ATTENTION:



NC DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS STRUCTURE MANAGEMENT UNIT

Structure Safety Report

Routine Element Inspection

INSPECTION DATE: 04/25/2018

DIVISION: 6	COUNTY: ROBESON	STRUCTURE NUMBER: 7	770510	FREQUENCY:	24 MONTHS
FACILITY CARRIED	US301 NBL		MILE P	OST:	
LOCATION: 0.5 MI.	N. JCT. SR1005				
FEATURE INTERSE	CTED: 1-95				
LATITUDE: 34° 40)' 12.3" LON	IGITUDE: 79° 0' 21.7"			
SUPERSTRUCTURE	E: RC DECK ON PRESTRESSED C	ONCRETE MODIFIED BU	LB TEES (CONT	INUOUS), SIP	FORMS, AF
	END BENTS:RC CAPS ON STEEL PI	LES; WITH MSE WALLS,	INT. BENT:3 CO	LUMN, RC PO	ST & BEAM
SPANS: 2 SPAN	S. SEE SPAN PROFILE SHEET FOR	SPAN DETAILS			
FRACTURE CR				OUR PLAN OF	ACTION
GRADES: DECI			CULVERT	N	
POSTED SV: Not	Posted	POSTED TTST:	Not Posted		

OTHER SIGNS PRESENT: NONE

	inter a	M.				
	A.	S. March	Sign noticed issued for	I		Number Required
and the second			NO	WEIGHT LI	МІТ	0
		Alert action	NO	DELINEATO	ORS	0
	- a Dan	Officer January & Concern, 7	NO	NARROW BRI	IDGE	0
CONTRA MARCINA G	CALLER THE	an and a set of the se	NO	ONE LANE BR	IDGE	0
		- HEIMING	NO	LOW CLEARA	NCE	0
	~					
-			DIREC INSP	TION OF	S-N	
			DIRE MATCH	ECTION ES PLANS	YES	
LOOKING NORTH						
INSPECTED BY Ray L. Kisner	SIGNATURE	Ry L. Kiener	ASSISTED BY	Andrew C. Sto	one	

Structure Element Scoring

Structure Number: 770510

Inspection Date 4/25/2018

Element Number	Parent Number	Element Name	Location	Total Quantity	Level 1 Quantity	Level 2 Quantity	Level 3 Quantity	Level 4 Quantity
38	0	Reinforced Concrete Slabs	Deck	9070	9040	30	0	0
109	0	Prestressed Concrete Open Girder/Beam	Beam	1040	1040	0	0	0
521	109	Concrete Protective Coating	Beam	110	110	0	0	0
205	0	Reinforced Concrete Column	Piles and Columns	3	3	0	0	0
215	0	Reinforced Concrete Abutment	Abutments	276	276	0	0	0
220	0	Reinforced Concrete Pile Cap/Footing	Footing	48	48	0	0	0
225	0	Steel Pile	Foundation Pile	18	18	0	0	0
225	0	Steel Pile	Piles and Columns	24	24	0	0	0
234	0	Reinforced Concrete Pier Cap	Caps	169	169	0	0	0
521	234	Concrete Protective Coating	Caps	420	420	0	0	0
303	0	Assembly Joint with Seal	Expansion Joints	50	50	0	0	0
305	0	Assembly Joint without Seal	Expansion Joints	50	50	0	0	0
310	0	Elastomeric Bearing	Bearing Device	20	20	0	0	0
515	310	Steel Protective Coating	Bearing Device	40	40	0	0	0
321	0	Reinforced Concrete Approach Slabs	Approaches	2106	2060	46	0	0
333	0	Other Bridge Railing	Bridge Rail	432	377	55	0	0

Summary of Maintenance Needs

Maintenance By Defect

Inspection Date: 04/25/2018

Structure Number: 770510

MMS Code	Element Name	Defect Name	Recommended Quantity
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Element Structure Maintenance Quantities

Structure Number: 770510 Inspection Date 04/25/2018						<u>2018</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	276	0	0	0	276
Approaches	3353	Maintenance of Concrete Bridge Approach Slabs	0	2106	0	0	46	2060
Beam	3306	Maintenance Concrete Superstructure Components	0	1040	0	0	0	1040
Beam	5603	Partial Cleaning and Painting of Structural Steel	0	110	0	0	0	110
Bearing Device	3334	Bridge Bearing	0	20	0	0	0	20
Bearing Device	3342	Clean and Paint Steel	0	40	0	0	0	40
Bridge Rail	3318	Maintenance of Concrete Bridge Rail	0	432	0	0	55	377
Caps	3348	Maintenance of Concrete Substructure	0	169	0	0	0	169
Caps	5603	Partial Cleaning and Painting of Structural Steel	0	420	0	0	0	420
Deck	3326	Maintenance of Concrete Deck	0	9070	0	0	30	9040
Expansion Joints	3308	Maintenance of Steel Plate Joints	0	100	0	0	0	100
Footing	3348	Maintenance of Concrete Substructure	0	48	0	0	0	48
Foundation Pile	3354	Maintenance of Steel Substructure Components	0	18	0	0	0	18
Piles and Columns	3348	Maintenance of Concrete Substructure	0	3	0	0	0	3
Piles and Columns	3354	Maintenance of Steel Substructure Components	0	24	0	0	0	24
								1

Element Condition and Maintenance Data

ucture N	lumber: 770510						In	spection	
Span	า 1	Dec	k						
Rein	forced Concrete	Deck Slab							
Elem Num 38	nent Iber Reinfo	Element Name rced Concrete Slabs		Total Qty 4,535	CS1 Qty 4,523	CS2 Qty 12	CS3 Qty 0	CS4 Qty 0	Square Feet
lement	Defect Type	Def	ect Description			CS	CS Otv	Maint	
lumber 38	Cracking (RC and	6 - 2 FT. LONG X HAIRLI	NE LONGITUDINAL	CRACK	(S AT	2	12	Qty	Square Feet
G	General Comments	END BENT I JOINT							
Snan	1	l oft	Bridge Rail						
Conc	rete and Metal	Pailina	Bridge Rail						
Elom	oncie anu ivietal	Naming		Total	C 61	663	063	C 64	
Num	lber	Element Name		Qty	Qty	Qty	Qty	Qty	
333	Other I	Bridge Railing		108	88	20	0	0	Feet
lement	Defect Type	Def	ect Description			CS	CS Qtv	Maint	
		20.		DAOKO	AT 4-6	2	20	Qty	Feet
Span	Cracking (RC and Other) General Comments	HAIRLINE TRANSVERSE FT. SPACING	AND VERTICAL C	RACKS		2			
333 G Span Conc	Cracking (RC and Other) General Comments	HAIRLINE TRANSVERSE FT. SPACING Righ	AND VERTICAL C			L			
Span Conc Elem Num 333	Cracking (RC and Other) General Comments n 1 crete and Metal hent ber Other I	HAIRLINE TRANSVERSE FT. SPACING Righ Railing Element Name Bridge Railing	AND VERTICAL C	Total Qty 108	CS1 Qty 93	CS2 Qty 15	CS3 Qty 0	CS4 Qty 0	Feet
Span Conc Elem Num 333	Cracking (RC and Other) General Comments In 1 Crete and Metal Inent Iber Other I	HAIRLINE TRANSVERSE FT. SPACING Righ Railing Element Name Bridge Railing	and VERTICAL C	Total Qty 108	CS1 Qty 93	CS2 Qty 15	CS3 Qty 0	CS4 Qty 0 Maint	Feet
Span Conc Elem Num 333 Element Jumber 333	Cracking (RC and Other) General Comments In 1 Crete and Metal Inent Iber Other I Defect Type Cracking (RC and	HAIRLINE TRANSVERSE FT. SPACING Righ Railing Element Name Bridge Railing Def HAIRLINE TRANSVERSE	ect Description	Total Qty 108	CS1 Qty 93 AT 4-6	2 CS2 Qty 15 CS 2	CS3 Qty 0 CS Qty 15	CS4 Qty 0 Maint Qty	Feet Feet
Span Conc Elem Num 333 Element Jumber 333	Cracking (RC and Other) General Comments In 1 Crete and Metal Inent Iber Other I Defect Type Cracking (RC and Other) General Comments	HAIRLINE TRANSVERSE FT. SPACING Righ Railing Element Name Bridge Railing Def HAIRLINE TRANSVERSE FT. SPACING	AND VERTICAL C	Total Qty 108 RACKS	CS1 Qty 93 AT 4-6	CS2 Qty 15 CS 2	CS3 Qty 0 CS Qty 15	CS4 Qty 0 Maint Qty	Feet Feet
Span Conc Elem Num 333 Element Jumber 333 G	Cracking (RC and Other) General Comments In 1 Crete and Metal Intent Intent Intent Defect Type Cracking (RC and Other) General Comments	HAIRLINE TRANSVERSE FT. SPACING Righ Railing Element Name Bridge Railing Def HAIRLINE TRANSVERSE FT. SPACING	AND VERTICAL C	Total Qty 108 RACKS	CS1 Qty 93 AT 4-6	CS2 Qty 15 CS 2	CS3 Qty 0 CS Qty 15	CS4 Qty 0 Maint Qty	Feet Feet
Span Conc Elem Num 333 Element Jumber 333 G Span	Cracking (RC and Other) General Comments A 1 Crete and Metal hent ber Other B Cracking (RC and Other) General Comments	HAIRLINE TRANSVERSE FT. SPACING Righ Railing Element Name Bridge Railing Def HAIRLINE TRANSVERSE FT. SPACING Dec	AND VERTICAL C at Bridge Rail ect Description E AND VERTICAL C	Total Qty 108 RACKS	CS1 Qty 93 AT 4-6	2 CS2 Qty 15 CS 2	CS3 Qty 0 CS Qty 15	CS4 Qty 0 Maint Qty	Feet
Span Span Conc Elem Num 333 Element Jumber 333 G Span Reint	Cracking (RC and Other) General Comments A 1 Crete and Metal Ment Other I Other I Cracking (RC and Other) General Comments A 2 forced Concrete	HAIRLINE TRANSVERSE FT. SPACING Righ Railing Bridge Railing Def HAIRLINE TRANSVERSE FT. SPACING Dec Deck Slab	AND VERTICAL C Int Bridge Rail Eact Description E AND VERTICAL C	Total Qty 108 RACKS	CS1 Qty 93 AT 4-6	CS2 Qty 15 CS 2	CS3 Qty 0 CS Qty 15	CS4 Qty 0 Maint Qty	Feet
Span Conc Elem Num 333 Conc Elem Num 333 Conc Span Reint Elem	Cracking (RC and Other) General Comments A 1 Crete and Metal Ment Other I Defect Type Cracking (RC and Other) General Comments A 2 forced Concrete Ment	HAIRLINE TRANSVERSE FT. SPACING Righ Railing Element Name Bridge Railing Def HAIRLINE TRANSVERSE FT. SPACING Dec Deck Slab	AND VERTICAL C at Bridge Rail ect Description E AND VERTICAL C k	Total Qty 108 RACKS	CS1 Qty 93 AT 4-6 CS1	CS2 Qty 15 CS 2	CS3 Qty 0 CS Qty 15	CS4 Qty 0 Maint Qty	Feet Feet
Span Conc Elem Num 333 Conc Elem Num 333 Conc Elem Span Reint Elem Num	Cracking (RC and Other) General Comments In 1 Crete and Metal Inent Iber Other I Cracking (RC and Other) General Comments In 2 forced Concrete Inent	HAIRLINE TRANSVERSE FT. SPACING Righ Railing Element Name Bridge Railing Def HAIRLINE TRANSVERSE FT. SPACING Dec Element Name	AND VERTICAL C	Total Qty 108 RACKS	CS1 Qty 93 AT 4-6 CS1 Qty	CS2 Qty 15 CS 2 Qty 40	CS3 Qty 0 CS Qty 15 CS3 Qty	CS4 Qty 0 Maint Qty	Feet
Span Conc Elem Num 333 Element Jumber 333 G Span Reint Lem Num 38	Cracking (RC and Other) General Comments A 1 Crete and Metal Nent Iber Other B Cracking (RC and Other) General Comments A 2 forced Concrete Nent Iber Reinfo	HAIRLINE TRANSVERSE FT. SPACING Righ Railing Bridge Railing Def HAIRLINE TRANSVERSE FT. SPACING Dec Deck Slab Element Name rced Concrete Slabs	AND VERTICAL C	Total Qty 108 RACKS	CS1 Qty 93 AT 4-6 CS1 Qty 4,517	CS2 Qty 15 CS 2 CS2 Qty 18	CS3 Qty 0 CS Qty 15 CS3 Qty 0	CS4 Qty 0 Maint Qty 0 CS4 Qty 0	Feet Feet
Span Conc Elem Numi 333 Element Jumber 333 G Span Reint Elem Numi 38	Cracking (RC and Other) General Comments In 1 Crete and Metal Inent Iber Other I Defect Type Cracking (RC and Other) General Comments In 2 forced Concrete Inent Iber Reinfor	HAIRLINE TRANSVERSE FT. SPACING Righ Railing Element Name Bridge Railing Def HAIRLINE TRANSVERSE FT. SPACING Dec Deck Slab Element Name rced Concrete Slabs	AND VERTICAL C The Bridge Rail Tect Description E AND VERTICAL C k Cect Description	Total Qty 108 RACKS	CS1 Qty 93 AT 4-6 CS1 Qty 4,517	CS2 Qty 15 CS 2 CS2 Qty 18 CS	CS3 Qty 0 CS Qty 15 CS3 Qty 0 CS Qty	CS4 Qty 0 Maint Qty 0 CS4 Qty 0 Maint Qty	Feet Feet Square Feet

Structure	Number:	770510

Span 2		Left Bridge	Rail					
Concret	te and Metal Railing	l						
Element Number	El Other Bridge P	ement Name	Total Qty	CS1 Qty	CS2 Qty	CS3 Qty	CS4 Qty	Foot
			108	101	1	0	Ur	eel
Element Number	Defect Type	Defect Descri	ption		CS	CS Qty	Maint Qty	
333 Cra Oth	cking (RC and HAIR er) FT. S	LINE TRANSVERSE AND VER PACING	TICAL CRACKS A	T 4-6	2	7	-	Feet
Span 2		Right Bridge	e Rail					
Concret	te and Metal Railing	l						
Element		omont Nomo	Total	CS1	CS2	CS3	CS4	
Number 333	E Other Bridge R	ailing	Qty 108	Qty 95	Qty 13	Qty 0	Qty 0 F	Feet
Element	Defect Type	Defect Descri	ption		CS	CS Qtv	Maint	
333 Cra	cking (RC and HAIR	LINE TRANSVERSE AND VER	RTICAL CRACKS A	T 4-6	2	13	Qty	Feet
Gene	eral Comments	FACING						
End Be	nt 1	Cap 1						
Reinfor	ced Concrete Pier (Сар						
Element	_		Total	CS1	CS2	CS3	CS4	
Number 234	El Reinforced Cor	ement Name crete Pier Cap	Qty 60	Qty 60	Qty 0	Qty 0	Qty 0 F	Feet
521	Concrete Prote	ctive Coating	210	210	0	0	0 5	Square Feet
Flement		-					Maint	-
Number	Defect Type	Defect Descri	ption		CS	CS Qty	Qty	
Gene	eral Comments							
	END BENT PILES NOT \	ISIBLE DUE TO PPC EARTHV	VALL ABUTMENT					
Bent 1		Pile 3						
Reinfor	ced Concrete Colur	nn						
Element		. N	Total	CS1	CS2	CS3	CS4	
Number 205	El Reinforced Cor	ement Name crete Column	Qty 1	Qty 1	Qty 0	Qty 0	Qty 0 E	Each
Element	Defect Terr					00.01	Maint	
Number	Defect Type	Defect Descri	ption		CS	CS Qty	Qty	
Gene	eral Comments							

FOUNDATION PILES NOT VISIBLE

Inspection Date: 04/25/2018 Structure Number: 770510 Cap 1 End Bent 2 **Reinforced Concrete Pier Cap** CS3 CS1 CS2 CS4 Element Total Number **Element Name** Qty Qty Qty Qty Qty 234 Reinforced Concrete Pier Cap 60 60 0 0 0 Feet 521 0 0 **Concrete Protective Coating** 210 210 0 Square Feet Element Maint cs CS Qty **Defect Type Defect Description** Number Qty **General Comments** END BENT PILES NOT VISIBLE DUE TO PPC EARTHWALL ABUTMENT Approach 1 **Reinforced Concrete Approach Slab** Element Total CS1 CS2 CS3 CS4 **Element Name** Number Qty Qty Qty Qty Qty 321 **Reinforced Concrete Approach Slabs** 1,053 1,013 40 0 0 Square Feet Element Maint CS Qty **Defect Type Defect Description** CS Number Qty 321 Cracking (RC and HAIRLINE LONGITUDINAL CRACKS AT END BENT 1 JOINT 2 40 Square Feet Other) **General Comments** Approach 2 **Reinforced Concrete Approach Slab** CS1 CS2 CS3 CS4 Element Total **Element Name** Number Qty Qty Qty Qty Qty 321 **Reinforced Concrete Approach Slabs** 1,053 1,047 6 0 0 Square Feet Element Maint **Defect Type Defect Description** CS CS Qty Number Qty HAIRLINE LONGITUDINAL CRACKS AT END BENT 2 JOINT 321 Cracking (RC and 2 6 Square Feet Other)

General Comments

Elements Verfied

Location	Name	Component	Element Name	Amount
Span 1	Deck	Reinforced Concrete Deck Slab	Reinforced Concrete Slabs	4535
Span 1	Beam 1	Prestressed Bulb T	Prestressed Concrete Open Girder/Beam	104
Span 1	Beam 2	Prestressed Bulb T	Prestressed Concrete Open Girder/Beam	104
Span 1	Beam 3	Prestressed Bulb T	Prestressed Concrete Open Girder/Beam	104
Span 1	Beam 4	Prestressed Bulb T	Prestressed Concrete Open Girder/Beam	104
Span 1	Beam 5	Prestressed Bulb T	Prestressed Concrete Open Girder/Beam	104
Span 1	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	108
Span 1	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	108
Span 1	Expansion Joint	Prefabricated Joint with Seal	Assembly Joint with Seal	50
Span 1	Near Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 1	Far Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 1	Near Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 1	Far Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 1	Near Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 1	Far Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 1	Near Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 1	Far Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 1	Near Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 1	Far Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 2	Deck	Reinforced Concrete Deck Slab	Reinforced Concrete Slabs	4535
Span 2	Beam 1	Prestressed Bulb T	Prestressed Concrete Open Girder/Beam	104
Span 2	Beam 2	Prestressed Bulb T	Prestressed Concrete Open Girder/Beam	104
Span 2	Beam 3	Prestressed Bulb T	Prestressed Concrete Open Girder/Beam	104
Span 2	Beam 4	Prestressed Bulb T	Prestressed Concrete Open Girder/Beam	104
Span 2	Beam 5	Prestressed Bulb T	Prestressed Concrete Open Girder/Beam	104
Span 2	Left Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	108
Span 2	Right Bridge Rail	Concrete and Metal Railing	Other Bridge Railing	108
Span 2	Expansion Joint	Finger Joint	Assembly Joint without Seal	50
Span 2	Near Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 2	Far Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 2	Near Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 2	Far Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 2	Near Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 2	Far Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 2	Near Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 2	Far Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 2	Near Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Span 2	Far Bearing	Elastomeric Bearing with Metal Plates	Elastomeric Bearing	1
Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	49
Bent 1	Pile 1	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 2	Reinforced Concrete Column	Reinforced Concrete Column	1
Bent 1	Pile 3	Reinforced Concrete Column	Reinforced Concrete Column	1
End Bent 1	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	60
End Bent 1	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	138
End Bent 2	Cap 1	Reinforced Concrete Pier Cap	Reinforced Concrete Pier Cap	60

Elements Verfied

Location	Name	Component	Element Name	Amount
End Bent 2	Abutment	Reinforced Concrete Abutment	Reinforced Concrete Abutment	138

General Inspection Notes

Bent 1 Cap 1

END BENT PILES NOT VISIBLE DUE TO PPC EARTHWALL ABUTMENT

Bent 1 Pile 3

FOUNDATION PILES NOT VISIBLE

Bent 2

Cap 1

END BENT PILES NOT VISIBLE DUE TO PPC EARTHWALL ABUTMENT

National Bridge and NC Inspection Items

Structure Number: 770510

Inspection Date: 04/25/2018

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	8
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		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
Sign Noticed Issued	YES/NO	N
Priority Maintenance Request Submitted	YES/NO	N
Inspection Time	Hours	6
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

Structu	re Numb	ber: 770510				Inspection Date:	04/25/2018
	ltem	Substructure - Item 60	Grade	8	Maint Code	Qty. 0	
	Details	END BENT PILES, INTERIOR BENT FOOTING AND FO	DUNDAT	ION PILES	NOT VISIBLE		
	Item	Ladder Used	Grade	Y	Maint Code	Qty. 0	
	Details	NEEDED AT BENT 1 ONLY					

Date: 04/25/2018

Condition Photos



Approach 1: HAIRLINE LONGITUDINAL CRACKS AT END BENT 1 JOINT



Span 1 Deck: 6 - 2 FT. LONG X HAIRLINE LONGITUDINAL CRACKS AT END BENT 1 JOINT

Condition Photos



Span 1 Left Bridge Rail: HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 4-6 FT. SPACING



Span 1 Right Bridge Rail: HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 4-6 FT. SPACING





Span 2 Right Bridge Rail: HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 4-6 FT. SPACING



Span 2 Deck: 9-2 FT. LONG X HAIRLINE LONGITUDINAL CRACKS AT END BENT 2 JOINT

Condition Photos



Span 2 Left Bridge Rail: HAIRLINE TRANSVERSE AND VERTICAL CRACKS AT 4-6 FT. SPACING



Approach 2: HAIRLINE LONGITUDINAL CRACKS AT END BENT 2 JOINT

County: ROBESON

Date: 04/25/2018

Structure Photos



SPAN 1 BEAM 1 FAR BEARING



WEST END OF BENT 1 CAP



LOOKING EAST, NORTHBOUND LANE I-95 THRU SPAN 1



County: ROBESON

Date: 04/25/2018

Structure Photos



WEST PROFILE

County: ROBESON

Date: 04/25/2018

Structure Photos



ABUTMENT 1 PPC EARTHWALL



County: ROBESON

Date: 04/25/2018

Structure Photos



SPAN 1 BEAM 3 NEAR BEARING



EAST PROFILE

County: ROBESON

Date: 04/25/2018

Structure Photos



GUARDRAIL END TERMINAL



GUARDRAIL POST SPACING AT MID PORTION 6.25 FT.

County: ROBESON

Date: 04/25/2018

Structure Photos



LOOKING NORTH



GUARDRAIL POST SPACING AT TRANSITION 1.75 FT.

County: ROBESON

Date: 04/25/2018

Structure Photos



GUARDRAIL CONNECTION



EXTERIOR GUARDRAIL CONNECTION

County: ROBESON

Date: 04/25/2018

Structure Photos



END BENT 1 JOINT



LOOKING NORTH, OFF BRIDGE

County: ROBESON

Date: 04/25/2018

Structure Photos



LOOKING SOUTH, OFF BRIDGE



LOOKING EAST, NORTH I-95

County: ROBESON

Date: 04/25/2018

Structure Photos



LOOKING WEST, SOUTH I-95



SIMILAR RAIL - PARAPET CONNECTION

Structure Photos



END BENT 2 JOINT



LOOKING SOUTH

Structure Photos



END BENT 2



ABUTMENT 2





SUPERSTRUCTURE



Date: 04/25/2018

Structure Photos

<image>

 Structure:
 7021
 County:
 ROBESON
 Date:
 04/25/2018
 Structure Photoso

LOOKING WEST, SOUTHBOUND LANE I-95 THRU SPAN 2

Structure Data Worksheet



Span Number	Span Length	Bearing to Bearing	Crutch/ Helper Bent	Distance to Near Bearing	Distance to Far Bearing
1	107.750	102.614			
2	107.750	102.614			

IDENTIFICATION			
(1) STATE NAME -NORTH CAROLINA	BRIDGE	770	510
(8) STRUCTURE NUMBER(FEDERAL)	00	0000001550	510
(5) INVENTORY ROUTE (ON/UNDER) - ON		21003	010
(2) STATE HIGHWAY DEPARTMENT DISTRICT			1
(3) COUNTY CODE 155 (4) PLACE COE	DE	39	700
(6) FEATURE INTERSECTED - I-95			
(7) FACILITY CARRIED US301N			
(9) LOCATION 0.5 MI. N. JCT. SR1005			
(11)MILEPOINT			
(16)LAT 34° 40' 12.30" (17)LONG	79° 0' 2	1.70"	
(98)BORDER BRIDGE STATE CODE	PCT SH	IARE	
(99)BORDER BRIDGE STRUCTURE NO			
STRUCTURE TYPE AND MAT	ERIAL -		
(43) STRUCTURE TYPE MAIN: Prestressed Concrete Co	ontinuous		
TYPE - Stringer Mutlibeam or Girder		CODE	602
(44) STRUCTURE TYPE APPR :			
TYPE -		CODE	000
(45) NUMBER OF SPANS IN MAIN UNIT			2
(46) NUMBER OF APPROACH SPANS			
(107)DECK STRUCTURE TYPE - 1		CODE	
(108)WEARING SURFACE / PROTECTIVE SYSTEM :			
(A) TYPE OF WEARING SURFACE -		CODE	
(B) TYPE OF MEMBRANE -		CODE	
(C) TYPE OF DECK PROTECTION -		CODE	
AGE AND SERVICE -			
(27) YEAR BUILT		2	014
(106)YEAR RECONSTRUCTED			
(42) TYPE OF SERVICE : ON - Highway - Pedestria	an		
UNDER - Highway		CODE	51
(28) LANES: ON STRUCTURE 2 UNDER STRUC	CTURE		4
(29) AVERAGE DAILY TRAFFIC		5	500
(30) YEAR OF ADT 2013 (109) TRUCK A	DT PCT		6%
		0	MI
(48) LENGTH OF MAXIMUM SPAN		103	3 FT
(49) STRUCTURE LENGTH		216	6 FT
(50)CURB OR SIDEWALK: LEFT 0 FT	RIGHT	5.5	5 FT
(51) BRIDGE ROADWAY WIDTH CURB TO CURB		34	I FT
(52) DECK WIDTH OUT TO OUT		42.083	FT
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)		34	FT
(33) BRIDGE MEDIAN - No Median		CODE	1
(34) SKEW 37° (35) STRUCTU	RE FLARE	D	0
(10) INVENTORY ROUTE MIN VERT CLEAR		999.9	FT
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR		34	FT
(53) MIN VERT CLEAR OVER BRIDGE RDWY		999.9) FT
(54) MIN VERT UNDERCLEAR REF Highway		18.4	FT
(55) MIN LAT UNDERCLEAR RT REF Highway		37.917	FT
(56) MIN LAT UNDERCLEAR LT REF -		12.958	3 FT
		0005	, .
(38) NAVIGATION CONTROL - Not Applicable		CODE	N
		CODE	
			-
(110) VERT - LIFT BRIDGE NAV MIN VERT CLEAR			гI

(40) NAVIGATION HORIZONTAL CLEARANCE

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SUFFICIENCY RATING =
STATUS = Not Deficient
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CLASSIFICATION -- CODE YES (112)NBIS BRIDGE SYSTEM -(104)HIGHWAY SYSTEM 0 Is not on NHS (26) FUNCTIONAL CLASS - Other Principal Arterial 14 (100)STRAHNET HIGHWAY - Not a STRAHNET Route 0 (101) PARALLEL STRUCTURE - Right Parallel Structure R (102)DIRECTION OF TRAFFIC - 1-way Traffic 1 (103) TEMPORARY STRUCTURE -(110) DESIGNATED NATIONAL NETWORK - On the National Network 1 (20) TOLL On Free Road 3 (31) MAINTAIN -State Highway Agency 01 (22) OWNER -State Highway Agency 01 (37) HISTORICAL SIGNIFICANCE - Not Eligible 5

98

CONDITION	- CODE
(58) DECK	8
(59) SUPERSTRUCTURE	8
(60) SUBSTRUCTURE	8
(61) CHANNEL & CHANNEL PROTECTION	Ν
(62) CULVERTS	Ν
LOAD RATING AND POSTING	CODE
(31) DESIGN LOAD HL 93	А
(63) OPERATING RATING METHOD - Load and Resistance Factor	3
(64) OPERATING RATING - HS-50	90
(65) INVENTORY RATING METHOD - Load and Resistance Factor	3
(66) INVENTORY RATING - HS-38	68
(70) BRIDGE POSTING - No Posting Required	5
(41) STRUCTURE OPEN, POSTED ,OR CLOSED	А
DESCRIPTION - Open, No Restriction	
APPRAISAL	- CODE
(67) STRUCTURAL EVALUATION	8
	4
	0
	N
	1111
	N
(114)FUTURE ADT 11000 (115) YEAR FUTURE ADT	2025
	2025
INSPECTIONS	
(90) INSPECTION DATE	04/25/2018
(92) CRITICAL FEATURE INSPECTION : (93) CFI DATE	
A) FRACTURE CRIT DETAIL - NO A)	
B) UNDERWATER INSP - NO B)	

NO

C)

C) OTHER SPECIAL INSP

SCOUR

FT

Structure No: 770510

County: ROBESON

Run Date:

			rtical		~			u			Traffic	ance		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
1	195N	11000950	17.9	21.60	1	10095		11	2	21500	2013	74.5	Н	17.7	37.25	13	9	1	1	1
2	195S	11000950	18.6	21.60	1	10095		11	2	21500	2013	74.83	Н	18.4	37.92	12.96	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

		D	ATA ON EXISTIN	IG STRUC	TURE	Ru	n Date: 08/	/07/2018		
COUNTY : ROBESON		DIVISION : 6	DISTRICT: 1	STRU	CTURE N 77	NUMBER : 0510		LENG	TH : 216	FEET
ROUTE CARRIED :	US301N		FEATURE	INTERSEC	TED :	I-95				
LOCATED : 0.5 MI. N	I. JCT. SR1005		BRIDGE NAM	1E :			CITY : LU	IMBERTO	N	
FUNC. CLASS :	SYST.ON :	SYST.U	INDER :	ADT 8	AYR:		R	AIL TYPE	:	
14	FA		NFA		5500	2013	Ľ	T 749	RT 7	'49
BUILT : 2014	BY : DOH	PRO	J : 33901.2.1	FEI	D.AID PR	OJ : //F-095-1(87	DESIG	GN LOAD :	HL 93	
REHAB :	BY :	PROJ :	ALIGNME	NT : TAN	SKEV	V : 53	LANES : ON	2	UNDER	4
NAVIGATION : VC	FT	HC	HT. CR FT	N. TO BED	0	FT	WATER	DEPTH : 0		FT
SUPERSTRUCTURE	RC DECK	ON PRESTRE	SSED CONCRETE	MODIFIED	BULB TE	ES (CONTII	NUOUS), SI	P FORMS	, APPRO	ACH
SUBSTRUCTURE :	END BENT FOOTING	S:RC CAPS C	ON STEEL PILES; W	/ITH MSE V	VALLS, IN	IT. BENT:3 (COLUMN, R	C POST 8	& BEAM, F	יוב
SPANS :	2@107' 9"	CONTINUOUS	S, COMPOSITE							
BEAMS OR GIRDER	S: 5 LINE	ES OF 63" PRE	ESTRESSED CONC	RETE MOI	DIFIED BU	JLB TEES (CONTINUO	US) @ 8' 7	" CENTE	RS
FLOOR : 8.25" RC AWS	s, NO	ENCROACI	HMENT :		DEC	ς (ουτ το (OUT) : 42.0)83 FT		
CLEAR ROADWAY :		BETWEEN R	AILS :		SID	EWALK OR	CURB :			
3	4 FT		39.5 FT	-			LT 0	FT	RT	5.5 FT
VERT.CL.OVER : 999.9 FT										
INV.RTG. : HS-38	OPE.RTG. : F	CC HS-50	ONTR.MEMBER :		POSTE SV	D: TTS	ST	DATE		
SYSTEM : Primary U.S. Route						GREE	IN LINE RO	UTE :	Y	
UNDER ROUTES AN	ID CLEARANCES	3								
	Vertical	Clearances	Horizontal Clear	rances						

Span	Route Description	MMVC	MVC	Total	Left	Right
1	195N	17.90	17.70	74.50	13	37.25
2	195S	18.60	18.40	74.8340	12.9580	37.9170
	NI / A/I					

Note: All measurements are in feet.

Bridge Inspection Field Sketch

US 301 NBL

MEASURED AT 15 FT. SOUTH OF STRUCTURE

Roadway	30.167ft Wide	2 Paved Lanes	Looking North
Left Shoulder	1.833ft Wide	1.833ft Paved	
Right Shoulder	6.834ft Wide	2.417ft Paved	4.417ft Unpaved
Left Guardrail	1.833ft from road		
Right Guardrail	6.834ft from road		

MEASUREMENTS VERIFIED BY RLK / DLK 4/27/16 MEASUREMENTS VERIFIED BY ACS 4/25/18

Title		Descri	ption	
APPROACH ROADWAY		LOOKI	NG NORTH	
Bridge No: 770510	Drawn By: RLK		Date: 4/21/2014	File Name: S0098001528

Clear Roadway 34ft Wearing Surface Median Width Left Right 0.5ft Sidewalk Width Left Right 0.5ft Clear Roadway (Rail to Median) Left Right 1.167ft Courdrail Width Left Right 1.167ft Top of Rail to Deck/Wearing Surface Left 4.542ft Right 4.542ft Bridge Rail Left Type 56 Right 1.167ft Measurements for Span # 1 SPAN 2 IS SIMILAR 1.167ft Deck Thickness 0.917 Left Overhang 3.875 Top of Rail to Bottom of Beam 1.1 Right Overhang 3.875 Seam Number Beam Type Spacing Comments Concrete Bulb Tee 8.583ft 5 5 SUREMENTS VERIFIED BY ACS 4/25/18 SIMILAR GIRDER 3'7" 30 3'7" 3'7" 3'7" <th>Clear Roadway 34t Wearing Surface Median Width Left Right 0.5ft Curb Height Left Right 0.5ft Sidewalk Width Left Right 0.5ft Clear Roadway (Rail to Median) Left Right 1.167t Curb rail to Deck/Wearing Surface Left 4.542t Right 1.167t Dop of Rail to Deck/Wearing Surface Left Type 56 Right Type 56 Measurements for Span # 1 SPAN 2 IS SIMILAR 3.875 Deck Thickness 0.917 Left Overhang 3.875 Top of Rail to Bottom of Beam 11 Right Overhang 3.875 Beam Number Beam Type Spacing Comments Concrete Bulb Tee 8.583ft Sconcrete Bulb Tee 8.583ft S Concrete Bulb Tee 8.583ft SimiLAR GIRDER SUREMENTS VERIFIED BY ACS 4/25/18 SIMILAR GIRDER</th> <th></th> <th>Deck Width/Out to Out</th> <th>42.083ft</th> <th>Betwe</th> <th>en Rails</th> <th></th> <th>3</th> <th>39.5ft</th> <th></th>	Clear Roadway 34t Wearing Surface Median Width Left Right 0.5ft Curb Height Left Right 0.5ft Sidewalk Width Left Right 0.5ft Clear Roadway (Rail to Median) Left Right 1.167t Curb rail to Deck/Wearing Surface Left 4.542t Right 1.167t Dop of Rail to Deck/Wearing Surface Left Type 56 Right Type 56 Measurements for Span # 1 SPAN 2 IS SIMILAR 3.875 Deck Thickness 0.917 Left Overhang 3.875 Top of Rail to Bottom of Beam 11 Right Overhang 3.875 Beam Number Beam Type Spacing Comments Concrete Bulb Tee 8.583ft Sconcrete Bulb Tee 8.583ft S Concrete Bulb Tee 8.583ft SimiLAR GIRDER SUREMENTS VERIFIED BY ACS 4/25/18 SIMILAR GIRDER		Deck Width/Out to Out	42.083ft	Betwe	en Rails		3	39.5ft	
Median Width Median Height Curb Height Left Right 0.5ft Sidewalk Width Left Right 1.5ft Clear Roadway (Rail to Median) Left Right 1.167ft Guardrail Width Left Right 1.167ft Top of Rail to Deck/Wearing Surface Left 4.542ft Bridge Rail Left Type 56 Measurements for Span # 1 SPAN 2 IS SIMILAR Deck Thickness 0.917 Left Overhang 3.875 Top of Rail to Bottom of Beam 11 Right Overhang 3.875 Beam Number Beam Type Spacing Comments 1 Concrete Bulb Tee 8.583ft	Median Width Median Height Curb Height Left Right 0.5ft Sidewalk Width Left Right 5.5ft Clear Roadway (Rail to Median) Left Right 1.167t Guardrail Width Left 1.167tt Right 1.167t Top of Rail to Deck/Wearing Surface Left 1.167tt Right 1.5ft Bridge Rail Left 1.167tt Right 1.167tt Top of Rail to Deck/Wearing Surface Left 1.167tt Right 1.5ft Bridge Rail Left Type 56 Right Type 56 Measurements for Span # 1 SPAN 2 IS SIMILAR 3.875 Deck Thickness 0.917 Left Overhang 3.875 Top of Rail to Bottom of Beam 11 Right Overhang 3.875 1 Concrete Bulb Tee 8.583ft - - 2 Concrete Bulb Tee 8.583ft - - 3 Concrete Bulb Tee 8.583ft - - - 4 Concrete Bulb Tee 8.583ft - -		Clear Roadway	34ft	Weari	ng Surface				
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Image: Top of Rail to Deck/Wearing Surface Left 4.542ft Right 4.542ft Bridge Rail Left Type 56 Right Type 56 Measurements for Span # 1 SPAN 2 IS SIMILAR Deck Thickness 0.917 Left Overhang 3.875 Top of Rail to Bottom of Beam 11 Right Overhang 3.875 Beam Number Beam Type Spacing Comments 1 Concrete Buib Tee 8.583ft 3 2 Concrete Buib Tee 8.583ft 4 Concrete Buib Tee 8.583ft 3 Concrete Buib Tee 8.583ft SIMILAR GIRDER SUREMENTS VERIFIED BY ACS 4/25/18 SIMILAR GIRDER 3' 7" 1 1 1 1 Concrete Buib Tee 8.583ft SIMILAR GIRDER 3' 7" 1 1 1 1 2 0 1 1 1 1 4 Concrete Buib Tee 8.583ft 1 1 ASUREMENTS VERIFIED BY ACS 4/25/18 SIMILAR GIRDER 3' 7" 1 2 1 1 1 <td>Top of Rail to Deck/Wearing Surface Left 4.542ft Right 4.542ft Bridge Rail Left Type 56 Right Type 56 Measurements for Span # 1 SPAN 2 IS SIMILAR 3.875 Deck Thickness 0.917 Left Overhang 3.875 Top of Rail to Bottom of Beam 11 Right Overhang 3.875 Beam Number Beam Type Spacing Comments 1 Concrete Bulb Tee ft 2 2 Concrete Bulb Tee 8.583ft 3 3 Concrete Bulb Tee 8.583ft 5 4 Concrete Bulb Tee 8.583ft 5 5 Concrete Bulb Tee 8.583ft 5 4 Concrete Bulb Tee 8.583ft 5 SUREMENTS VERIFIED BY RLK / DLK 4/27/16 SIMILAR GIRDER SUREMENTS VERIFIED BY ACS 4/25/18 SIMILAR GIRDER 3' 7" 1 1 5' 0 0 0 6' 0 0 0 6' 0 0 0 7'' 0</td> <td>20-2</td> <td>Guardrail Width</td> <td></td> <td>Left</td> <td>1.167ft</td> <td>Right</td> <td>1.167</td> <td>′ft</td> <td></td>	Top of Rail to Deck/Wearing Surface Left 4.542ft Right 4.542ft Bridge Rail Left Type 56 Right Type 56 Measurements for Span # 1 SPAN 2 IS SIMILAR 3.875 Deck Thickness 0.917 Left Overhang 3.875 Top of Rail to Bottom of Beam 11 Right Overhang 3.875 Beam Number Beam Type Spacing Comments 1 Concrete Bulb Tee ft 2 2 Concrete Bulb Tee 8.583ft 3 3 Concrete Bulb Tee 8.583ft 5 4 Concrete Bulb Tee 8.583ft 5 5 Concrete Bulb Tee 8.583ft 5 4 Concrete Bulb Tee 8.583ft 5 SUREMENTS VERIFIED BY RLK / DLK 4/27/16 SIMILAR GIRDER SUREMENTS VERIFIED BY ACS 4/25/18 SIMILAR GIRDER 3' 7" 1 1 5' 0 0 0 6' 0 0 0 6' 0 0 0 7'' 0	20-2	Guardrail Width		Left	1.167ft	Right	1.167	′ft	
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		4 5	Concrete Bulb Tee Concrete Bulb Tee	8.583ft						
is 2 167	3' 7" 3' 7" 2.167	4 5 ASUREMENT	Concrete Bulb Tee Concrete Bulb Tee TS VERIFIED BY RLK / DL	8.583ft K 4/27/16				SIMI	I AR G	
2 167	¹ 57 15 10 2.167	4 5 ASUREMEN ^T ASUREMEN	Concrete Bulb Tee Concrete Bulb Tee TS VERIFIED BY RLK / DL TS VERIFIED BY ACS 4/25	8.583ft 8.583ft K 4/27/16 5/18				SIMI	LAR G	GIRDER
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2 167	2.167	4 5 ASUREMEN ^T ASUREMEN ^T	Concrete Bulb Tee Concrete Bulb Tee TS VERIFIED BY RLK / DL TS VERIFIED BY ACS 4/25	8.583ft 8.4/27/16 5/18				SIMI		GIRDER 3' 7"
2 167	2.167	4 5 ASUREMEN ⁻ ASUREMEN ⁻	Concrete Bulb Tee Concrete Bulb Tee TS VERIFIED BY RLK / DL TS VERIFIED BY ACS 4/25	8.583ft 8.4/27/16 5/18				SIMIS	LAR G	GIRDER 3' 7"
2 167	2.167	4 5 ASUREMEN ^T ASUREMEN ^T	Concrete Bulb Tee Concrete Bulb Tee TS VERIFIED BY RLK / DL TS VERIFIED BY ACS 4/25	8.583ft 8.4/27/16 5/18				5.25'	LAR G	GIRDER 3' 7"
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		4 5 ASUREMEN ⁻	Concrete Bulb Tee Concrete Bulb Tee TS VERIFIED BY RLK / DL TS VERIFIED BY ACS 4/25	8.583ft 8.4/27/16 5/18				5.25'	LAR G	SIRDER 3' 7" 2.167
		4 5 ASUREMEN ^T ASUREMEN	Concrete Bulb Tee Concrete Bulb Tee TS VERIFIED BY RLK / DL TS VERIFIED BY ACS 4/25	8.583ft 8.583ft K 4/27/16 5/18				5.25' 5.25	LAR G	BIRDER 3' 7" 2.167
		4 5 ASUREMEN [®]	Concrete Bulb Tee Concrete Bulb Tee TS VERIFIED BY RLK / DL TS VERIFIED BY ACS 4/25	8.583ft 8.583ft K 4/27/16 5/18				5.25' 5.25'	LAR G	SIRDER 3' 7"
		4 5 ASUREMEN ⁻	Concrete Bulb Tee Concrete Bulb Tee TS VERIFIED BY RLK / DL TS VERIFIED BY ACS 4/25	8.583ft K 4/27/16 5/18				5.25' 5.25'	LAR G	BIRDER 3' 7" 2.167
EEL INT. DIAPS. AT 1/3 , 2/3 POINTS IN BOTH SPANS	EEL INT. DIAPS. AT 1/3 , 2/3 POINTS IN BOTH SPANS	4 5 ASUREMEN ASUREMEN	Concrete Bulb Tee Concrete Bulb Tee TS VERIFIED BY RLK / DL TS VERIFIED BY ACS 4/25	8.583ft K 4/27/16 5/18 2/3 POIN	TS II	ΝΒΟΤΗ	SPAI	5.25' 5.25' SV	LAR G	SIRDER 3' 7" 2.167
EEL INT. DIAPS. AT 1/3 , 2/3 POINTS IN BOTH SPANS	EEL INT. DIAPS. AT 1/3 , 2/3 POINTS IN BOTH SPANS	4 5 ASUREMEN ASUREMEN EEL INT	Concrete Bulb Tee Concrete Bulb Tee TS VERIFIED BY RLK / DL TS VERIFIED BY ACS 4/25	8.583ft K 4/27/16 5/18 2/3 POIN	TS II	N BOTH	SPAI	1MI 2 ^{:52}	LAR G	BIRDER 3' 7" 2.167
EEL INT. DIAPS. AT 1/3 , 2/3 POINTS IN BOTH SPANS Description	EEL INT. DIAPS. AT 1/3 , 2/3 POINTS IN BOTH SPANS Description	4 5 ASUREMEN ASUREMEN	Concrete Bulb Tee Concrete Bulb Tee TS VERIFIED BY RLK / DL TS VERIFIED BY ACS 4/25	8.583ft K 4/27/16 5/18 2/3 POIN	TS II Desc	N BOTH	SPAI	SIMI 2 [:] 52! 2 S	LAR G	SIRDER 3' 7" 2.167
EEL INT. DIAPS. AT 1/3 , 2/3 POINTS IN BOTH SPANS	EEL INT. DIAPS. AT 1/3 , 2/3 POINTS IN BOTH SPANS	4 5 ASUREMENT ASUREMENT EEL INT RSTRUCTU	Concrete Bulb Tee Concrete Bulb Tee TS VERIFIED BY RLK / DL TS VERIFIED BY ACS 4/25	8.583ft K 4/27/16 5/18	TS II Desc SIMI	N BOTH	SPAI	1MI2 2:52 2V	LAR G	SIRDER 3' 7" 2.167

		Bri	dge l	nsp	ectio	n Fiel	ld S	ketch		
Cap Int	formation		Material (Cast-in-P	Place Concret	ie				
Lengt	n VVidth ft 4.667.ft	4 000 ft	Left Overn	nang ft	5 250 ft	ang Left Be	eam to En 192 ft	id of Cap. R	2 750 ft	nd of Cap.
Subcar	o Information	1.000 11.	Material		0.200 11.	2.7	0211.		2.700 1.	
Lengt	h Width	Height	Left Overh	nang	Right Overha	ang Left Pi	le to Splic	æ.		
Lengt	h Width	Height	Material							
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacemer	nt? Removed?	Collar?
1	Concrete	40.6	3.5 ft.			Vertical	No	No	No	No
2	Concrete	19 π. 19 ft	3.5 π. 3.5 ft			Vertical	NO	NO	NO	NO
EBTS	: RC CAPS OI	N STL. PI				ARTHWAL	L			NO
			DINLINI		. / / 10					
	I DEMENITO)		DV ACS 4	105/10						
MEAS	UREMENTS \	/ERIFIED	BY ACS 4	/25/18						
MEAS	UREMENTS \	/ERIFIEC	BY ACS 4,	/25/18						
MEAS	UREMENTS \	/ERIFIED	BY ACS 4	/25/18						
MEAS	UREMENTS \	/ERIFIED	BY ACS 4	/25/18						
MEAS	UREMENTS \	/ERIFIED	BY ACS 4	/25/18						
MEAS	UREMENTS \	/ERIFIED	BY ACS 4	/25/18						
MEAS	UREMENTS \	/ERIFIED	BY ACS 4	/25/18						
MEAS Bent/A	UREMENTS \	/ERIFIED	BY ACS 4	/25/18	NONE					
MEAS Bent/A tle	UREMENTS \	/ERIFIED	BY ACS 4	/25/18 ents:	NONE	escription				
MEAS MEAS Bent/A tle JBSTR	UREMENTS \ butment #: 1	/ERIFIED	BY ACS 4	/25/18	NONE D	escription ENT 1				

		Bridge In	spection I	-ield	Sketch		
		NBL US 301					
		Span 1					
1		NBL I-95 MP 21.6					
	11.667 FT	24.25 FT	10.667	=т	26.583 FT	ABL	
Roadway 1	4 D-:1	11 667ET	Direction	of Traffic	North		
Distance to Lef	ft Rail ft Toe of Slope	11.007F1	Distance	to Right Rail to Left Bent	13FT		
Distance to Rig	ght Toe of Slope	17.9 Et at Beam 1, 10 ET fro		to Right Bent	37.25FT		
			1/07/46	<u>GE OF PAVEME</u>	ENT		
ASUREME ASUREME	ENTS VERIF	FIED BY RLK / DLK 4	4/27/16	GE OF PAVEME	ENT		
ASUREME ASUREME	ENTS VERIF	FIED BY RLK / DLK 4	J/27/16	<u>iption</u>	ENT		
ASUREME ASUREME	ENTS VERIF	FIED BY RLK / DLK 4 TED BY RLK 4/25/18	JUSTICAL DESCR Descr LOOK	iption	H		

			US 301				
			Spap 2				
1	SBL	-95 MP 21.6	Span 2			EBT2 EARTHWALI	
	11.625 FT	23.959 FT	11.083 FT	:	26.833 FT		
Roadway 1 Distance to Le	ft Rail	11.625FT	Direction of Tra Distance to Rig	iffic So ht Rail	uth		
Distance to Left Toe of Slope Distance to Right Toe of Slope MMVC		18.6 Ft at Beam 1, 10 FT from 10' F	Distance to Lef Distance to Rig ROM RT WHITE LINE	Distance to Left Bent 12.958F Distance to Right Bent 37.917F /HITE LINE		;FT ?FT	
ASUREME	ENTS VERIF	FIED BY RLK / DLK 4/27/1	10				
le			Descriptio	on			