



N.C. DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 BRIDGE MAINTENANCE UNIT

Attention:

BRIDGE INSPECTION REPORT

TYPE OF INSPECTION Routine

COUNTY ROBESON BRIDGE NUMBER 770151 INSPECTION CYCLE 2 YRS

ROUTE SR1529 ACROSS I95 M.P. 0

LOCATION 0.8 MI E JCT US301

SUPERSTRUCTURE RC FLOOR/PPC GIRDERS

SUBSTRUCTURE E.BTS:RC CAP/PPC PILES;INT.BTS:RCP&B/PILE FTGS.

SPANS 1@50'4";3@50';1@50'4

LONGITUDE 78° 59' 53.0"

LATITUDE 34° 42' 01.3"

PRESENT CONDITION FAIR

INVENTORY RATING H5-14

INSPECTION DATE 10/10/2005

OPERATING RATING H5-24

PRESENT POSTING Not Posted

PROPOSED POSTING SU39 TTST LGW

COMPUTER UPDATE 7-11-06

ANALYSIS DATE 7-7-06

POSTING LETTER DATE 7-11-06

SUFFICIENCY RATING _____

OTHER SIGNS PRESENT VERTICAL CLEARANCE



Photo Looking

SIGN NOTICE ISSUED FOR	NUMBER 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	_____

***** IDENTIFICATION *****

(1) STATE NAME - NORTH CAROLINA BRIDGE 770151
(8) STRUCTURE NUMBER (FEDERAL) 000000001550151
(5) INVENTORY ROUTE (ON/UNDER) - ON = 131015290
(2) STATE HIGHWAY DEPARTMENT DISTRICT 06
(3) COUNTY CODE 155 (4) PLACE CODE
(6) FEATURES INTERSECTED - I95
(7) FACILITY CARRIED - SR1529
(9) LOCATION - 0.8 MI E JCT US301
(11) MILEPOINT 000.000
(16) LAT 34 D 42 M 01.3S (17) LONG 078 D 59 M 53.0S
(98) BORDER BRIDGE STATE CODE PCT SHARE
(99) BORDER BRIDGE STRUCTURE NO. #

SUFFICIENCY RATING = 61.7
STATUS = FUNCTIONALLY OBSOLETE

***** STRUCTURE TYPE AND MATERIAL *****

***** CLASSIFICATION ***** CODE

(43) STRUCTURE TYPE MAIN: PRESTRESSED CONCRETE
TYPE - STRINGER/MBEAM OR GIRDER CODE 502
(44) STRUCTURE TYPE APPR: OTHER
TYPE - OTHER CODE 000
(45) NUMBER OF SPANS IN MAIN UNIT 005
(46) NUMBER OF APPROACH SPANS 0000
(107) DECK STRUCTURE TYPE - CONCRETE C-I-P CODE 1
(108) WEARING SURFACE / PROTECTIVE SYSTEM:
A) TYPE OF WEARING SURFACE - CONCRETE CODE 1
B) TYPE OF MEMBRANE - NONE CODE 0
C) TYPE OF DECK PROTECTION - NONE CODE 0

(112) NBIS BRIDGE LENGTH - YES
(104) HIGHWAY SYSTEM - NON NHS ROUTE 0
(26) FUNCTIONAL CLASS - LOCAL 09
(100) DEFENSE HIGHWAY - NOT DEFENSE HWY 0
(101) PARALLEL STRUCTURE - NONE EXISTS N
(102) DIRECTION OF TRAFFIC - 2-WAY TRAFFIC 2
(103) TEMPORARY STRUCTURE - NOT TEMPORARY
(110) DESIGNATED NATIONAL NETWORK - NOT PART OF 0
(20) TOLL - ON FREE ROAD 3
(21) MAINTAIN - STATE HIGHWAY AGENCY 01
(22) OWNER - STATE HIGHWAY AGENCY 01
(37) HISTORICAL SIGNIFICANCE - NOT ELIGIBLE 5

***** AGE AND SERVICE *****

***** CONDITION ***** CODE

(27) YEAR BUILT 1959
(106) YEAR RECONSTRUCTED 0000
(42) TYPE OF SERVICE: ON - HIGHWAY
UNDER - HIGHWAY CODE 11
(28) LANES: ON STRUCTURE 02 UNDER STRUCTURE 04
(29) AVERAGE DAILY TRAFFIC 002900
(30) YEAR OF ADT 2003 (109) TRUCK ADT PCT 06
(19) BYPASS, DETOUR LENGTH 06 MI

(58) DECK 7
(59) SUPERSTRUCTURE 6
(60) SUBSTRUCTURE 7
(61) CHANNEL & CHANNEL PROTECTION N
(62) CULVERTS N
***** LOAD RATING AND POSTING ***** CODE
(31) DESIGN LOAD - H 15 2
(64) OPERATING RATING - LF HS-24 143
(66) INVENTORY RATING - LF HS-14 125
(70) BRIDGE POSTING - POSTING REQUIRED 4
(41) STRUCTURE OPEN, POSTED, OR CLOSED P
DESCRIPTION - POSTED FOR LOAD

***** GEOMETRIC DATA *****

***** APPRAISAL ***** CODE

(48) LENGTH OF MAXIMUM SPAN 0055 FT
(49) STRUCTURE LENGTH 000266 FT
(50) CURB OR SIDEWALK: LEFT 01.1 FT RIGHT 01.1 FT
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 024.0 FT
(52) DECK WIDTH OUT TO OUT 027.1 FT
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 019 FT
(33) BRIDGE MEDIAN - NO MEDIAN CODE 0
(34) SKEW 05 DEG (35) STRUCTURE FLARED NO
(10) INVENTORY ROUTE MIN VERT CLEAR 99 FT 99 IN
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 24.0 FT
(53) MIN VERT CLEAR OVER BRIDGE RDWY 99 FT 99 IN
(54) MIN VERT UNDERCLEAR REF - HIGHWAY 14 FT 07 IN
(55) MIN LAT UNDERCLEAR RT REF - HIGHWAY 10.0 FT
(56) MIN LAT UNDERCLEAR LT 08.5 FT

(67) STRUCTURAL EVALUATION 6
(68) DECK GEOMETRY 2
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL 2
(71) WATERWAY ADEQUACY N
(72) APPROACH ROADWAY ALIGNMENT 8
(36) TRAFFIC SAFETY FEATURES 0000
(113) SCOUR CRITICAL BRIDGES N

***** NAVIGATION DATA *****

***** PROPOSED IMPROVEMENTS *****

(38) NAVIGATION CONTROL - N.A., NO WATERWAY CODE N
(111) PIER PROTECTION - NOT APPLICABLE CODE
(39) NAVIGATION VERTICAL CLEARANCE 000 FT
(116) VERT-LIFT BRIDGE NAV MIN VERT CLEAR FT
(40) NAVIGATION HORIZONTAL CLEARANCE 0000 FT

(75) TYPE OF WORK - REPLACE FOR DEFICIENCY CODE 311
(76) LENGTH OF STRUCTURE IMPROVEMENT 000251 FT
(94) BRIDGE IMPROVEMENT COST \$ 606,000
(95) ROADWAY IMPROVEMENT COST \$ 152,000
(96) TOTAL PROJECT COST \$ 909,000
(97) YEAR OF IMPROVEMENT COST ESTIMATE 2006
(114) FUTURE ADT 005800 (115) YEAR FUTURE ADT 2025

***** INSPECTIONS *****

(90) INSPECTION DATE 10/2005 (91) FREQUENCY 24 MO
(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE
A) FRACTURE CRIT DETAIL - NO - MO A)
B) UNDERWATER INSP - NO - MO B)
C) OTHER SPECIAL INSP - NO - MO C)
SCOUR - NOT EVALUATED

***** IDENTIFICATION *****

(1) STATE NAME - NORTH CAROLINA BRIDGE 770151
(8) STRUCTURE NUMBER (FEDERAL) 000000001550151
(5) INVENTORY ROUTE (ON/UNDER) - UNDER = 211000950
(2) STATE HIGHWAY DEPARTMENT DISTRICT 06
(3) COUNTY CODE 155 (4) PLACE CODE
(6) FEATURES INTERSECTED -
(7) FACILITY CARRIED - SR1529
(9) LOCATION - 0.8 MI E JCT US301
(11) MILEPOINT 023.700
(16) LAT 34 D 42 M 01.3S (17) LONG 078 D 59 M 53.0S
(98) BORDER BRIDGE STATE CODE PCT SHARE
(99) BORDER BRIDGE STRUCTURE NO. #

SUFFICIENCY RATING = 61.7
STATUS =

***** STRUCTURE TYPE AND MATERIAL *****

***** CLASSIFICATION ***** CODE

(43) STRUCTURE TYPE MAIN: PRESTRESSED CONCRETE
TYPE - STRINGER/MBEAM OR GIRDER CODE 502
(44) STRUCTURE TYPE APPR: OTHER
TYPE - OTHER CODE 000
(45) NUMBER OF SPANS IN MAIN UNIT 005
(46) NUMBER OF APPROACH SPANS 0000
(107) DECK STRUCTURE TYPE - CONCRETE C-I-P CODE 1
(108) WEARING SURFACE / PROTECTIVE SYSTEM:
A) TYPE OF WEARING SURFACE - CONCRETE CODE 1
B) TYPE OF MEMBRANE - NONE CODE 0
C) TYPE OF DECK PROTECTION - NONE CODE 0

(112) NBIS BRIDGE LENGTH - YES
(104) HIGHWAY SYSTEM - NHS ROUTE 1
(26) FUNCTIONAL CLASS - PRINCIPAL ARTERIAL- INTER 01
(100) DEFENSE HIGHWAY - YES DEFENSE HWY 1
(101) PARALLEL STRUCTURE - NONE EXISTS N
(102) DIRECTION OF TRAFFIC - 2-WAY TRAFFIC 2
(103) TEMPORARY STRUCTURE - NOT TEMPORARY
(110) DESIGNATED NATIONAL NETWORK - PART OF NETWORK 1
(20) TOLL - ON FREE ROAD 3
(21) MAINTAIN - STATE HIGHWAY AGENCY 01
(22) OWNER - STATE HIGHWAY AGENCY 01
(37) HISTORICAL SIGNIFICANCE - NOT ELIGIBLE 5

***** AGE AND SERVICE *****

***** CONDITION ***** CODE

(27) YEAR BUILT 1959
(106) YEAR RECONSTRUCTED 0000
(42) TYPE OF SERVICE: ON - HIGHWAY
UNDER - HIGHWAY CODE 11
(28) LANES: ON STRUCTURE 02 UNDER STRUCTURE 04
(29) AVERAGE DAILY TRAFFIC 038000
(30) YEAR OF ADT 2004 (109) TRUCK ADT PCT 00
(19) BYPASS, DETOUR LENGTH 00 MI

(58) DECK 7
(59) SUPERSTRUCTURE 6
(60) SUBSTRUCTURE 7
(61) CHANNEL & CHANNEL PROTECTION N
(62) CULVERTS N

***** GEOMETRIC DATA *****

***** LOAD RATING AND POSTING ***** CODE

(48) LENGTH OF MAXIMUM SPAN 0055 FT
(49) STRUCTURE LENGTH 000266 FT
(50) CURB OR SIDEWALK: LEFT 01.1 FT RIGHT 01.1 FT
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 024.0 FT
(52) DECK WIDTH OUT TO OUT 027.1 FT
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 019 FT
(33) BRIDGE MEDIAN - NO MEDIAN CODE 0
(34) SKEW 05 DEG (35) STRUCTURE FLARED NO
(10) INVENTORY ROUTE MIN VERT CLEAR 16 FT 06 IN
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 43.3 FT
(53) MIN VERT CLEAR OVER BRIDGE RDWY 99 FT 99 IN
(54) MIN VERT UNDERCLEAR REF - HIGHWAY 14 FT 07 IN
(55) MIN LAT UNDERCLEAR RT REF - HIGHWAY 10.0 FT
(56) MIN LAT UNDERCLEAR LT 08.5 FT

(31) DESIGN LOAD - H 15 2
(64) OPERATING RATING - LF HS-24 143
(66) INVENTORY RATING - LF HS-14 125
(70) BRIDGE POSTING - POSTING REQUIRED 4
(41) STRUCTURE OPEN, POSTED, OR CLOSED P
DESCRIPTION - POSTED FOR LOAD

***** NAVIGATION DATA *****

***** APPRAISAL ***** CODE

(38) NAVIGATION CONTROL - N.A., NO WATERWAY CODE N
(111) PIER PROTECTION - NOT APPLICABLE CODE
(39) NAVIGATION VERTICAL CLEARANCE 000 FT
(116) VERT-LIFT BRIDGE NAV MIN VERT CLEAR FT
(40) NAVIGATION HORIZONTAL CLEARANCE 0000 FT

(67) STRUCTURAL EVALUATION 6
(68) DECK GEOMETRY 2
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL 2
(71) WATERWAY ADEQUACY N
(72) APPROACH ROADWAY ALIGNMENT 8
(36) TRAFFIC SAFETY FEATURES 0000
(113) SCOUR CRITICAL BRIDGES N

***** PROPOSED IMPROVEMENTS *****

(75) TYPE OF WORK - REPLACE FOR DEFICIENCY CODE 311
(76) LENGTH OF STRUCTURE IMPROVEMENT 000251 FT
(94) BRIDGE IMPROVEMENT COST \$ 606,000
(95) ROADWAY IMPROVEMENT COST \$ 152,000
(96) TOTAL PROJECT COST \$ 909,000
(97) YEAR OF IMPROVEMENT COST ESTIMATE 2006
(114) FUTURE ADT 005800 (115) YEAR FUTURE ADT 2025

***** INSPECTIONS *****

(90) INSPECTION DATE 10/2005 (91) FREQUENCY 24 MO
(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE
A) FRACTURE CRIT DETAIL - NO - MO A)
B) UNDERWATER INSP - NO - MO B)
C) OTHER SPECIAL INSP - NO - MO C)
SCOUR - NOT EVALUATED

BRIDGE INSPECTION RECORD AND SUMMARY

INSPECTION TYPE ROUTINE

BRIDGE NO. 770151 COUNTY ROBESON

ROUTE SR1529


OVER 195

STRUCTURE TYPE RC FLOOR/PPC GIRDERS

ROUTE ORIENTATION W - E

SPANS 1@50'4;3@50';1@50'4

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

INSPECTION ITEM			ITEM 61		
DECK ITEMS		GRADES			
1. WEARING SURFACE		5	45 CHANNEL & CHANNEL PROT.	a. WATERWAY	
2 DECK NO. OF EA TYPE SPN GRADE RATES SI & A ITEM 58		7		b. ALIGNMENT	
a. CONCRETE	5			c. SCOUR	
b. TIMBER				d. SLOPE PROT., RIP-RAP, DIKES, ETC.	
c. STEEL PLANK			50 APPROACH ROADWAY CONDITION		8
d. OPEN GRID			51 APPROACH SLABS		
3 RAILING			52 PAINT SYSTEM		CODE
a. CONCRETE		8	53 UTILITIES		
b. TIMBER			54 RESPONSE TO LIVE LOAD		8
c. ALUMINUM			55 ESTIMATED REMAINING LIFE		25
d. STEEL					
4. CURBS, WHEELGUARDS, PARAPETS, MEDIANS		8			
5. WALKWAYS (ON OR ATTACHED TO STRUCTURE)			60 REGULATORY SIGN NOTICE ISSUED		Yes
6. DECK EXP JTS. OR DEVICES. NO OF EACH	a. STEEL PL OR FINGER		61 PROMPT-ACTION NOTICE ISSUED		No
	b. MISC PREFAB DEVICES		62 PRESENTLY POSTED		No
	c. COMPRESSION SEAL		63 TOT. FIELD INSP TIME (INCLUDE WRITE UP)(M/H)		8
	d. STANDARD JOINTS	4	64 TOTAL SNOOPER INSP. TIME (HRS)		
	e. OPEN JOINTS		65 TOTAL TRAFFIC CONTROL TIME (M/H)		
7. DECK DEBRIS (INCLUDE EXCESS SAND/GRAVEL)		7			
70 SI&A GENERAL CONDITION RATINGS					
SUPER STR. (FM. 1 (90)B TRUSS) ITEM 59			a. DECK	ITEM 58	7
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	NA
13. END DIAP'S, CURTAIN WALLS, & CONN'S		5			
14. FLOOR BEAMS AND CONNECTIONS			71 SI&A FIELD APPRAISAL RATINGS		
15. BEARING ASSEMBLIES (INCLUDE MISALIGN)		6	a. WATERWAY ADAQUACY		
16. DRAINAGE SYSTEM (ON STRUCTURE)		8	b. APPR. RDWY. ALIGNMENT		8
17. MOVABLE SPAN MACHINERY					
			72 FIELD SCOUR EVALUATION		
SUB STR. ITEMS. ITEM 60 (INCLUDE SCOUR)					
35. TIM SUB STR.	a. ABUT. & INT. BENT CAPS & RISERS		USE OF INSP. ACCESSIBILITY EQUIPMENT		
	b. PILES, POST, SILLS, & BRACING		SNOOPER (CODE P, S, 4, OR N)		No No
	c. BULKHEADS, WING'S & TIE BACKS		LADDER		No
36. CONC SUB STR.	a. ABUT. & INT. BENT CAPS		OVERSIDE LADDER		No
	b. ABUT. & BENT COL'S BREASTWALLS		BUCKET TRUCK		No
	c. ABUT. & INT. BENT PILES		BOAT		No
	d. BACKWALLS, WING'S, RETAIN. WLLS		OTHER		
	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			NOTE		
39. SLOPE PROT., RIP-RAP (INCLUDE DRAINAGE)		5			
40 FENDER SYSTEMS			80 INSPECTED BY:		
41 DRIFT			81 REVIEWED BY:		

Brigde I&A Form 1(82)H

State of North Carolina
Dept. of Transportation
Division of Highways

FIELD INSPECTION REPORT

Bridge Inspection & Analysis

Team Leader: HWH

Assisted by: DLP

Item No	Grade	
1	5	AWS BREAKING UP OVER BENTS. CRACKING UP TO 1/8 IN. OPEN OVER BENTS.
2a	7	PREVIOUS INSPECTION INDICATED FAICAL MAP CRACKING AT EACH SPAN. SPAN 4 IS A NEW PPC CORED SLAB SPAN.
6d	4	LEAKAGE EVIDENT AT EACH JOINT.
10	6	BRUSHED BMS. AT SPAN 2 DUE TO OVERHEIGHT LOADS. SEE PHOTO 8 NEW PPC CORED SLAB AT SPAN 4.
13	5	FILL LEAKAGE AT BOTH END BENTS. SEE PHOTO OTHERWISE 8.
15	6	PITTING UP TO 1/16 IN. AT EACH PLATE.
39	5	BROKEN AND SETTLED SLOPE SLABS AT RIGHT SIDE EAST SLOPE. OTHERWISE 8.

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge 770151

County ROBESON

Date 10/10/2005

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	50	RESEAL JOINTS AT ABUTMENT CAPS / CURTAIN WALLS.	
576	Maintenance of standard deck expansion joints	Lin-ft	100	CLEAN AND RESEAL JOINTS.	
585	Maintenance of slope and shore devices	Man-Hours	100	SEAL CRACKS AS NEEDED	



BROKEN AND SETTLED SLOPE SLABS AT RIGHT SIDE, EAST SLOPE



FILL LEAKAGE AT EB2, SIM. AT EB1

Bridge #: 770151

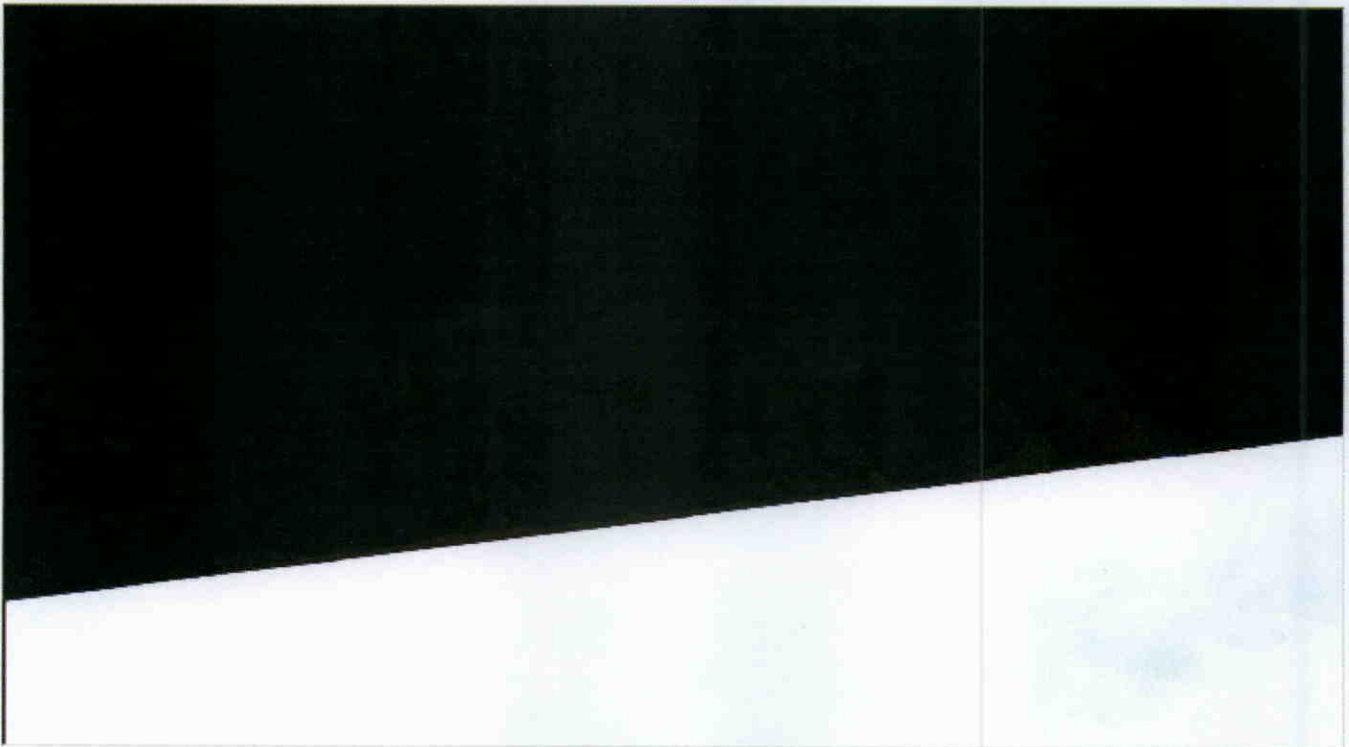
County: ROBESON

Date: 10/10/2005

Condition Photos



AWS BREAKING UP OVER BENTS



BRUSHED BMS. AT SPAN 2

B80028

BRIDGE MAINTENANCE UNIT
DATA ON EXISTING STRUCTURE

RUN DATE 07/11/06

COUNTY: ROBESON DIV.: 06 DIST.: 1 STRUCTURE NUMBER: 77 0151 LENGTH: 266 FEET

ROUTE CARRIED: SRI529 FEATURE INTERSECTED: 195

LOCATED: 0.8 MI E JCT US301 BRIDGE NAME:

FUNC. CLASS: LR SYST.ON: NONFA SYST.UNDER: FA ADT & YR: 2900 03 RAIL TYPE: LT 141 RT 141

BUILT: 1959 BY: SHC PROJ: 8.13972 FED.AID PROJ: DESIGN LOAD: H-15

REHAB: BY: PROJ: ALIGNMENT: TAN SKEW: 095 LANES: ON 02 UNDER 04

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

SUPERSTRUCTURE: RC FLOOR/PPC GIRDERS

SUBSTRUCTURE: E.B'TS:RC CAP/PPC PILES;INT.B'TS:RCP&B/PILE FTGS.

SPANS: 1@50'4;3@55';1@50'4

BEAMS OR GIRDERS: 4 LINES 18X36 PPC GIRDERS @ 7'0 CENTERS

FLOOR: 7 RC/1 AWS ENCROACHMENTS: DECK (OUT TO OUT): 027.1

CLEAR ROADWAY: 024.0 BETWEEN RAILS: 026 .3 SIDEWALK OR CURB: LT 01.1 RT 01.1

VERT.CL.OVER: 99 FT 99 IN VERT.CL.UNDER: 14 FT 07 IN HOR.CL.UNDER: 43.3 FT SPECIAL PERMIT: ---

INV.RTG.: HS- 14 OPE.RTG.: HS- 24 CONTR.MEMBER: GIRDER POSTED: SV 39 TTST LM DATE 07 11 2006

SYSTEM: 3 INTERSTATE GREEN LINE ROUTE: NO

2ND OPENING: 1606 1-95-NBL 3RD OPENING: 4TH OPENING: 5TH OPENING:

REMARKS:

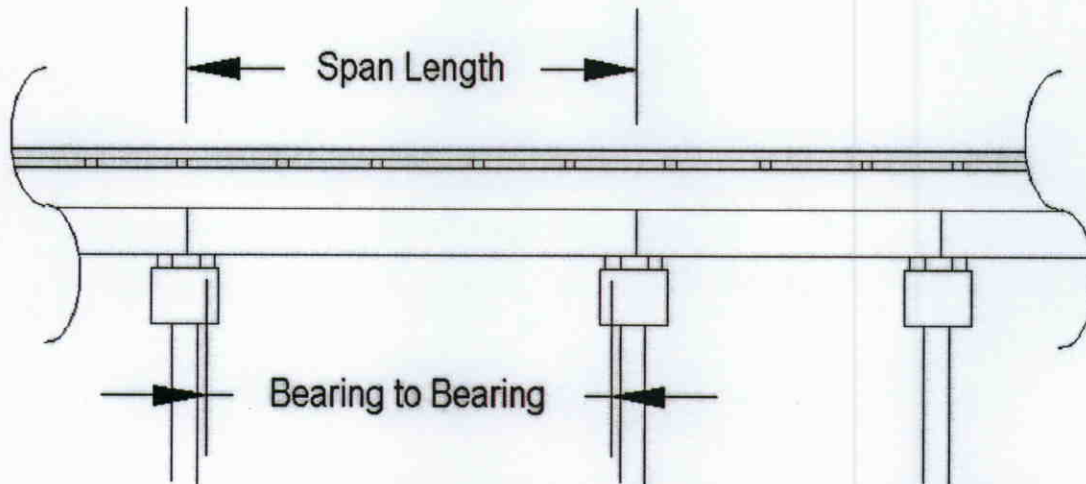
Structure Data Worksheet

Bridge #: 770151

County: ROBESON

Date: 10/10/2005

By: HWH



Span	Length	Brg to Brg	Comments
1	50.333		
2	55.0		
3	55.0		
4	50.0		
5	50.333		

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 Roadway

Bridge No: 770151

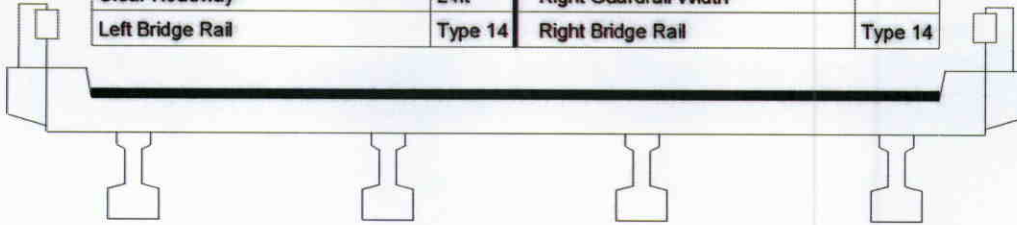
Drawn By: DLP

Date: 07/25/2005

File Name: S0098000264

Bridge Inspection Field Sketch

Deck Width/Out to Out	26.5ft	Wearing Surface	0.083ft
Between Rails	26.25ft	Median Width	
Curb Height	0.75ft	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 #	1	Spans 2, 3 & 5 similar	
Deck Thickness	0.583	Left Overhang	2.75
Top of Rail to Bottom of Beam	6.167	Right Overhang	2.75

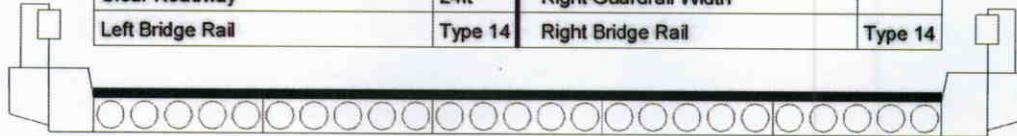
Beam No	Beam Type	Spacing	Comments
1	PPC Girder	7 ft.	
2	PPC Girder	7 ft.	
3	PPC Girder	7 ft.	
4	PPC Girder		

P.P.C. Girders are 1.5 ft. wide x 3 ft. high.

Title Superstructure		Description Span 1	
Bridge No: 770151	Drawn By: DLP	Date: 07/25/2005	File Name: S0098000265

Bridge Inspection Field Sketch

Deck Width/Out to Out	27.083ft	Wearing Surface	0.083ft
Between Rails	26.25ft	Median Width	
Curb Height	0.75ft	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 #	4		
Deck Thickness	1.75	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 4

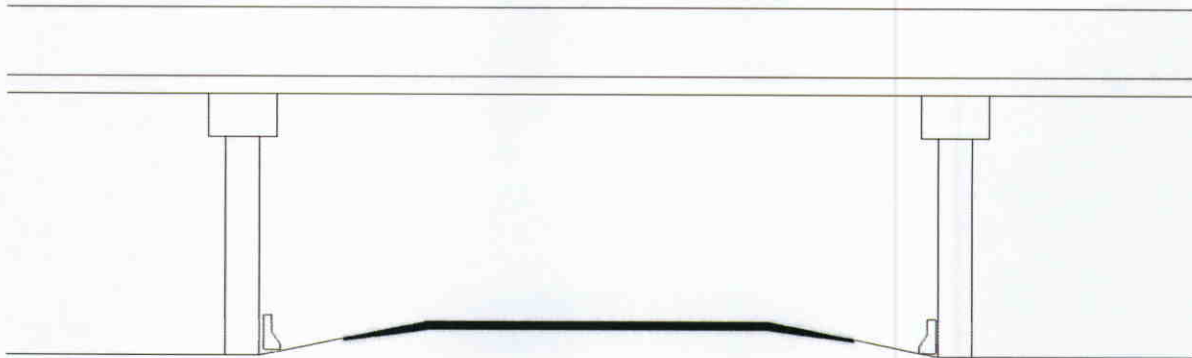
Bridge No: 770151

Drawn By: DLP

Date: 07/25/2005

File Name: S0098000266

Bridge Inspection Field Sketch



Roadway	24ft Wide	2 Paved Lanes	All Lanes SouthBound
Left Shoulder	8.5ft Wide		Guardrail: 8.5ft from road
Right Shoulder	10.667ft Wide		Guardrail: 10.667ft from road
Left Turn Lane(s)			
Right Turn Lane(s)			
Distance to Left Bent	9.917ft		
Distance to Left Toe of Slope			
Distance to Right Bent	12.083ft		
Distance to Right Toe of Slope			
Max. Min. Vertical Clearance	14.667ft	10ft from Left edge of road	at beam # 1
Minimum Vertical Clearance	14.583ft	0ft from Center of road	at beam # 1

Title

Underclearance # 1

Description

Span 2

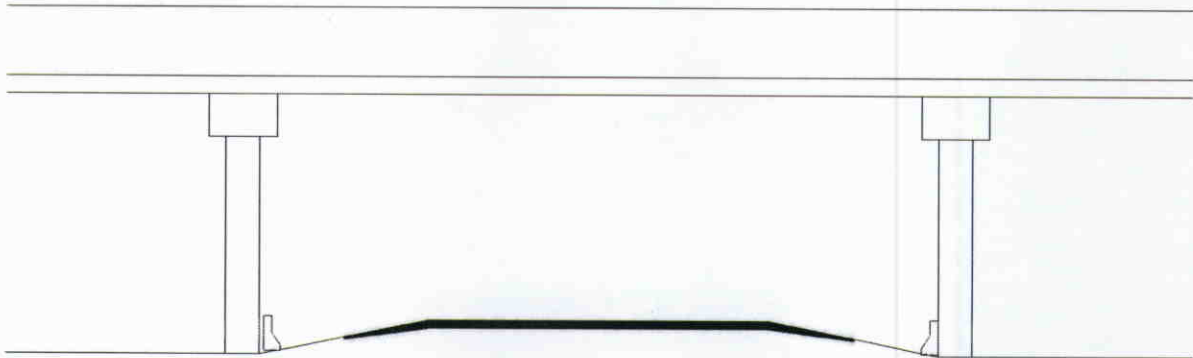
Bridge No: 770151

Drawn By: DLP

Date: 07/25/2005

File Name: S0098000267

Bridge Inspection Field Sketch



Roadway	24ft Wide	2 Paved Lanes	All Lanes NorthBound
Left Shoulder	9.25ft Wide		Guardrail: 9.25ft from road
Right Shoulder	10ft Wide		Guardrail: 10ft from road
Left Turn Lane(s)			
Right Turn Lane(s)			
Distance to Left Bent	10.667ft		
Distance to Left Toe of Slope			
Distance to Right Bent	11.417ft		
Distance to Right Toe of Slope			
Max. Min. Vertical Clearance	16.583ft	10ft from Left edge of road	at beam # 1
Minimum Vertical Clearance	16.5ft	0ft from Center of road	at beam # 1

Title

Underclearance # 2

Description

Span 4

Bridge No: 770151

Drawn By: DLP

Date: 07/25/2005

File Name: S0098000268

Bridge #: 770151

County: ROBESON

Date: 10/10/2005

Structure Photos



VERTICAL CLEARANCE SIGN .25 MI. SOUTH OF BRIDGE



NORTH

Bridge #: 770151

County: ROBESON

Date: 10/10/2005

Structure Photos



SOUTH



VERTICAL CLEARANCE SIGNS .25 MILES NORTH OF BRIDGE

Bridge #: 770151

County: ROBESON

Date: 10/10/2005

Structure Photos



TYP SUPERSTRUCTURE SPANS 1,2,3 AND 5



TYP SUPERSTRUCTURE SPAN 4



BENT 4 LOOKING EAST BENT 3 SIM.



BENT 2 LOOKING WEST BENT 1 SIM.



END VIEW BENT 3 CAP, BENT 4 SIM.



END BENT 2 LOOKING EAST SHORE PROTECTION IN PLACE

Bridge #: 770151

County: ROBESON

Date: 10/10/2005

Structure Photos



G/R END AT BRIDGE



POST SPACING

Bridge #: 770151

County: ROBESON

Date: 10/10/2005

Structure Photos



WEST



TERMINAL GUARDRAIL END



EAST



TYP. BEARING

Bridge #: 770151

County: ROBESON

Date: 10/10/2005

Structure Photos



END BENT 1 LOOKING WEST SHORE PROTECTION IN PLACE