



NC DEPARTMENT OF TRANSPORTATION ATTENTION
DIVISION OF HIGHWAYS
BRIDGE MAINTENANCE UNIT

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY ROBESON BRIDGE NUMBER 770167 INSPECTION CYCLE 2 YRS
ROUTE SR1723 ACROSS I95 M.P. 0

LOCATION 0.3 MI W JCT SR1904

SUPERSTRUCTURE REINFORCED CONCRETE FLOOR ON PRESTRESSED CONCRETE GIRDERS

SUBSTRUCTURE E.BTS:RC CAPS/PPC PILES;INT.BTS:RCP&B;BT.3/PILE FTG.

SPANS 1@52'6";2@55';1@52'6"

LONGITUDE 78° 57' 43.1"

LATITUDE 34° 52' 50.5"

PRESENT CONDITION FAIR

INVENTORY RATING H5-20

INSPECTION DATE 03/07/2007

OPERATING RATING H5-39

PRESENT POSTING Not Posted

PROPOSED POSTING N.P.

COMPUTER UPDATE 9-7-07

ANALYSIS DATE 8-30-07

POSTING LETTER DATE _____

SUFFICIENCY RATING _____

OTHER SIGNS PRESENT _____



SIGN NOTICE ISSUED FOR	NUMBERED REQUIRED
<u>No</u> WEIGHT LIMIT	_____
<u>No</u> DELINEATORS	_____
<u>No</u> NARROW BRIDGE	_____
<u>No</u> ONE LANE BRIDGE	_____
<u>No</u> LOW CLEARANCE	_____

WEST APPROACH LOOKING EAST

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

Run Date: 09/07/2007

IDENTIFICATION				CLASSIFICATION		CODE
(1) STATE NAME -NORTH CAROLINA	BRIDGE	770167		SUFFICIENCY RATING =		73.6
(8) STRUCTURE NUMBER(FEDERAL)		000000001550167		STATUS =	Functionally Obsolete	
INVENTORY ROUTE (ON/UNDER) - ON		131017230				
(2) STATE HIGHWAY DEPARTMENT DISTRICT		6				
(3) COUNTY CODE 155	(4) PLACE CODE			(112)NBIS BRIDGE SYSTEM -		YES
(6) FEATURE INTERSECTED - I95				(104)HIGHWAY SYSTEM	NON NHS Route	0
(7) FACILITY CARRIED SR1723				(26) FUNCTIONAL CLASS -	Local	09
(9) LOCATION 0.3 MI W JCT SR1904				(100)STRAHNET HIGHWAY -	Not a STRAHNET Route	0
(11)MILEPOINT		0		(101)PARALLEL STRUCTURE -	No Parallel Structure	N
(16)LAT 34° 52' 50.5"	(17)LONG 78° 57' 43.1"			(102)DIRECTION OF TRAFFIC -	2-way Traffic	2
(98)BORDER BRIDGE STATE CODE	PCT SHARE			(103)TEMPORARY STRUCTURE -	Not Temporary	
(99)BORDER BRIDGE STRUCTURE NO				(110)DESIGNATED NATIONAL NETWORK -	Not Part of	0
STRUCTURE TYPE AND MATERIAL				(20) TOLL	On Free Road	3
(43) STRUCTURE TYPE MAIN: Prestressed Concrete				(31) MAINTAIN -	State Highway Agency	01
TYPE - Stringer Mutlibleam or Girder	CODE	502		(22) OWNER -	State Highway Agency	01
(44) STRUCTURE TYPE APPR : Prestressed Concrete				(37) HISTORICAL SIGNIFICANCE -	Not Eligible	5
TYPE - Slab	CODE	501		CONDITION		
(45) NUMBER OF SPANS IN MAIN UNIT		3		(58) DECK		6
(46) NUMBER OF APPROACH SPANS		1		(59) SUPERSTRUCTURE		6
(107)DECK STRUCTURE TYPE - Concrete cast-in-place	CODE	1		(60) SUBSTRUCTURE		7
(108)WEARING SURFACE / PROTECTIVE SYSTEM :				(61) CHANNEL & CHANNEL PROTECTION		N
(A) TYPE OF WEARING SURFACE - Bituminous	CODE	6		(62) CULVERTS		N
(B) TYPE OF MEMBRANE - None	CODE	0		LOAD RATING AND POSTING		
(C) TYPE OF DECK PROTECTION - None	CODE	0		(31) DESIGN LOAD	HS 15	3
AGE AND SERVICE				(64) OPERATING RATING -	HS-39	170
(27) YEAR BUILT		1959		(66) INVENTORY RATING -	HS-20	136
(106)YEAR RECONSTRUCTED		0		(70) BRIDGE POSTING -	Posting Required	5
(42) TYPE OF SERVICE : ON - Highway				(41) STRUCTURE OPEN, POSTED ,OR CLOSED		A
UNDER - Highway	CODE	11		DESCRIPTION -	Open, No Restriction	
(28) LANES: ON STRUCTURE 2	UNDER STRUCTURE	4		APPRAISAL		
(29) AVERAGE DAILY TRAFFIC		2300		(67) STRUCTURAL EVALUATION		6
(30) YEAR OF ADT 2005	(109) TRUCK ADT PCT	6 %		(68) DECK GEOMETRY		2
(19) BYPASS OR DETOUR LENGTH		6 MI		(69) UNDERCLEARANCES,VERTI & HORIZ		2
GEOMETRIC DATA				(71) WATERWAY ADEQUACY		N
(48) LENGTH OF MAXIMUM SPAN		55 FT		(72) APPROACH ROADWAY ALIGNMENT		8
(49) STRUCTURE LENGTH		215 FT		(36) TRAFFIC SAFETY FEATURES		0010
(50)CURB OR SIDEWALK: LEFT 1.1 FT RIGHT		1.1 FT		(11)SCOUR CRITICAL BRIDGES		N
(51) BRIDGE ROADWAY WIDTH CURB TO CURB		24.0 FT		PROPOSED IMPROVEMENTS		
(52) DECK WIDTH OUT TO OUT		26.5 FT		(75) TYPE OF WORK -	CODE	311
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)		19.0 FT		(76) LENGTH OF STRUCTURE IMPROVEMENT		215 FT
(33) BRIDGE MEDIAN - No Median	CODE	0		(94) BRIDGE IMPROVEMENT COST		\$519,000
(34) SKEW 10° (35) STRUCTURE FLARED		NO		(95) ROADWAY IMPROVEMENT COST		\$130,000
(10) INVENTORY ROUTE MIN VERT CLEAR		99 FT 99 IN		(96) TOTAL PROJECT COST		\$779,000
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR		24.0 FT		(97) YEAR OF IMPROVEMENT COST ESTIMATE		207
(53) MIN VERT CLEAR OVER BRIDGE RDWY		99 FT 99 IN		(114)FUTURE ADT 4600	(115) YEAR FUTURE ADT	2025
(54) MIN VERT UNDERCLEAR REF Highway		14 FT 07 IN		INSPECTIONS		
(55) MIN LAT UNDERCLEAR RT REF Highway		8.8 FT		(90) INSPECTION DATE		03/07/2007
(56) MIN LAT UNDERCLEAR LT REF -		16.4 FT		(92) CRITICAL FEATURE INSPECTION :	(93) CFI DATE	
NAVIGATION DATA				A) FRACTURE CRIT DETAIL -	NO	A)
(38) NAVIGATION CONTROL - Not Applicable	CODE	N		B) UNDERWATER INSP -	NO	B)
(111)PIER PROTECTION - Not Applicable	CODE			C) OTHER SPECIAL INSP	NO	C)
(39) NAVIGATION VERTICAL CLEARANCE		0		SCOUR		
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR						
(40) NAVIGATION HORIZONTAL CLEARANCE		0				

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

Run Date: 09/07/2007

IDENTIFICATION					
(1) STATE NAME -NORTH CAROLINA	BRIDGE	770167		SUFFICIENCY RATING =	73.6
(8) STRUCTURE NUMBER(FEDERAL)		00000001550167		STATUS =	Functionally Obsolete
INVENTORY ROUTE (ON/UNDER) - UNDER		211000950			
(2) STATE HIGHWAY DEPARTMENT DISTRICT		6			
(3) COUNTY CODE	155	(4) PLACE CODE		CLASSIFICATION	CODE
(6) FEATURE INTERSECTED -	I95			(112)NBIS BRIDGE SYSTEM -	YES
(7) FACILITY CARRIED	SR1723			(104)HIGHWAY SYSTEM	NHS Route 1
(9) LOCATION	0.3 MI W JCT SR1904			(26) FUNCTIONAL CLASS -	Arterial - Interstate 01
(11)MILEPOINT		0		(100)STRAHNET HIGHWAY -	Interstate STRAHNET Route 1
(16)LAT	34° 52' 50.5"	(17)LONG	78° 57' 43.1"	(101)PARALLEL STRUCTURE -	No Parallel Structure N
(98)BORDER BRIDGE STATE CODE		PCT SHARE		(102)DIRECTION OF TRAFFIC -	2-way Traffic 2
(99)BORDER BRIDGE STRUCTURE NO				(103)TEMPORARY STRUCTURE -	Not Temporary
				(110)DESIGNATED NATIONAL NETWORK -	Is Part of
				(20) TOLL	On Free Road 3
				(31) MAINTAIN -	State Highway Agency 01
				(22) OWNER -	State Highway Agency 01
				(37) HISTORICAL SIGNIFICANCE -	Not Eligible 5
STRUCTURE TYPE AND MATERIAL				CONDITION	
(43) STRUCTURE TYPE MAIN:	Prestressed Concrete			(58) DECK	6
TYPE -	Stringer Multibeam or Girder	CODE	502	(59) SUPERSTRUCTURE	6
(44) STRUCTURE TYPE APPR :	Prestressed Concrete			(60) SUBSTRUCTURE	7
TYPE -	Slab	CODE	501	(61) CHANNEL & CHANNEL PROTECTION	N
(45) NUMBER OF SPANS IN MAIN UNIT			3	(62) CULVERTS	N
(46) NUMBER OF APPROACH SPANS			1		
(107)DECK STRUCTURE TYPE -	Concrete cast-in-place	CODE	1	LOAD RATING AND POSTING	
(108)WEARING SURFACE / PROTECTIVE SYSTEM :				(31) DESIGN LOAD	HS 15 3
(A) TYPE OF WEARING SURFACE -	Bituminous	CODE	6	(64) OPERATING RATING -	HS-39 170
(B) TYPE OF MEMBRANE	None	CODE	0	(66) INVENTORY RATING -	HS-20 136
(C) TYPE OF DECK PROTECTION -	None	CODE	0	(70) BRIDGE POSTING -	Posting Required 5
				(41) STRUCTURE OPEN, POSTED ,OR CLOSED	A
				DESCRIPTION -	Open, No Restriction
AGE AND SERVICE				APPRAISAL	
(27) YEAR BUILT			1959	(67) STRUCTURAL EVALUATION	6
(106)YEAR RECONSTRUCTED			0	(68) DECK GEOMETRY	2
(42) TYPE OF SERVICE : ON -	Highway			(69) UNDERCLEARANCES,VERTI & HORIZ	2
UNDER -	Highway	CODE	11	(71) WATERWAY ADEQUACY	N
(28) LANES: ON STRUCTURE	2 UNDER STRUCTURE		4	(72) APPROACH ROADWAY ALIGNMENT	8
(29) AVERAGE DAILY TRAFFIC			43000	(36) TRAFFIC SAFETY FEATURES	0010
(30) YEAR OF ADT	2005	(109) TRUCK ADT PCT	6 %	(11)SCOUR CRITICAL BRIDGES	N
(19) BYPASS OR DETOUR LENGTH			6 MI	PROPOSED IMPROVEMENTS	
GEOMETRIC DATA				(75) TYPE OF WORK -	CODE 311
(48) LENGTH OF MAXIMUM SPAN			55 FT	(76) LENGTH OF STRUCTURE IMPROVEMENT	215 FT
(49) STRUCTURE LENGTH			215 FT	(94) BRIDGE IMPROVEMENT COST	\$519,000
(50)CURB OR SIDEWALK: LEFT	1.1 FT RIGHT		1.1 FT	(95) ROADWAY IMPROVEMENT COST	\$130,000
(51) BRIDGE ROADWAY WIDTH CURB TO CURB			24.0 FT	(96) TOTAL PROJECT COST	\$779,000
(52) DECK WIDTH OUT TO OUT			26.5 FT	(97) YEAR OF IMPROVEMENT COST ESTIMATE	207
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)			19.0 FT	(114)FUTURE ADT	4600
(33) BRIDGE MEDIAN -	No Median	CODE	0	(115) YEAR FUTURE ADT	2025
(34) SKEW	10° (35) STRUCTURE FLARED		NO	INSPECTIONS	
(10) INVENTORY ROUTE MIN VERT CLEAR			16 FT 01 IN	(90) INSPECTION DATE	03/07/2007
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR			46.8 FT	(92) CRITICAL FEATURE INSPECTION :	(93) CFI DATE
(53) MIN VERT CLEAR OVER BRIDGE RDWY			99 FT 99 IN	A) FRACTURE CRIT DETAIL -	NO A)
(54) MIN VERT UNDERCLEAR REF	Highway		14 FT 07 IN	B) UNDERWATER INSP -	NO B)
(55) MIN LAT UNDERCLEAR RT REF	Highway		8.8 FT	C) OTHER SPECIAL INSP	NO C)
(56) MIN LAT UNDERCLEAR LT REF -			16.4 FT	SCOUR	
NAVIGATION DATA					
(38) NAVIGATION CONTROL -	Not Applicable	CODE	N		
(111)PIER PROTECTION -	Not Applicable	CODE			
(39) NAVIGATION VERTICAL CLEARANCE			0		
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR					
(40) NAVIGATION HORIZONTAL CLEARANCE			0		

BRIDGE INSPECTION RECORD AND SUMMARY

INSPECTION TYPE Routine Inspection
 BRIDGE NO. 770167 COUNTY ROBESON ROUTE SR1723 OVER I95
 STRUCTURE TYPE REINFORCED CONCRETE FLOOR ON PRESTRESSED CONCRETE GIRDERS
 ROUTE ORIENTATION W - E SPANS 1@52'6;2@55';1@52'6

EVALUATION CODE: 0-2 CRITICAL, 3 & 4 POOR, 5 & 6 FAIR, 7-9 GOOD

INSPECTION ITEM			ITEM 61		
DECK ITEMS		GRADES			
1. WEARING SURFACE		8	45. CHANNEL & CHANNEL PROT.		
			a. WATERWAY		
			b. ALIGNMENT		
			c. SCOUR		
			d. SLOPE PROT., RIP-RAP, DIKES, ETC.		
2. DECK NO. OF EA TYPE SPN GRADE RATES SI & A ITEM 58	a. CONCRETE	4	50. APPROACH ROADWAY CONDITION		
	b. TIMBER		51. APPROACH SLABS		
	c. STEEL PLANK		52. PAINT SYSTEM CODE		
	d. OPEN GRID		53. UTILITIES		
3. RAILING	a. CONCRETE	8	54. RESPONSE TO LIVE LOAD		
	b. TIMBER		55. ESTIMATED REMAINING LIFE		
	c. ALUMINUM				
	d. STEEL				
4. CURBS, WHEELGUARDS, PARAPETS, MEDIANS		8			
5. WALKWAYS (ON OR ATTACHED TO STRUCTURE)			60. REGULATORY SIGN NOTICE ISSUED		
			61. PROMPT-ACTION NOTICE ISSUED		
			62. PRESENTLY POSTED		
			63. TOT. FIELD INSP TIME (INCLUDE WRITE UP)(MAN HR)		
			64. TOTAL SNOOPER INSP. TIME (HRS)		
			65. TOTAL TRAFFIC CONTROL TIME (MAN HRS)		
7. DECK DEBRIS (INCLUDES EXCESS SAND/GRAVEL)		8			
			70. SI&A GENERAL CONDITION RATINGS		
SUPER STR. (FM. 1 (90)B TRUSS) ITEM 59			a. DECK	ITEM 58	6
10. LONGITUDINAL BEAMS OR GIRDERS		6	b. SUPERSTRUCTURE	ITEM 59	6
11. LONGITUDINAL JOIST OR STRINGERS			c. SUBSTRUCTURE	ITEM 60	7
12. INT. DIAP'S, X-FRAMES, BRACING & CONN'S		8	d. CHANNEL & CHANNEL PROT.	ITEM 61	
13. END DIAP'S, CURTAIN WALLS, & CONN'S		8			
14. FLOOR BEAMS AND CONNECTIONS			71. SI&A FIELD APPRAISAL RATINGS		
15. BEARING ASSEMBLIES (INCLUDING MISALIGN)		7	a. WATERWAY ADAQUACY		
16. DRAINAGE SYSTEM (ON STRUCTURE)		8	b. APPR. RDWY. ALIGNMENT		
17. MOVABLE SPAN MACHINARY					
			72. FIELD SCOUR EVALUATION		
SUB STR. ITEMS. ITEM 60 (INCLUDE SCOUR)			USE OF INSP. ACCESSIBILITY EQUIPMENT		
35. TIM SUB STR.	a. ABUT. & INT. BENT CAPS & RISERS				
	b. PILES, POST, SILLS, & BRACING		SNOOPER (CODE S, 4, OR N)	HRS	No
	c. BULKHEADS, WING'S, & TIE BACKS		LADDER		No
36. CONC SUB STR.	a. ABUT. & INT. BENT CAPS		BUCKET TRUCK		
	b. ABUT. & BENT COL'S BREASTWALLS		BOAT		
	c. ABUT. & INT. BENT PILES		OTHER		
	d. BACKWALLS, WING'S, RETAIN. WALLS				
	e. ABUT. & BENT FOOTINGS & SILLS				
37. STEEL SUB STR.	a. ABUT. & INT. BENT CAPS & RISERS		SPECIAL INSPECTION REQUESTED FOR		
	b. PILES, BRACING, AND BULKHEADS				
38. FOUNDATION PILES TYPE MATERIAL		8	NOTE		
39. SLOPE PROT., RIP-RAP (INCLUDE DRAINAGE)		8			
40. FENDER SYSTEMS			80. INSPECTED BY:	<i>Vance Sherris</i>	
41. DRIFT			81. REVIEWED BY:		

State of North Carolina
 Dept. of Transportation
 Division of Highways

FIELD INSPECTION REPORT

Bridge Inspeccion & Analysis

Team Leader **VANCE WRENN**

Assisted By **CRB**

Item No.	Grade	
1	8	ASPHALT WEARING SURFACE CRACKING 3 IN. AND 4 IN. WIDE AT BENT 3 EXPANSION JOINT ASPHALT WEARING SURFACE CRACKING OVER BENT EXPANSION JOINTS
6d	6	EXPANSION JOINT MATERIAL FALLING OUT OF BENT 3 JOINT
10	6	SPALL 3.5 FT. X 8 IN. X 3/4 IN. DEEP ON BOTTOM FLANGE OF GIRDER 4 SPAN 3 OVER 95 NORTH BOUND OUTSIDE LANE. NO EXPOSED CABLES VEHICULAR SCRAPE MARKS ON BOTTOM OF GIRDERS IN SPAN 3 OVER 95 NORTH BOUND SPALL 4 IN. X 5 IN. X 3/4 IN. DEEP ON BOTTOM SOUTH CORNER OF GIRDER 3 FLANGE IN SPAN 3 OVER 95 NORTH BOUND OUTSIDE LANE 3 SMALL SPALLS 5 IN. X 3 IN. X 1/2 IN. DEEP MAXIMUM ON BOTTOM SOUTH CORNER OF GIRDER 1 FLANGE OVER 95 NORTH BOUND OUTSIDE LANE
15	7	SURFACE RUST AT BEARING ASSEMBLY GIRDER 3 EB1 SURFACE RUST AT ALL BEARING ASSEMBLIES
36b	7	1/32 IN. VERTICAL CRACK ON NORTH FACE OF BENT 3 COLUMN 1 AT CENTER OF COLUMN 2 VERTICAL HAIRLINE TO 1/32 IN. CRACKS ON SOUTH FACE OF BENT 3 COLUMN 2 6 FT. MAXIMUM LENGTH. VERTICAL HAIRLINE TO 1/32 IN. CRACKS ON ALL FACES OF COLUMN 2 BENT 3 AND ON 3 FACES OF COLUMN 1
36c	8	NOT VISIBLE
36d	8	12 IN. X 5 IN. SPALL ON FILL FACE CORNER OF NORTHWEST WINGWALL WALL AT END BENT 1
36e	8	NOT VISIBLE
38	8	NOT VISIBLE
50	8	GUARDRAIL DAMAGE 14 FT. LONG AT SOUTHWEST CORNER TRANSVERSE CRACKS IN ASPHALT WEARING SURFACE AT EAST APPROACH

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 770167

County ROBESON

Date: 03/07/2007

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

Function Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
578	General Maintenance of superstructure	Man-Hours	120	SPALL AT GIRDER 4 SPAN 3	



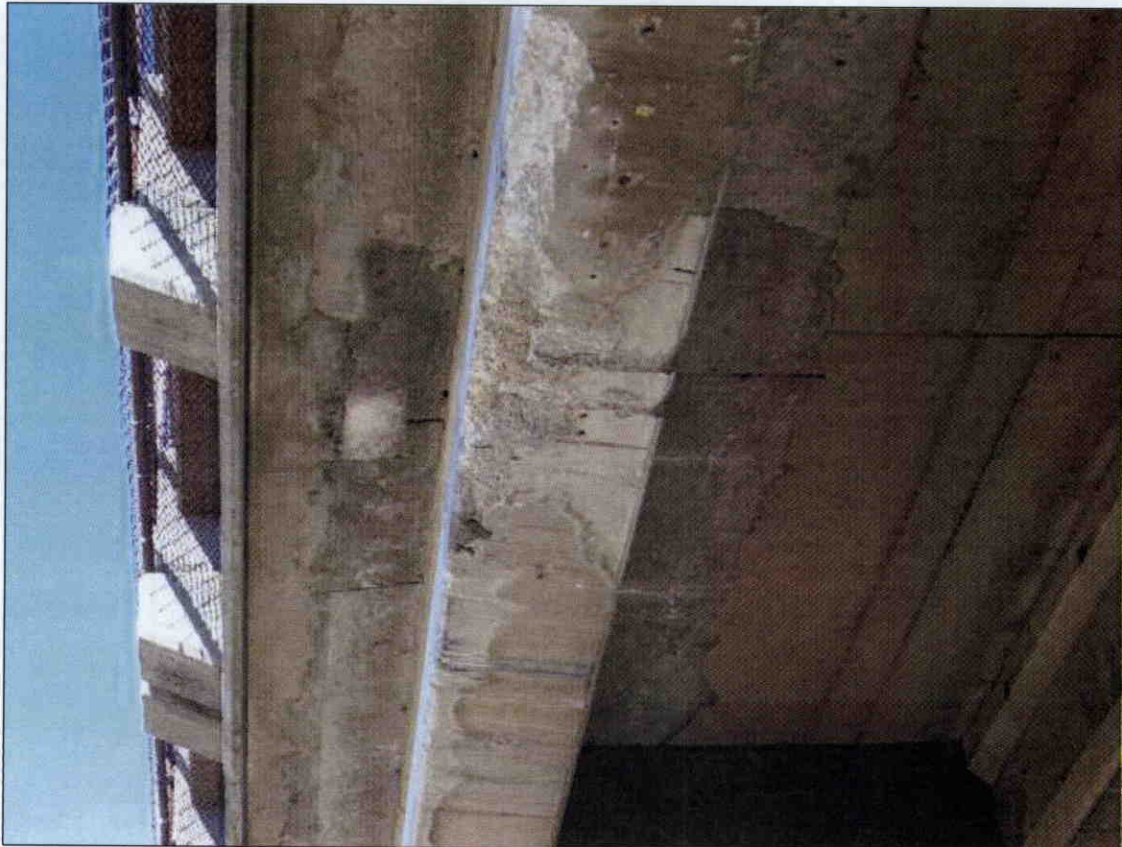
ASPHALT WEARING SURFACE CRACKING 3 IN. AND 4 IN. WIDE AT BENT 3 EXPANSION JOINT



GUARDRAIL DAMAGE 14 FT. LONG AT SOUTHWEST CORNER



SURFACE RUST AT BEARING ASSEMBLY GIRDER 3 EB1



SPALL 3.5 FT. X 8 IN. X 3/4 IN. DEEP ON BOTTOM FLANGE OF GIRDER 4 SPAN 3 OVER 95 NORTH BOUND
OUTSIDE LANE. NO EXPOSED CABLES



1/32 IN. VERTICAL CRACK ON NORTH FACE OF BENT 3 COLUMN 1 AT CENTER OF COLUMN

BRIDGE MAINTENANCE UNIT
DATA ON EXISTING STRUCTURE

RUN DATE 09/07/2007

COUNTY : ROBESON DIV : 6 DIST : 1 STRUCTURE NUMBER : 770167 LENGTH : 215 FEET

ROUTE CARRIED : SR1723 FEATURE INTERSECTED : 195

LOCATED : 0.3 MI W JCT SR1904 BRIDGE NAME :

FUNC. CLASS : 09 SYST.ON : NFA SYST.UNDER : FA ADT & YR : 2300 2005 RAIL TYPE : LT 141 RT 141

BUILT : 1959 BY : SHC PROJ : 8.13962 FED.AID PROJ : DESIGN LOAD : HS 15

REHAB : 0 BY : DBM PROJ : ALIGNMENT : TAN 80 LANES : ON 2 UNDER 4

NAVIGATION : VC 0 FT HC 0 HT. CRN. TO BED : 0 FT WATER DEPTH : 0 FT

SUPERSTRUCTURE : RC FLOOR/PPC GDRS & PPC CS

SUBSTRUCTURE : E.BTS:RC CAPS/PPC PILES;INT.BTS:RCP&B;BT.3/PILE FTG.

SPANS : 1@52'6";2@55';1@52'6

BEAMS OR GIRDERS : SPN.A,C&D,4LNS.36PPC GDRS.SPN.B,9LNS.PPC CORED SLAB SECTIONS

FLOOR : 8RC& PPCCS/2 AWS ENCROACHMENT : DECK (OUT TO OUT) : 26.5 FT

CLEAR ROADWAY : 24.0 FT BETWEEN RAILS : 26.3 FT SIDEWALK OR CURB : LT 1.1 FT RT 1.1 FT

VERT.CL.OVER : 99 FT 99 IN VERT.CL.UNDER : 14 FT 07 IN HOR.CL.UNDER : 46.8 FT

INV.RTG. : HS-20 OPE.RTG. : HS-39 CONTR.MEMBER : SLAB PC POSTED : SV 0 TTST 0 DATE

SYSTEM : Primary S.R. Route GREEN LINE ROUTE : N

2ND OPENING : 16 FT 00 IN I-95 SBL 3RD OPENING : 4TH OPENING : 5TH OPENING :

REMARKS :

Structure Data Worksheet

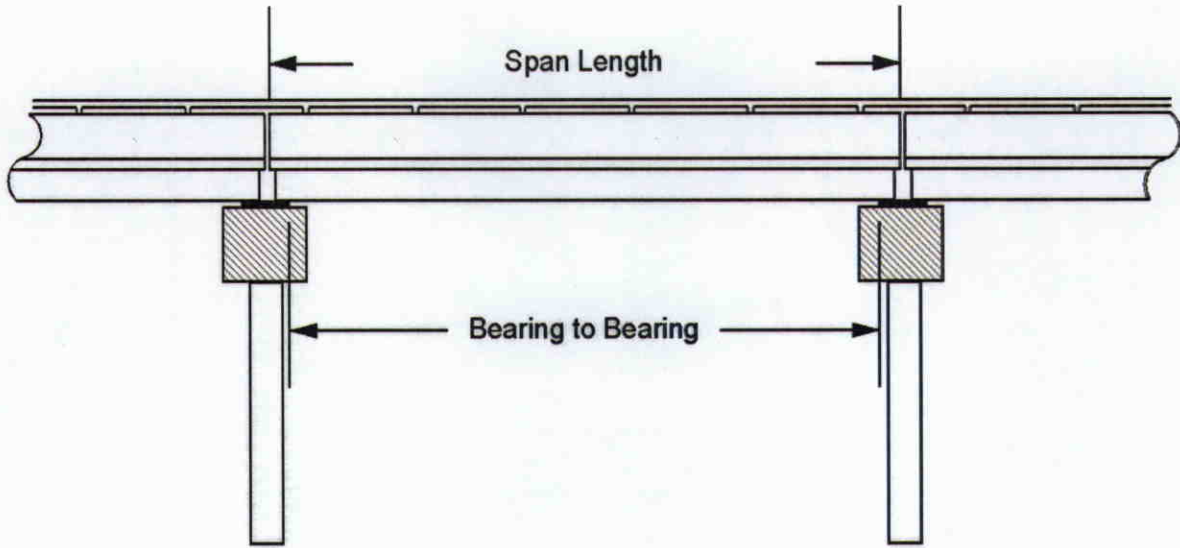
Spans

County: ROBESON

Structure No: 770167

Date: 03/07/2007

Inspected By: VWW



Span No	Span Length	Bearing to Bearing	Comments
1	52.5	SEE PLANS	
2	55.0		
3	55.0		
4	52.5		

Bridge Inspection Field Sketch



Roadway	19ft Wide	2 Paved Lanes	Looking East
Left Shoulder	4ft Wide		4ft Unpaved
Right Shoulder	4ft Wide		4ft Unpaved
Left Guardrail			
Right Guardrail			

Title

Approach

Description

Approach Rdwy. - Looking East

Bridge No: 770167

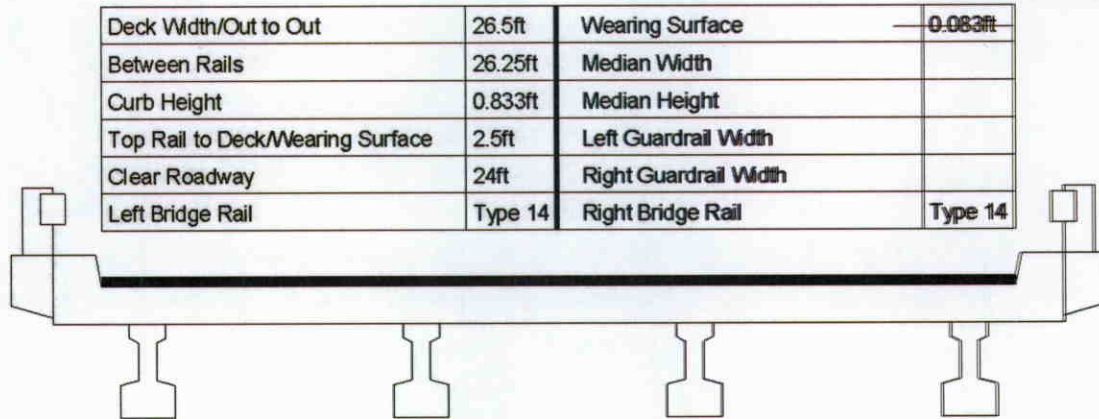
Drawn By: dlp

Date: 07/21/2005

File Name: S0098000253

Bridge Inspection Field Sketch

0.167 VWW 2007



Measurements for Span #	1	Spans 3 & 4 similar	
Deck Thickness	0.667	Left Overhang	2.75
Top of Rail to Bottom of Beam	6.25	Right Overhang	2.75

Beam No	Beam Type	Spacing	Comments
1	PPC Girder	7 ft.	
2	PPC Girder	7 ft.	
3	PPC Girder	7 ft.	
4	PPC Girder		

Notes: Span 2 has been changed to Cored Slab, .083 ft. asphalt has been added to deck.

P.P.C. Girders are 3 ft. high.

Note: Vandalism prevention fence has been added.

Title Superstructure		Description Span 1	
Bridge No: 770167	Drawn By: dlp	Date: 07/21/2005	File Name: S0098000254

Bridge Inspection Field Sketch

Deck Width/Out to Out	27.083ft	Wearing Surface	0.083ft
Between Rails	26.25ft	Median Width	
Curb Height	0.833ft	Median Height	
Top Rail to Deck/Wearing Surface	2.5ft	Left Guardrail Width	
Clear Roadway	24ft	Right Guardrail Width	
Left Bridge Rail	Type 14	Right Bridge Rail	Type 14



Measurements for Span #	2		
Deck Thickness	1.5	Left Overhang	0
Top of Rail to Bottom of Beam	4.083	Right Overhang	0

No of Slabs	Slab Height	Slab Width	Comments
9	1.5 ft.	3 ft.	

Title

Superstructure # 2

Description

Span 2

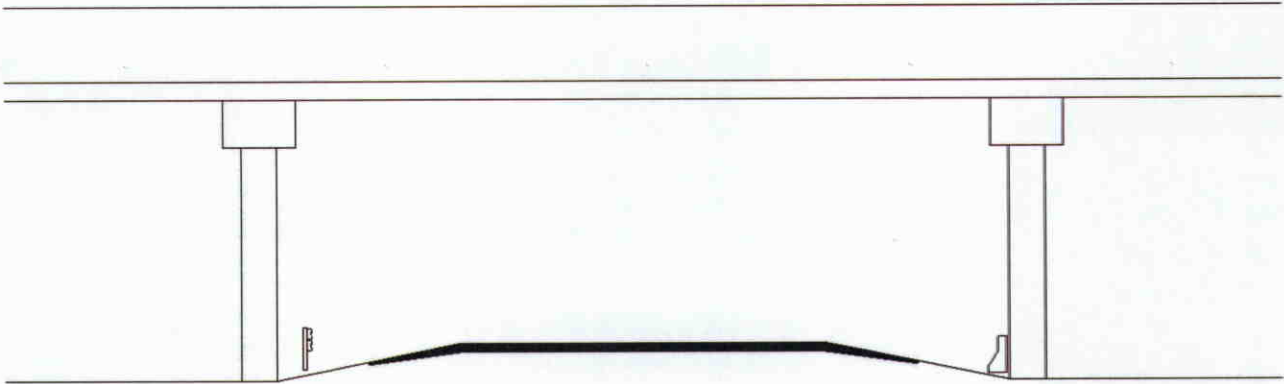
Bridge No: 770167

Drawn By: dlp

Date: 07/21/2005

File Name: S0098000256

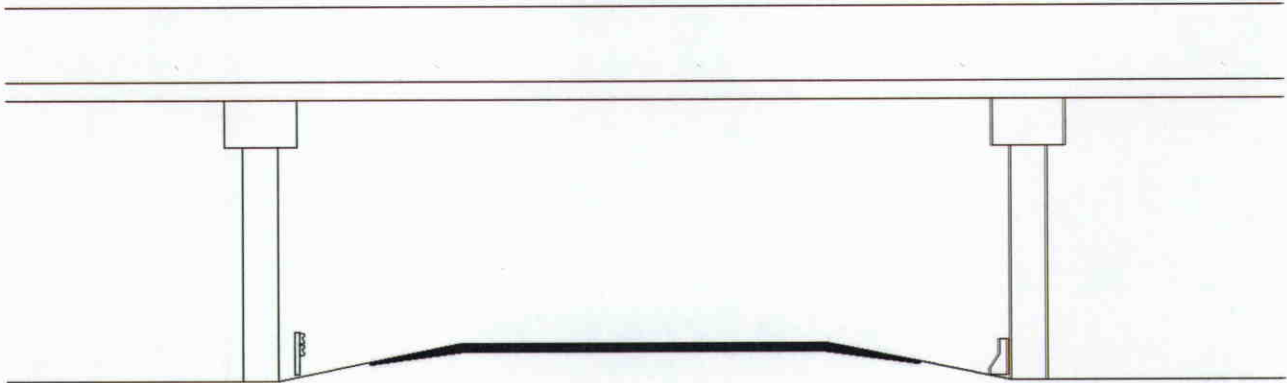
Bridge Inspection Field Sketch



Roadway	24ft Wide	2 Paved Lanes	All Lanes SouthBound
Left Shoulder	14ft Wide		Guardrail: 14ft from road
Right Shoulder	8.75ft Wide		Guardrail: 8.75ft from road
Left Turn Lane(s)			
Right Turn Lane(s)			
Distance to Left Bent	16.417ft		
Distance to Left Toe of Slope			
Distance to Right Bent	10.167ft		
Distance to Right Toe of Slope			
Max. Min. Vertical Clearance	16.083ft	10ft from Right edge of road	at beam # 4
Minimum Vertical Clearance	16ft	0ft from Center of road	at beam # 4

Title		Description	
Underclearance # 1		Span 2	
Bridge No: 770167	Drawn By: dlp	Date: 07/21/2005	File Name: S0098000257

Bridge Inspection Field Sketch



Roadway	24ft Wide	2 Paved Lanes	All Lanes NorthBound
Left Shoulder	14ft Wide		Guardrail: 14ft from road
Right Shoulder	8.75ft Wide		Guardrail: 8.75ft from road
Left Turn Lane(s)			
Right Turn Lane(s)			
Distance to Left Bent	16.417ft		
Distance to Left Toe of Slope			
Distance to Right Bent	10.167ft		
Distance to Right Toe of Slope			
Max. Min. Vertical Clearance	14.667ft	10ft from Right edge of road	at beam # 4
Minimum Vertical Clearance	14.583ft	0ft from Center of road	at beam # 4

Title		Description	
Underclearance # 2		Span 3	
Bridge No: 770167	Drawn By: dlp	Date: 07/21/2005	File Name: S0098000258



GUARDRAIL TERMINATOR SOUTHEAST CORNER



GUARDRAIL POST SPACING 12.5 FT. SOUTHEAST CORNER



GUARDRAIL ATTACHMENT SOUTHEAST CORNER



TYPICAL RAIL AND FENCE



TYPICAL END BENT



TYPICAL BENT



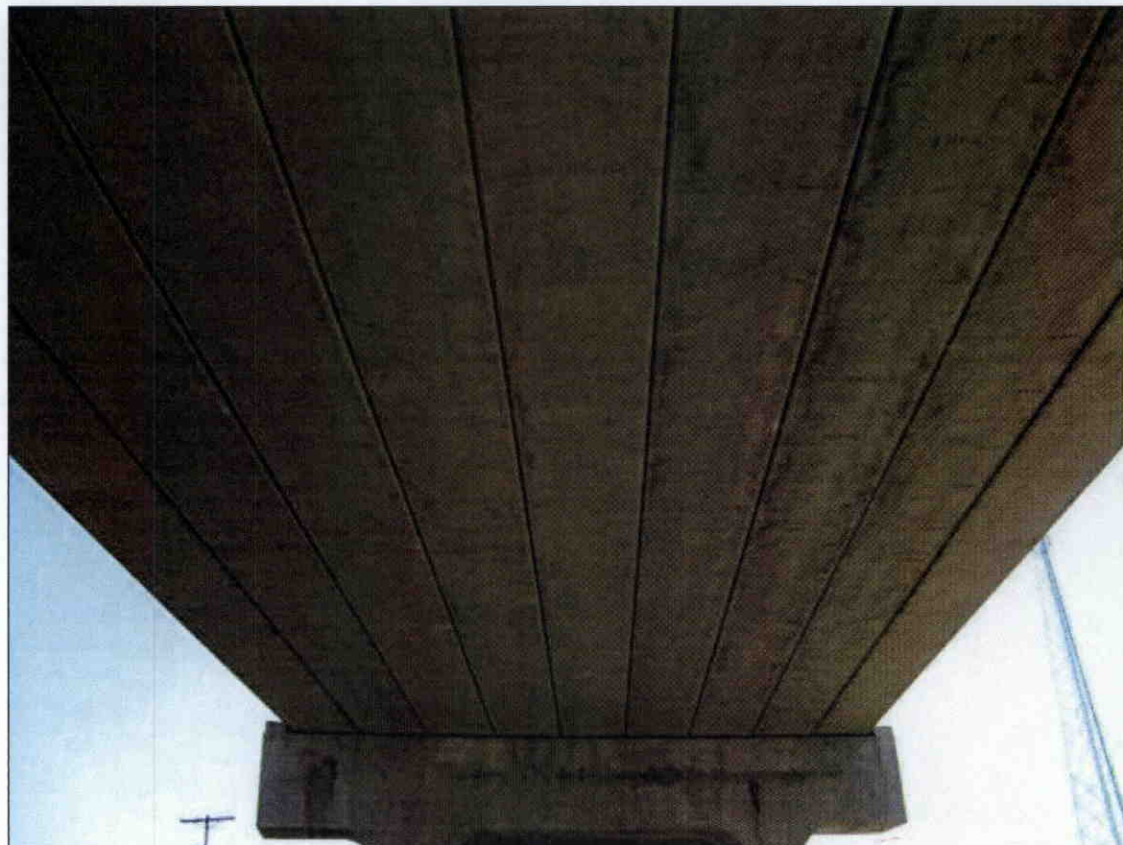
SOUTH PROFILE



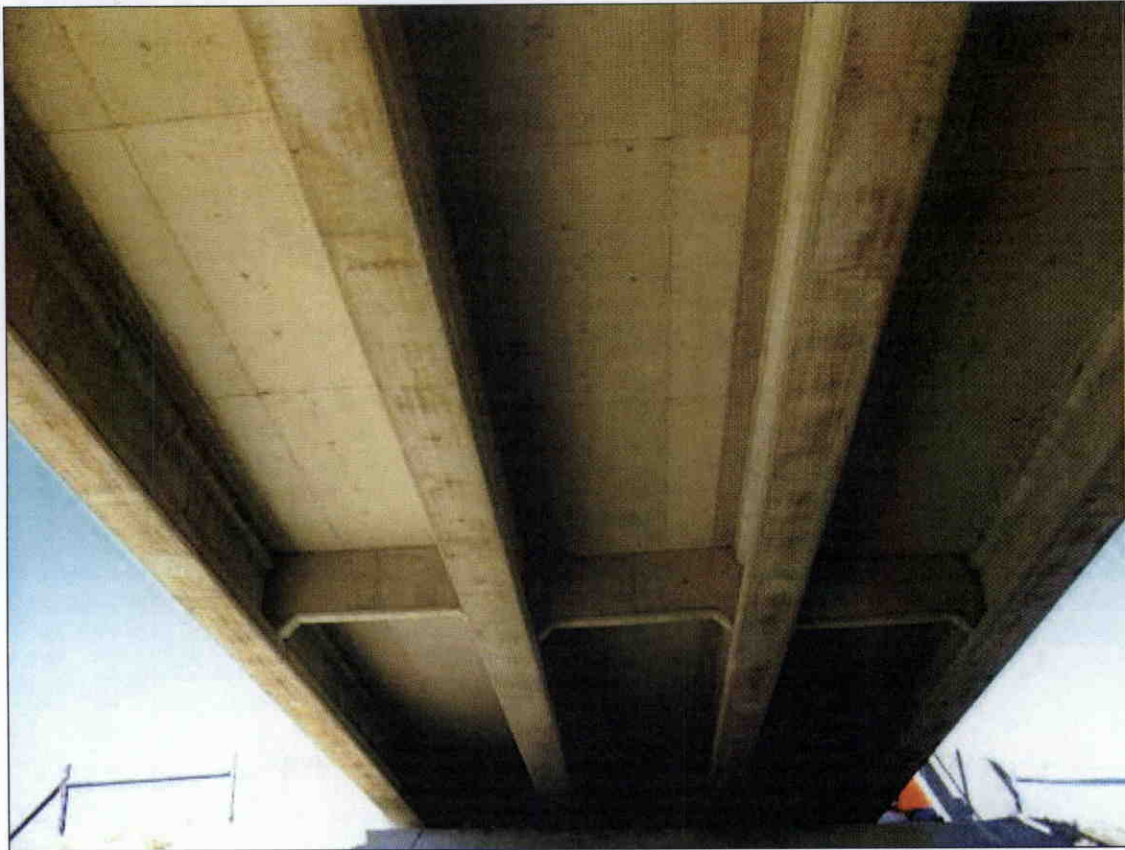
NORTH PROFILE



BEARING ASSEMBLY



UNDERSIDE OF DECK SPAN 2



UNDERSIDE OF DECK SPANS 1,3 AND 4



FENCE ATTACHMENT



VERTICAL CLEARANCE SIGN 14 FT.-3 IN.ON 95 SB 0.2 MILE NORTH



VERTICAL CLEARANCE SIGN 14 FT.-3 IN. ON 95 NB 0.15 MI SOUTH



EAST APPROACH LOOKING WEST



WEST APPROACH LOOKING EAST