Total		001			
Numb	ber	Element Nam		Qty	Qty	Qty	Qty	Qty	
	ber	Element Nam nforced Concrete Pier C					Qty 0	Qty 0 Feet	
Numb	ber	nforced Concrete Pier C		Qty 36	Qty	Qty	-	•	
Numb 234 Element Number	b er Reir	nforced Concrete Pier C	ар	Qty 36	Qty	Qty 0	0	0 Feet Maint	
Numb 234 Element Number	Defect Type	nforced Concrete Pier C	ap Defect Description	Qty 36	Qty 36	Qty 0	0	0 Feet Maint	
Numb 234 Element Number	Defect Type Defect Type eneral Comment CAP MEASUF	nforced Concrete Pier C	ap Defect Description	Qty 36	Qty 36	Qty 0	0	0 Feet Maint	
Number 234 Element Number G Bent	Defect Type Defect Type eneral Comment CAP MEASUF	nforced Concrete Pier C ts REMENTS FROM PLAN	Defect Description	Qty 36	Qty 36	Qty 0	0	0 Feet Maint	
Number 234 Element Number G Bent Reinf Eleme	Defect Type Defect Type eneral Comment CAP MEASUF 4 forced Concre ent	nforced Concrete Pier C ts REMENTS FROM PLAN ete Pier Cap	Defect Description	Qty 36 n DT VISIBLE O	Qty 36 N PLANS	Qty 0 CS CS2	0 CS Qty CS3	0 Feet Maint Qty	_
Number 234 Element Number G Bent Reinf Eleme	Defect Type Defect Type eneral Comment CAP MEASUF 4 forced Concre ent per	nforced Concrete Pier C ts REMENTS FROM PLAN ete Pier Cap Element Nam	Defect Description IS, PILE SPACINGS NC Cap 1	Qty 36 n DT VISIBLE OI Total Qty	Qty 36 N PLANS CS1 Qty	Qty 0 CS CS Qty	0 CS Qty CS3 Qty	0 Feet Maint Qty CS4 Qty	
Number 234 Element Number G Bent Reinf Eleme Number 234	Defect Type Defect Type eneral Comment CAP MEASUF 4 forced Concre ent per	nforced Concrete Pier C ts REMENTS FROM PLAN ete Pier Cap	Defect Description IS, PILE SPACINGS NC Cap 1	Qty 36 n DT VISIBLE O	Qty 36 N PLANS	Qty 0 CS CS2	0 CS Qty CS3	0 Feet Maint Qty CS4 Qty 0 Feet	
Number 234 Element Number G Bent Reinf Eleme	Defect Type Defect Type eneral Comment CAP MEASUF 4 forced Concre ent per	nforced Concrete Pier C ts REMENTS FROM PLAN ete Pier Cap Element Nam nforced Concrete Pier C	Defect Description IS, PILE SPACINGS NC Cap 1	Qty 36 DT VISIBLE OI Total Qty 35	Qty 36 N PLANS CS1 Qty	Qty 0 CS CS Qty	0 CS Qty CS3 Qty	0 Feet Maint Qty CS4 Qty	

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 1	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 1	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 1	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 1	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 1	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 1	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 1	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 1	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 1	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 1	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 1	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 1	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 1	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 1	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 1	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 1	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 1	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 1	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	49
Span 1	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	49
Span 1	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1172
Span 2	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 2	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 2	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 2	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 2	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 2	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 2	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 2	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 2	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 2	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 2	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 2	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 2	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 2	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 2	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
· Span 2	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 2	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 2	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 2	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	58
Span 2	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	58
Span 2	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1388
Span 3	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 3	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 3	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 3	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 3	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 3	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 3	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 3	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 3	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 3	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 3	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 3	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 3	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 3	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 3	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 3	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 3	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 3	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 3	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	58
Span 3	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	58
Span 3	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1388
Span 4	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 4	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 4	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 4	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 4	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 4	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 4	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 4	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 4	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 4	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 4	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 4	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 4	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 4	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 4	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
· Span 4	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
Span 4	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	58
· Span 4	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	174
Span 4	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	58
Span 4	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	58
Span 4	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1388
Span 5	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 5	Slab 1	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 5	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 5	Slab 2	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 5	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 5	Slab 3	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 5	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 5	Slab 4	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 5	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 5	Slab 5	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 5	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 5	Slab 6	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 5	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 5	Slab 7	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 5	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 5	Slab 8	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 5	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Top Flange	144
Span 5	Slab 9	Prestressed Concrete Cored Slab	Prestressed Concrete Closed Web/Box Girder	48
Span 5	Left Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	49
Span 5	Right Bridge Rail	Concrete Railing	Reinforced Concrete Bridge Railing	49
Span 5	Wearing Surface	Asphalt Wearing Surface	Wearing Surface	1164
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	35
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	36
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	36
Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	35
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	36
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	36
Bent 3	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	35
Bent 3	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 3	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 4	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	35
Bent 4	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 4	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1

General Inspection Notes

 Bent 1
 Cap 1

 CAP MEASUREMENTS FROM PLANS, PILE SPACINGS NOT VISIBLE ON PLANS

 Bent 2
 Cap 1

 CAP MEASUREMENTS FROM PLANS, PILE SPACINGS NOT VISIBLE ON PLANS

 Span 2
 Right Bridge Rail

National Bridge and NC Inspection Items

Structure Number: 770162

Inspection Date: 11/29/2017

National Bridge Inventory Items

Item	Grade Scale	Grade
Item 58: Deck	0 - 9 , N	8
Item 59: Superstructure	0 - 9 , N	8
Item 60: Substructure	0 - 9 , N	5
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	G	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			
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	50		
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	Y
Inspection Time	Hours	10
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

tructure Num	ber: 770162			Inspection Date: 11/29/2017
Item	Superstructure - Item 59	Grade 8	Maint Code	Qty. 0
Details	ALL BEARINGS ARE ELASTROMERIC BEARIN	G PADS, NOT VISIBLE		
Item	Priority Maintenance Issued	Grade Y	Maint Code	Qty. 0
Details	PRIORITY MAINTENANCE ISSUED FOR BENT	1 CAP SPALL		
Item	General Comments and Misc Items	Grade	Maint Code	Qty. 0

Details ALL BEARINGS ARE ELASTROMERIC BEARING PADS, NOT VISIBLE



Span 5 Wearing Surface: 1/8" WIDE TRANSVERSE CRACK OVER END BENT 2



Span 5 Wearing Surface: 1/4" WIDE TRANSVERSE CRACK OVER BENT 4

County: ROBESON

Date: 11/29/2017



Span 4 Wearing Surface: 3/16" WIDE TRANSVERSE CRACK OVER BENT 3



Span 4 Left Bridge Rail: HAIRLINE MAP CRACKING AT BENT 3

Date: 11/29/2017



Span 3 Wearing Surface: 1/4" WIDE LONGITUDINAL CRACK IN LEFT SHOULDER AT BENT 2



Span 3 Wearing Surface: 3/16" WIDE TRANSVERSE CRACK OVER BENT 2

County: ROBESON

Date: 11/29/2017



Span 2 Wearing Surface: 1/4" WIDE TRANSVERSE CRACK OVER BENT 1



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

County: ROBESON

Date: 11/29/2017

Condition Photos



Bent 4 Cap 1: HAIRLINE TRANSVERSE CRACKS AT 1' SPACING IN BOTTOM OF CAP BETWEEN COLUMNS



EFFLORESCENCE LEAKAGE AT BENT 2 LATERAL GUIDE

County: ROBESON

Date: 11/29/2017



Bent 2 Cap 1: 2 FT. DIAMETER DELAMINATION IN BOTTOM OF CAP AT 2 FT. FROM COLUMN 2



Bent 1 Cap 1: SPALL 14" LONG X 8" WIDE X 1.25" DEEP WITH 8" EXPOSED RUSTED REBAR. PRIORITY MAINTENANCE ISSUED

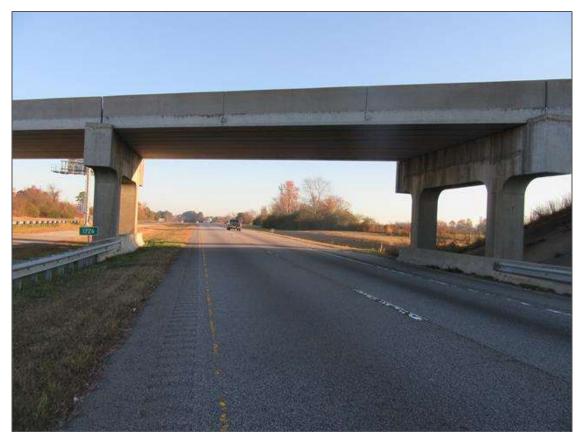
County: ROBESON

Date: 11/29/2017

Structure Photos



SOUTH PROFILE



LOOKING NORTH, NORTHBOUND LANE THRU SPAN 4

County: ROBESON

Date: 11/29/2017

Structure Photos



NORTH PROFILE



LOOKING SOUTH, SOUTHBOUND LANE THRU SPAN 2

County: ROBESON

Date: 11/29/2017

Structure Photos



SPAN 2 SUPERSTRUCTURE, ALL SPANS ARE SIMILAR

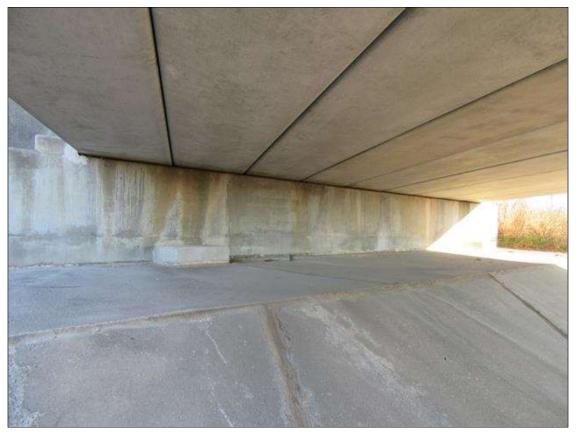


BENT 1

County: ROBESON

Date: 11/29/2017

Structure Photos



END BENT 1



GUARDRAIL END TERMINAL, ALL CORNERS ARS SIMILAR

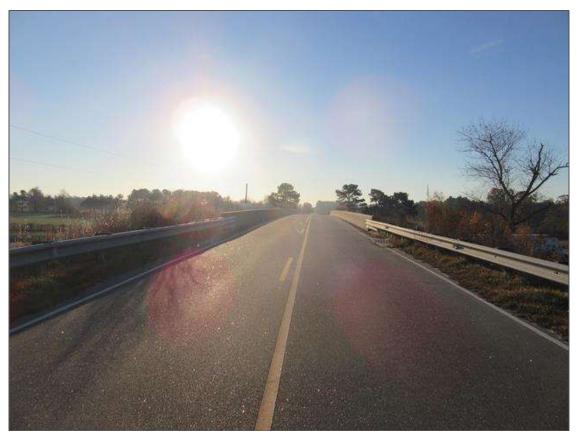
County: ROBESON

Date: 11/29/2017

Structure Photos



GUARDRAIL POST SPACING AT MID PORTION



LOOKING EAST

County: ROBESON

Date: 11/29/2017

Structure Photos



GUARDRAIL POST SPACING AT BRIDGE



GUARDRAIL CONNECTION

County: ROBESON

Date: 11/29/2017

Structure Photos



EXTERIOR GUARDRAIL CONNECTION



LOOKING WEST, OFF BRIDGE

County: ROBESON

Date: 11/29/2017

Structure Photos



LOOKING NORTH, I 95

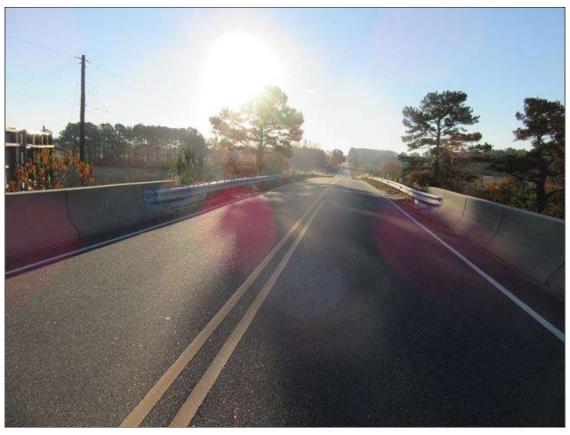


LOOKING SOUTH, I-95

County: ROBESON

Date: 11/29/2017

Structure Photos



LOOKING EAST, OFF BRIDGE



LOOKING WEST

County: ROBESON

Date: 11/29/2017

Structure Photos



END BENT 2



County: ROBESON

Date: 11/29/2017

Structure Photos



BENT 3



BENT 2

County: ROBESON

Date: 11/29/2017

Structure Photos



SOUTH END OF BENT 2 CAP, SIMPLE SPANS

NATIONAL BRIDGE INVENTORY------ STRUCTURE INVENTORY AND APPRAISAL Run Date: 04/12/2018

IDE	NTIFICATION		
(1) STATE NAME -NORTH CAROLINA		BRIDGE	770162
(8) STRUCTURE NUMBER(FEDERAL)		0000000	01550162
(5) INVENTORY ROUTE (ON/UNDER) -	ON	:	31017260
(2) STATE HIGHWAY DEPARTMENT D	ISTRICT		1
(3) COUNTY CODE 155	(4) PLACE CO	ODE	0
(6) FEATURE INTERSECTED - 195			
(7) FACILITY CARRIED SR1726			
(9) LOCATION 0.8 MI E JCT US30)1		
(11)MILEPOINT			0
(16)LAT 34° 50' 50.67"	(17)LONG	78° 58' 11.08"	
(98)BORDER BRIDGE STATE CODE		PCT SHARE	
(99)BORDER BRIDGE STRUCTURE NO)		

((43) STRUCTURE TYPE MAIN: Prestressed Concrete		
	TYPE - Slab	CODE	501
((44) STRUCTURE TYPE APPR :		
	TYPE -	CODE	000
((45) NUMBER OF SPANS IN MAIN UNIT		5
((46) NUMBER OF APPROACH SPANS		
	(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	19	959
(106)YEAR RECONSTRUCTED	20	009
(42) TYPE OF SERVICE : ON - Highway		
UNDER - Highway	CODE	11
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE		4
(29) AVERAGE DAILY TRAFFIC	4	50
(30) YEAR OF ADT 2015 (109) TRUCK ADT PCT	6	6%
(19) BYPASS OR DETOUR LENGTH	1	MI
GEOMETRIC DATA		
(48) LENGTH OF MAXIMUM SPAN	57	FT
(49) STRUCTURE LENGTH	272	FT
(50)CURB OR SIDEWALK: LEFT 0 FT RIGHT	0	FT
(51) BRIDGE ROADWAY WIDTH CURB TO CURB	23.917	FT
(52) DECK WIDTH OUT TO OUT	27	FT
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)	22	FT
(33) BRIDGE MEDIAN - No Median	CODE	0
(34) SKEW 27° (35) STRUCTURE FLARED		0
(10) INVENTORY ROUTE MIN VERT CLEAR	999.9	FT
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	23.917	FT
(53) MIN VERT CLEAR OVER BRIDGE RDWY	999.9	FT
(54) MIN VERT UNDERCLEAR REF Highway	17.583	FT
(55) MIN LAT UNDERCLEAR RT REF Highway	9.167	FT
(56) MIN LAT UNDERCLEAR LT REF -	12	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

SUFFICIENCY RATING =

STATUS = Functionally Obsolete

CLASSIFICATION	CODE
(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
(101) PARALLEL STRUCTURE - No Parallel Structure	Ν
(102)DIRECTION OF TRAFFIC - 2-way Traffic	2
(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
(37) HISTORICAL SIGNIFICANCE - Not Eligible	5

72.74

CONDITION	CODE
(58) DECK	8
(59) SUPERSTRUCTURE	8
(60) SUBSTRUCTURE	5
(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-42	76
(65) INVENTORY RATING METHOD - Load Factor	1
(66) INVENTORY RATING - HS-25	45
(70) BRIDGE POSTING - No Posting Required	5
(41) STRUCTURE OPEN, POSTED ,OR CLOSED	А
DESCRIPTION - Open, No Restriction	
APPRAISAL	- CODE
(67) STRUCTURAL EVALUATION	5
(68) DECK GEOMETRY	4
(69) UNDERCLEARANCES, VERTI & HORIZ	3
(71) WATERWAY ADEQUACY	N
	8
	1111
(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 900 (115) YEAR FUTURE ADT	2025
INSPECTIONS	
(90) INSPECTION DATE	1/29/2017
(92) CRITICAL FEATURE INSPECTION : (93) CFI DATE	

(92) CRITICAL FEATURE INSPECT	TION :	(93) CFI DATE
A) FRACTURE CRIT DETAIL -	NO	A)
B) UNDERWATER INSP -	NO	В)
C) OTHER SPECIAL INSP	NO	C)
SCOUR		

0 FT

Structure No: 770162

County: ROBESON

Run Date:

			ertical					c			Fraffic	nce	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 Classification	Numer of Lanes	Average Daily Traffic	Year of Average Daily 1	Total Horizontal Clearance	Reference Feature	Minimum Vertical Underclearance	Right Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade	STRAHNET I	Direction of Traffic	Highway System of Route
	6	5	10	11	12	13	20	26	28	29	30	47	54A	54	55	56	69	100	102	104
2	195S	11000950	17.42	34.10	1	10095		1	2	22500	2015	45.67	Н	17.33	10.17	12	9	1	1	1
4	195N	11000950	17.67	34.10	1	10095		1	2	22500	2015	44.92	н	17.58	9.17	12	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

		DAT	A ON EXISTING	STRUCTURE	Ru	n Date: 04/1	2/2018		
COUNTY : ROBESON		DIVISION : 6	DISTRICT: 1	STRUCTURE 7	NUMBER : 70162		LENGT	H : 272	FEET
ROUTE CARRIED : S	R1726		FEATURE INT	ERSECTED :	195				
LOCATED : 0.8 MI E JC	T US301		BRIDGE NAME :			CITY :			
FUNC. CLASS :	SYST.ON :	SYST.UND	ER :	ADT & YR :		RA	IL TYPE :		
09	NFA		NFA	450	2015	LT	41	RT 41	
BUILT : 1959	BY : SHC	PROJ :	8.13962	FED.AID P	ROJ :	DESIGN		HS 20 + N	10D
REHAB : E 2009	Y : DOH	PROJ : 41927.3.	ALIGNMENT 1	TAN SKE	EW : 63	LANES : ON	2	UNDER	4
NAVIGATION : VC 0	FT	HC 0	HT. CRN. FT	TO BED : 0	FT	WATER D	EPTH : 0		FT
SUPERSTRUCTURE :	PRECAST	PRESTRESSED	CONCRETE CORE	D SLAB, APPRO	DACH SLABS				
SUBSTRUCTURE :	E.BTS:RC (CAPS ON PPC PI	LES, INT.BTS:RC F	POST & BEAM, S	SPREAD FOO	DTINGS			
SPANS :	1@49'-0", 1	@57'-10", 2@58	'-0", 1@48'-8"						
BEAMS OR GIRDERS :	9 SEC	TIONS 3'-0" X 1'-	9" PPC CORED SL	AB UNITS					
FLOOR : PPC.CS, 5. AWS	76"	ENCROACHM	ENT :	DEC	CK (OUT TO (OUT) : 27 FT			
CLEAR ROADWAY :		BETWEEN RAIL	_S :	SI	DEWALK OR	CURB :			
23.9	917 FT		23.917 FT			LT 0 F	Т	RT	0 FT
VERT.CL.OVER : 999.9 FT									
INV.RTG. : HS-25	OPE.RTG. : H	CONT IS-42	R.MEMBER : CS B-D	POSTI SV	ED : TTS	ST	DATE		
SYSTEM : Primary S.R. Route					GREE	IN LINE ROU	TE : N	l	
UNDER ROUTES AND	CLEARANCES								
	Vertical	Clearances	Horizontal Clearan	ces					

		Vertical Cl	earances	Horizo	ntal Clear	rances
Span	Route Description	MMVC	MVC	Total	Left	Right
2	1958	17.4170	17.3330	45.6670	12	10.1670
4	195N	17.6670	17.5830	44.9170	12	9.1670

Note: All measurements are in feet.

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 770162

County ROBESON

Date: 11/29/2017

These Repairs Should Be Made Within Twelve Months From Date Of This Inspection

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3348	Maintain Concrete Substructure Components	LF	2	Bent 1 Cap 1: SPALL 14" LONG X 8" WIDE X 1.25" DEEP WITH 8" EXPOSED RUSTED REBAR. PRIORITY MAINTENANCE ISSUED	



BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 770162

County ROBESON

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

MMS Code	MMS Description					
3348	Maintain Concrete Substructure Components					LF
Location:						
			Bent/Span No.			
Priority Leve	el		Status			
Recommend	ded		Routine Maintenance			
Submitted D	ate:	Submitte	d By:	Assisted By:		
11/29/2017		Ray L. F	Kisner			
Details						
Bent 1 Cap MAINTENAI			DNG X 8" WIDE X 1.25" DEEP WIT	"H 8" EXPOSED RUSTED REBAR. F	PRIORITY	

Bridge Inspection Field Sketch

SR-1726 (McRAINEY ROAD)

Roadway	18.75ft Wide	2 Paved Lanes	Looking East
Left Shoulder	4.25ft Wide	1.833ft Paved	2.417ft Unpaved
Right Shoulder	4.584ft Wide	1.417ft Paved	3.167ft Unpaved
Left Guardrail	4.25ft from road		
Right Guardrail	4.583ft 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 DLK 11/29/17 MEASURED 15 FT. WEST OF STRUCTURE

Title		Descri	ption	
APPROACH ROADWAY		LOOKI	NG EAST	
Bridge No: 770162	Drawn By: RLK		Date:1/26/2010	File Name: S0098000248

Bridge Inspection Field Sketch

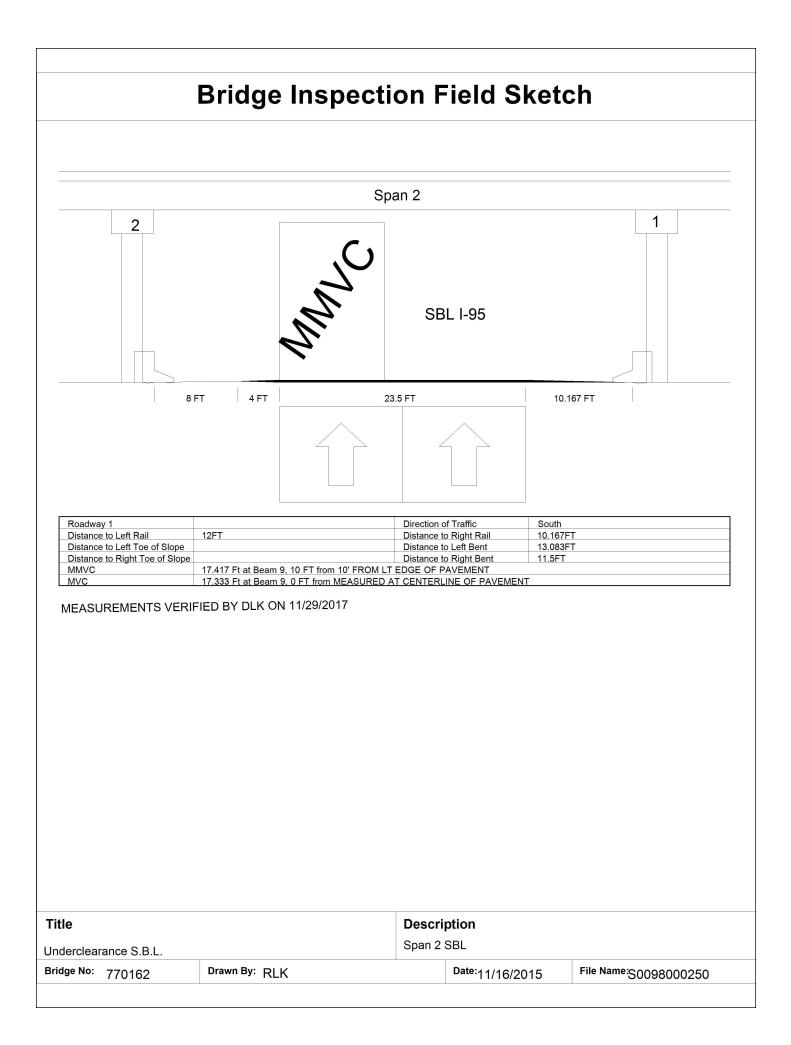
Deck Width/Out to Out	27ft	Betwee	Between Rails			
Clear Roadway 23.917ft			Wearing Surface			
Median Width	Median Height					
Curb Height		Left		Right		
Sidewalk Width		Left		Right		
Clear Roadway (Rail to Median)				Right		
Guardrail Width			1.583ft	Right	1.583ft	
Top of Rail to Deck/Wearing Surface			2.833ft	Right	2.833ft	
Bridge Rail	Left	Type 4	Right	Type 4		
		-				

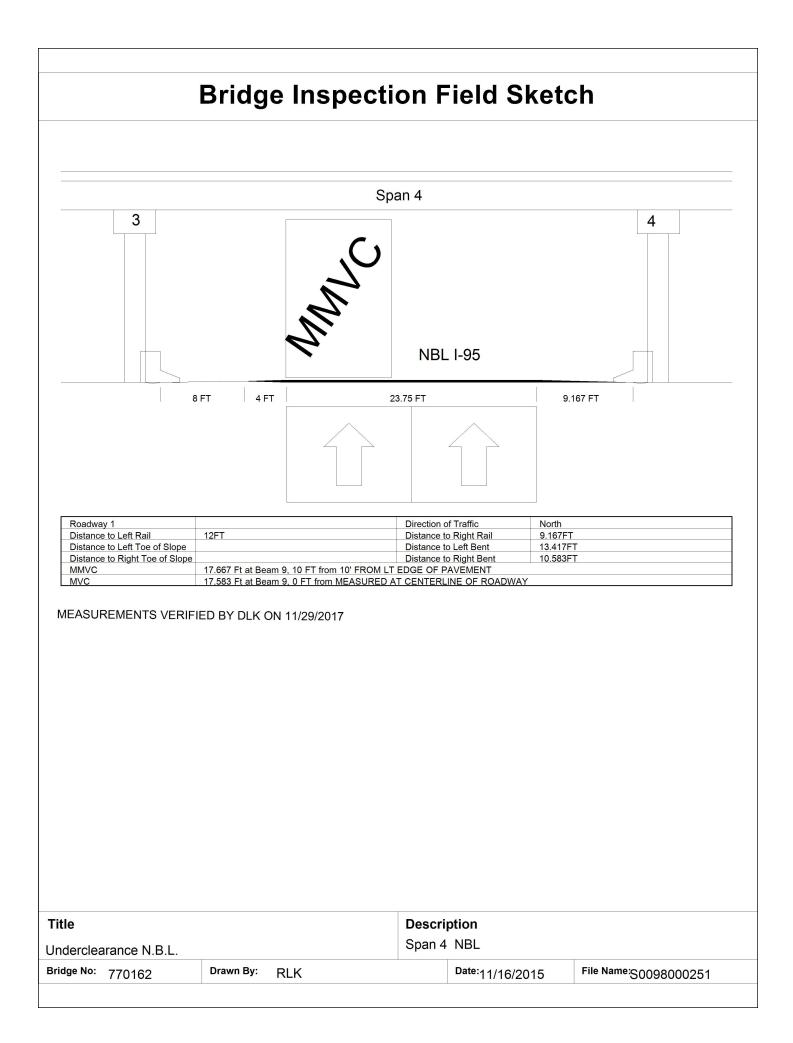
Measurements for	1	SPANS			
Deck Thickness		1.75	Left Ov	1	
Top of Rail to Bot	5.0 FT.	Right (
Number of Slabs	Slab Width	Slab He	iaht	Comments	
9	1.75ft	gitt			

MEASUREMENTS VERIFIED BY RLK 12/13/11 MEASUREMENTS VERIFIED BY RLK 11/6/13 MEASUREMENTS VERIFIED BY RLK 11/16/15 MEASUREMENTS VERIFIED BY DLK 11/29/17

ELASTOMERIC BEARING PADS NOT VISIBLE

Title		Description	
SUPERSTRUCTURE		SIMILAR SECTION	
Bridge No: 770162	Drawn By: RLK	Date:1/26/2010	File Name:S0098000249





		Bri	dge Insp	ectio	on Fie	ld S	ketch		
		ł	EBTS: PPC PILES NO	T VISIBLE D	UE TO SLOPE	PROTECT	TION		
Cap Info			Material Cast-in-I						
Length 34.500 ft.	Width . 2.500 ft.	Height 5.500 ft.	Left Overhang 7.667 ft.	Right Ove 7.667		eam to Er 000 ft.	nd of Cap. F	Right Beam to Er 2.000 ft.	nd of Cap.
	Information	5.500 ft.	Material	7.007	n. 2.0	JUU II.		2.000 II.	
Length		Height	Left Overhang	Right Ove	rhang Left Pi	ile to Spli	ce.		
Sill Infor	mation		Material						
Sill Infor Length	mation Width	Height	Material						
Length			Material Width/Dia. Height	Length	Orientation	Driven?	Replacemer	nt? Removed?	Collar?
Length	Width		Width/Dia. Height 4.167 ft.	Length	Orientation Vertical	Driven? No	Replacemer No	nt? Removed?	Collar? No
Length Pile #	Width	Spacing	Width/Dia. Height	Length			· ·		
Length Pile # 1 2 MEASUF	Width Material REMENTS V	Spacing 19.167 ft. /ERIFIED	Width/Dia. Height 4.167 ft.	Length	Vertical	No	No	No	No
Length Pile # 1 2 MEASUI	Width Material REMENTS V	Spacing 19.167 ft. /ERIFIED /ERIFIED	Width/Dia. Height 4.167 ft. 4.167 ft. BY RLK 12/13/11		Vertical	No	No	No	No
Length Pile # 1 2 MEASUF MEASUF	Width Material REMENTS \ REMENTS \ REMENTS \	Spacing 19.167 ft. /ERIFIED /ERIFIED /ERIFIED	Width/Dia. Height 4.167 ft. 4.167 ft. BY RLK 12/13/11 BY RLK 11/6/13		Vertical	No	No	No	No
Length Pile # 1 2 MEASUI MEASUI MEASU	Width Material REMENTS \ REMENTS \ REMENTS \	Spacing 19.167 ft. /ERIFIED /ERIFIED /ERIFIED	Width/Dia. Height 4.167 ft. 4.167 ft. BY RLK 12/13/11 BY RLK 11/6/13 BY RLK 11/16/15		Vertical	No	No	No	No
Length Pile # 1 2 MEASUI MEASUI MEASU	Width Material REMENTS \ REMENTS \ REMENTS \	Spacing 19.167 ft. /ERIFIED /ERIFIED /ERIFIED	Width/Dia. Height 4.167 ft. 4.167 ft. BY RLK 12/13/11 BY RLK 11/6/13 BY RLK 11/16/15		Vertical	No	No	No	No
Length Pile # 1 2 MEASUI MEASUI MEASU	Width Material REMENTS \ REMENTS \ REMENTS \	Spacing 19.167 ft. /ERIFIED /ERIFIED /ERIFIED	Width/Dia. Height 4.167 ft. 4.167 ft. BY RLK 12/13/11 BY RLK 11/6/13 BY RLK 11/16/15		Vertical	No	No	No	No
Length Pile # 1 2 MEASUI MEASUI MEASU	Width Material REMENTS \ REMENTS \ REMENTS \	Spacing 19.167 ft. /ERIFIED /ERIFIED /ERIFIED	Width/Dia. Height 4.167 ft. 4.167 ft. BY RLK 12/13/11 BY RLK 11/6/13 BY RLK 11/16/15		Vertical	No	No	No	No
Length Pile # 1 2 MEASUI MEASUI MEASU	Width Material REMENTS \ REMENTS \ REMENTS \	Spacing 19.167 ft. /ERIFIED /ERIFIED /ERIFIED	Width/Dia. Height 4.167 ft. 4.167 ft. BY RLK 12/13/11 BY RLK 11/6/13 BY RLK 11/16/15		Vertical	No	No	No	No
Length Pile # 1 2 MEASUI MEASUI MEASU	Width Material REMENTS \ REMENTS \ REMENTS \	Spacing 19.167 ft. /ERIFIED /ERIFIED /ERIFIED	Width/Dia. Height 4.167 ft. 4.167 ft. BY RLK 12/13/11 BY RLK 11/6/13 BY RLK 11/16/15		Vertical	No	No	No	No
Length Pile # 1 2 MEASUI MEASU MEASU	Width Material REMENTS \ REMENTS \ REMENTS \	Spacing 19.167 ft. /ERIFIED /ERIFIED VERIFIED	Width/Dia. Height 4.167 ft. BY RLK 12/13/11 BY RLK 11/6/13 BY RLK 11/16/15 BY DLK 11/29/17		Vertical	No	No	No	No
Length Pile # 1 2 MEASUI MEASU MEASU MEASU	Width Material REMENTS \ REMENTS \ REMENTS \	Spacing 19.167 ft. /ERIFIED /ERIFIED VERIFIED	Width/Dia. Height 4.167 ft. 4.167 ft. BY RLK 12/13/11 BY RLK 11/6/13 BY RLK 11/16/15		Vertical	No	No	No	No
Length Pile # 1 2 MEASUI MEASU MEASU MEASU Bent/Ab	Width Material REMENTS N REMENTS N REMENTS N REMENTS N	Spacing 19.167 ft. /ERIFIED /ERIFIED VERIFIED	Width/Dia. Height 4.167 ft. BY RLK 12/13/11 BY RLK 11/6/13 BY RLK 11/16/15 BY DLK 11/29/17		Vertical Vertical	No No	No	No	No
Length Pile # 1 2 MEASUI MEASU MEASU MEASU	Width Material REMENTS N REMENTS N REMENTS N REMENTS N	Spacing 19.167 ft. /ERIFIED /ERIFIED VERIFIED	Width/Dia. Height 4.167 ft. BY RLK 12/13/11 BY RLK 11/6/13 BY RLK 11/16/15 BY DLK 11/29/17		Vertical Vertical	No No	No	No	No

