



NC DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 BRIDGE MANAGEMENT UNIT

ATTENTION

CLEARANCES CHECKED

# BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY GASTON BRIDGE NUMBER 350118 INSPECTION CYCLE 2 YRS **15.8**  
 ROUTE SR1327 ACROSS I85 M.P. 0

LOCATION 0.14 MI. E. JCT. SR1355

SUPERSTRUCTURE RC DECK ON PRECAST PRESTRESSED CONCRETE GIRDERS, APPR.SLABS

SUBSTRUCTURE EBTS:RC CAPS ON PPC PILES, INT.BTS:RC POST & BEAM, PILE FTGS

SPANS 1@52'10, 2@61'0, 1@62'0

LONGITUDE 81° 12' 33.51"

LATITUDE 35° 17' 1.82"

PRESENT CONDITION GOOD

INVENTORY RATING \_\_\_\_\_

INSPECTION DATE 09/06/2012

OPERATING RATING \_\_\_\_\_

PRESENT POSTING Not Posted

PROPOSED POSTING \_\_\_\_\_

COMPUTER UPDATE \_\_\_\_\_

ANALYSIS DATE \_\_\_\_\_

POSTING LETTER DATE \_\_\_\_\_

SUFFICIENCY RATING \_\_\_\_\_

OTHER SIGNS PRESENT NONE



WEST APPROACH

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	_____

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

Run Date: 10/04/2012

**IDENTIFICATION**

(1) STATE NAME -NORTH CAROLINA BRIDGE **350118**  
 (8) STRUCTURE NUMBER(FEDERAL) 00000000710118  
 (5) INVENTORY ROUTE (ON/UNDER) - ON 31013270  
 (2) STATE HIGHWAY DEPARTMENT DISTRICT 1  
 (3) COUNTY CODE 71 (4) PLACE CODE 34470  
 (6) FEATURE INTERSECTED - I85  
 (7) FACILITY CARRIED SR1327  
 (9) LOCATION 0.14 MI. E. JCT. SR1355  
 (11) MILEPOINT 0  
 (16) LAT 35° 17' 1.82" (17) LONG 81° 12' 33.51"  
 (98) BORDER BRIDGE STATE CODE PCT SHARE  
 (99) BORDER BRIDGE STRUCTURE NO

SUFFICIENCY RATING = 86.13  
 STATUS = Not Deficient

**CLASSIFICATION** **CODE**

(112) NBIS BRIDGE SYSTEM - YES  
 (104) HIGHWAY SYSTEM Is not on NHS 0  
 (26) FUNCTIONAL CLASS - Local 19  
 (100) STRAHNET HIGHWAY - Not a STRAHNET Route 0  
 (101) PARALLEL STRUCTURE - No Parallel Structure N  
 (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

**STRUCTURE TYPE AND MATERIAL**

(43) STRUCTURE TYPE MAIN: Prestressed Concrete  
 TYPE - Stringer Mutlibeam or Girder CODE 502  
 (44) STRUCTURE TYPE APPR :  
 TYPE - CODE 000  
 (45) NUMBER OF SPANS IN MAIN UNIT 4  
 (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

**CONDITION** **CODE**

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

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

(31) DESIGN LOAD HS 20 + MOD 6  
 (63) OPERATING RATING METHOD - Load Factor  
 (64) OPERATING RATING - HS-55 199  
 (65) INVENTORY RATING METHOD - Load Factor  
 (66) INVENTORY RATING - HS-33 160  
 (70) BRIDGE POSTING - No Posting Required 5  
 (41) STRUCTURE OPEN, POSTED ,OR CLOSED A  
 DESCRIPTION - Open, No Restriction

**AGE AND SERVICE**

(27) YEAR BUILT 1962  
 (106) YEAR RECONSTRUCTED  
 (42) TYPE OF SERVICE : ON - Highway - Pedestrian  
 UNDER - Highway CODE 51  
 (28) LANES: ON STRUCTURE 2 UNDER STRUCTURE 0  
 (29) AVERAGE DAILY TRAFFIC 2100  
 (30) YEAR OF ADT 2008 (109) TRUCK ADT PCT 7%  
 (19) BYPASS OR DETOUR LENGTH 2 MI

**APPRAISAL** **CODE**

(67) STRUCTURAL EVALUATION 7  
 (68) DECK GEOMETRY 4  
 (69) UNDERCLEARANCES, VERTI & HORIZ 3  
 (71) WATERWAY ADEQUACY N  
 (72) APPROACH ROADWAY ALIGNMENT 7  
 (36) TRAFFIC SAFETY FEATURES 0111  
 (113) SCOUR CRITICAL BRIDGES N

**GEOMETRIC DATA**

(48) LENGTH OF MAXIMUM SPAN 60 FT  
 (49) STRUCTURE LENGTH 237 FT  
 (50) CURB OR SIDEWALK: LEFT 5.2 FT RIGHT 5.2 FT  
 (51) BRIDGE ROADWAY WIDTH CURB TO CURB 28 FT  
 (52) DECK WIDTH OUT TO OUT 40.58 FT  
 (32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 20 FT  
 (33) BRIDGE MEDIAN - No Median CODE 0  
 (34) SKEW 20° (35) STRUCTURE FLARED 0  
 (10) INVENTORY ROUTE MIN VERT CLEAR 999.9 FT  
 (47) INVENTORY ROUTE TOTAL HORIZ CLEAR 28 FT  
 (53) MIN VERT CLEAR OVER BRIDGE RDWY 999.9 FT  
 (54) MIN VERT UNDERCLEAR REF Highway 16 FT  
 (55) MIN LAT UNDERCLEAR RT REF Highway 9.5 FT  
 (56) MIN LAT UNDERCLEAR LT REF - 6.67 FT

**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 4200 (115) YEAR FUTURE ADT 2025

**INSPECTIONS**

(90) INSPECTION DATE 09/06/2012  
 (92) CRITICAL FEATURE INSPECTION : (93) CFI DATE  
 A) FRACTURE CRIT DETAIL - NO A)  
 B) UNDERWATER INSP - NO B)  
 C) OTHER SPECIAL INSP NO C)  
 SCOUR

**NAVIGATION DATA**

(38) NAVIGATION CONTROL - Not Applicable CODE N  
 (111) PIER PROTECTION - CODE  
 (39) NAVIGATION VERTICAL CLEARANCE 0  
 (116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR FT  
 (40) NAVIGATION HORIZONTAL CLEARANCE 0 FT

Structure No: 350118

County: GASTON

Run Date:

Span Number	Feature Intersected	Inventory Route	Minimum Maximum Vertical Clearance	Milepoint	Base Highway Network	LRS Inventory Route	Toll	Functional Classification	Nuner of Lanes	Average Daily Traffic	Year of Average Daily Traffic	Total Horizontal Clearance	See Note 1							
													Reference Feature	Minimum Vertical Underclearance	Right Lateral Underclearance	Left Lateral Underclearance	Underclearance Appraisal Grade	STRAHNET Highway Designator	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	I 85 SBL	11000850	16.08	15.80	1	10085		11	3	42000	2011	52.17	H	16.00	9.50	6.67	9	1	1	1
3	I 85 NBL	11000850	17.08	15.80	1	10085		11	3	42000	2011	52.17	H	16.58	10.00	6.17	9	1	1	1

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

**BRIDGE MANAGEMENT UNIT**

**DATA ON EXISTING STRUCTURE**

Run Date: 10/04/2012

COUNTY : GASTON                      DIVISION : 12                      DISTRICT : 1                      STRUCTURE NUMBER : 350118                      LENGTH : 237 FEET

ROUTE CARRIED : SR1327                      FEATURE INTERSECTED : I85

LOCATED : 0.14 MI. E. JCT. SR1355                      BRIDGE NAME :                      CITY : \*JENKINS HEI

FUNC. CLASS : 19                      SYST.ON : NFA                      SYST.UNDER : NFA                      ADT & YR : 2100 2008                      RAIL TYPE : LT 139 RT 139

BUILT : 1962                      BY : SHC                      PROJ : 8.16316                      FED.AID PROJ : I-85-1(13)10                      DESIGN LOAD : HS 20 + MOD

REHAB :                      BY : DOH                      PROJ :                      ALIGNMENT : TAN                      SKEW : 70                      LANES : ON 2 UNDER 0

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

SUPERSTRUCTURE : RC DECK ON PRECAST PRESTRESSED CONCRETE GIRDERS, APPR.SLABS

SUBSTRUCTURE : EBTS:RC CAPS ON PPC PILES, INT.BTS:RC POST & BEAM, PILE FTGS

SPANS : 1@52'10, 2@61'0, 1@62'0

BEAMS OR GIRDERS : 7LNS 45 PRECAST PRESTRESSED CONCRETE GIRDERS @5'10 1/2 CTS

FLOOR : 7 1/2 RC SLAB                      ENCROACHMENT :                      DECK (OUT TO OUT) : 40.58 FT

CLEAR ROADWAY : 28 FT                      BETWEEN RAILS : 38.33 FT                      SIDEWALK OR CURB : LT 5.2 FT RT 5.2 FT

VERT.CL.OVER : 999.9 FT

INV.RTG. : HS-33                      OPE.RTG. : HS-55                      CONTR.MEMBER : Int.grdsSpA                      POSTED : SV                      TTST                      DATE

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

**UNDER ROUTES AND CLEARANCES**

Span	Route Description	Vertical Clearances		Horizontal Clearances		
		MMVC	MVC	Total	Left	Right
2	I 85 SBL	16.08	16	52.17	6.67	9.50
3	I 85 NBL	17.08	16.58	52.17	6.17	10

Note: All measurements are in feet.

REMARKS :

# BRIDGE INSPECTION RECORD AND SUMMARY

INSPECTION TYPE Routine Inspection  
 BRIDGE NO. 350118 COUNTY GASTON ROUTE SR1327 OVER I85  
 STRUCTURE TYPE RC DECK ON PRECAST PRESTRESSED CONCRETE GIRDERS, APPR.SLABS  
 ROUTE ORIENTATION W - E SPANS 1@52'10, 2@61'0, 1@62'0

EVALUATION CODES: CRITICAL (C, 0 - 3); POOR (P, 4); FAIR (F, 5, 6); GOOD (G, 7 - 9)

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

Bridge I&A Form 1(82)H		<b>FIELD INSPECTION REPORT</b> <u>Bridge Inspection &amp; Analysis</u>	
State of North Carolina Dept. of Transportation Division of Highways			
Team Leader <b>DEREK RICKUS</b>			
Assisted By <b>DJA</b>			
Item No.	Grade		
2a	G	SPAN 1 DECK ROADWAY SURFACE HAS A 2 FT LONG X 12 FT WIDE AREA PATCHED ALONG BENT 1 JOINT WITH BREAKING UP OF THE PATCH IN THE EASTBOUND LANE. SPAN 4 ROADWAY SURFACE HAS A 6 INCH LONG BY 6 INCH WIDE BY 1/2 INCH DEEP SPALL WITH EXPOSED REINFORCEMENT IN THE WESTBOUND LANE. SPAN 1 HAS A SIMILAR SPALL IN THE EASTBOUND LANE.	
5	G	BOTH WALKWAYS SHOW MINOR SCALE AND DELAMINATION WITH RANDOM CHIPPING ALONG THE FACE OF THE WALKWAYS.	
6d	F	JOINT SEALS AT BENTS 1 & 3 AND ABUTMENT 2 HAVE SETTLED 1/2 INCH AND ARE ALLOWING SAND ACCUMULATION IN THE JOINTS.	
10	G	GIRDER 1 OF SPAN 2 HAS 2 MINOR CHIPS DUE TO COLLISION DAMAGE.	
10A	NO	NO CURVED GIRDERS.	
36b	G	BENT 2, COLUMN 1 EAST FACE HAS A 4' LONG VERTICAL H/L CRACK IN THE CENTER. THERE ARE SEVERAL COLUMN FACES WITH THESE CRACKS. VERTICAL CRACKING WITH IMMINENT CORNER SPALLS ARE PRESENT ON COLUMNS 1 AND 3 AT BENT 2. SOUTH FACE OF BENT 1, COLUMN 3 HAS A VERTICAL H/L CRACK 6 FT LONG IN THE HAUNCH AREA.	
36c	G	CONCRETE FOUNDATION PILES ARE NOT VISIBLE. NO SETTLEMENT EVIDENT.	
38	G	CONCRETE FOUNDATION PILES ARE NOT VISIBLE. NO SETTLEMENT EVIDENT.	
50	F	THE APPROACH ROADWAYS ARE CRACKED AND SETTLED 1/2" ALONG THE FILLFACES.	

# BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 350118

County GASTON

Date: 09/06/2012

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
2816	Asphalt Surface Repair or Replacement	SY	16	THE APPROACH ROADWAYS ARE CRACKED AND SETTLED 1/2" ALONG THE FILLFACES.	
3310	Maintenance/Repair/Replacement of Standard Bridge Expansion Joints	LF	72	JOINT SEALS AT BENTS 1 & 3 AND ABUTMENT 2 HAVE SETTLED 1/2 INCH AND ARE ALLOWING SAND ACCUMULATION IN THE JOINTS.	
3326	Maintain Concrete Deck	SF	2	SPAN 4 ROADWAY SURFACE HAS A 6 INCH LONG BY 6 INCH WIDE BY 1/2 INCH DEEP SPALL WITH EXPOSED REINFORCEMENT IN THE WESTBOUND LANE. SPAN 1 HAS A SIMILAR SPALL IN THE EASTBOUND LANE.	
3326	Maintain Concrete Deck	SF	24	SPAN 1 DECK ROADWAY SURFACE HAS A 2 FT LONG X 12 FT WIDE AREA PATCHED ALONG BENT 1 JOINT WITH BREAKING UP OF THE PATCH IN THE EASTBOUND LANE.	
3348	Maintain Concrete Substructure Components	LF	1	EAST FACE OF BENT 3 CAP HAS A 1' DIAMETER SPALL UNDER BAY 1.	
3348	Maintain Concrete Substructure Components	LF	10	VERTICAL CRACKING WITH IMMINENT CORNER SPALLS ARE PRESENT ON COLUMNS 1 AND 3 AT BENT 2.	
3348	Maintain Concrete Substructure Components	LF	30	BENT 2, COLUMN 1 EAST FACE HAS A 4' LONG VERTICAL H/L CRACK IN THE CENTER. THERE ARE SEVERAL COLUMN FACES WITH THESE CRACKS.	

**Key**



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined



BENT 2, COLUMN 1 EAST FACE HAS A 4' LONG VERTICAL H/L CRACK IN THE CENTER. THERE ARE SEVERAL COLUMN FACES WITH THESE CRACKS.



VERTICAL CRACKING WITH IMMINENT CORNER SPALLS ARE PRESENT ON COLUMNS 1 AND 3 AT BENT 2.





THE APPROACH ROADWAYS ARE CRACKED AND SETTLED 1/2" ALONG THE FILLFACES.



SPAN 1 DECK ROADWAY SURFACE HAS A 2 FT LONG X 12 FT WIDE AREA PATCHED ALONG BENT 1 JOINT WITH BREAKING UP OF THE PATCH IN THE EASTBOUND LANE.



JOINT SEALS AT BENTS 1 & 3 AND ABUTMENT 2 HAVE SETTLED 1/2 INCH AND ARE ALLOWING SAND ACCUMULATION IN THE JOINTS.



SPAN 4 ROADWAY SURFACE HAS A 6 INCH LONG BY 6 INCH WIDE BY 1/2 INCH DEEP SPALL WITH EXPOSED REINFORCEMENT IN THE WESTBOUND LANE. SPAN 1 HAS A SIMILAR

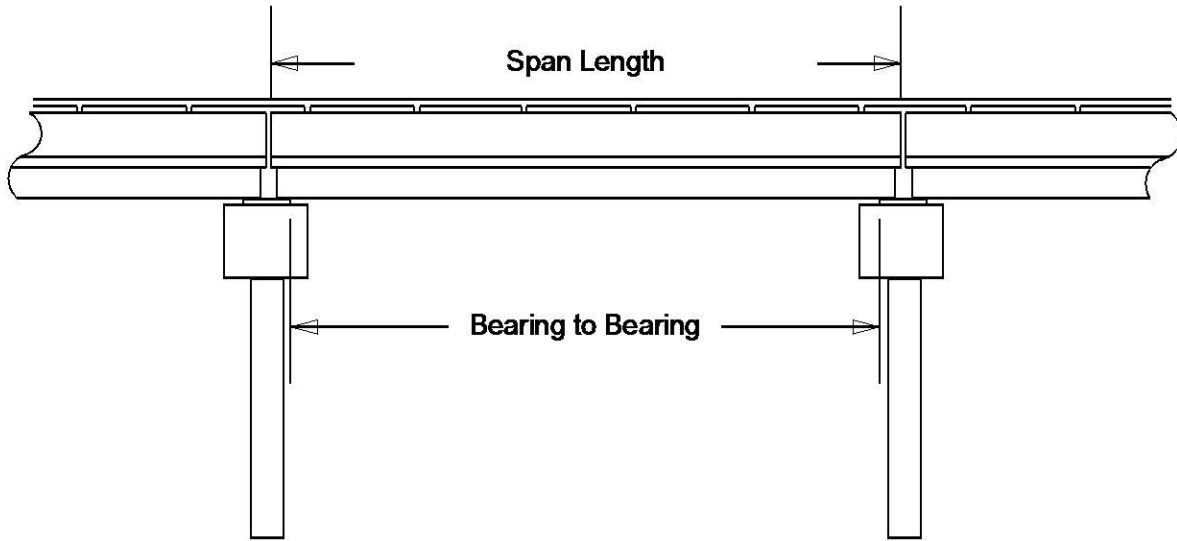


EAST FACE OF BENT 3 CAP HAS A 1' DIAMETER SPALL UNDER BAY 1.

# Structure Data Worksheet

Spans

County: GASTON      Structure No: 350118      Date: 09/06/2012      Inspected By: DCR



Span No	Span Length	Bearing to Bearing	Comments
1	52.833'	50.833'	NBIS = 48.833'
2	61.000'	59.667'	NBIS = 58.333'
3	61.000'	59.667'	NBIS = 58.333'
4	62.000'	59.625'	NBIS = 57.250'

# Bridge Inspection Field Sketch



Roadway	20.00ft Wide	2 Paved Lanes	Looking East
Left Shoulder	9ft Wide		9.00ft Unpaved
Right Shoulder	8ft Wide		8.00ft Unpaved
Left Guardrail	9.00ft from road		
Right Guardrail	8.00ft from road		

VERIFIED BY DEREK RICKUS ON 9-6-12

**Title**

APPROACH ROADWAY WIDTH

**Description**

APPROACH ROADWAY WIDTH

Bridge No: 350118

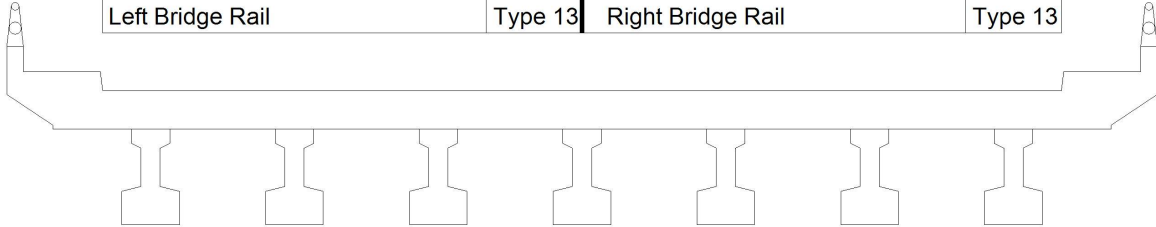
Drawn By: DCR

Date: 9/4/08

File Name: S0286000133

# Bridge Inspection Field Sketch

Deck Width/Out to Out	40.58ft	Wearing Surface	
Between Rails	38.33ft	Median Width	
Curb Height	.96ft	Median Height	
Top Rail to Deck/Wearing Surface	4.13ft	Left Guardrail Width	1.10ft
Clear Roadway	28.00ft	Right Guardrail Width	1.10ft
Left Bridge Rail	Type 13	Right Bridge Rail	Type 13



Measurements for Span #	1	SPANS 2 TO 4 SIMILAR	
Deck Thickness	.63	Left Overhang	2.67
Top of Rail to Bottom of Beam	7.76	Right Overhang	2.67

Beam No	Beam Type	Spacing	Comments
1	PPC Girder	5.88ft	
2	PPC Girder	5.88ft	
3	PPC Girder	5.88ft	
4	PPC Girder	5.88ft	
5	PPC Girder	5.88ft	
6	PPC Girder	5.88ft	
7	PPC Girder		



VERIFIED BY DEREK RICKUS ON 9-6-12

**Title**

TYPICAL SECTION

**Description**

TYPICAL SECTION

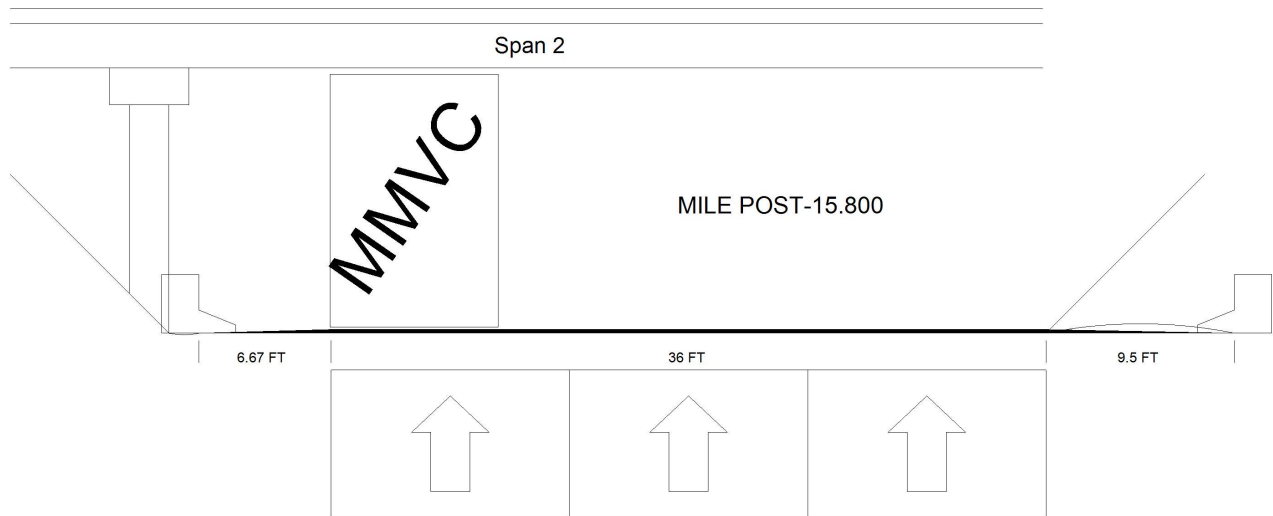
Bridge No: 350118

Drawn By: DCR

Date: 9/4/08

File Name: S0286000134

# Bridge Inspection Field Sketch



Roadway 1		Direction of Traffic	South
Distance to Left Rail	6.67FT	Distance to Right Rail	9.5FT
Distance to Left Toe of Slope		Distance to Left Bent	8.17FT
Distance to Right Toe of Slope		Distance to Right Bent	11FT
MMVC	16.08 Ft at Beam 7, 10 FT from LEFT EDGE OF PAVEMENT		
MVC	16 Ft at Beam 7, 12 FT from LEFT EDGE OF PAVEMENT		

VERIFIED BY DEREK RICKUS ON 9-6-12

**Title**

CLEARANCE - SPAN 2

**Description**

CLEARANCE FOR SPAN 2

Bridge No: 350118

Drawn By: DCR

Date: 9/4/08

File Name: S0286000135

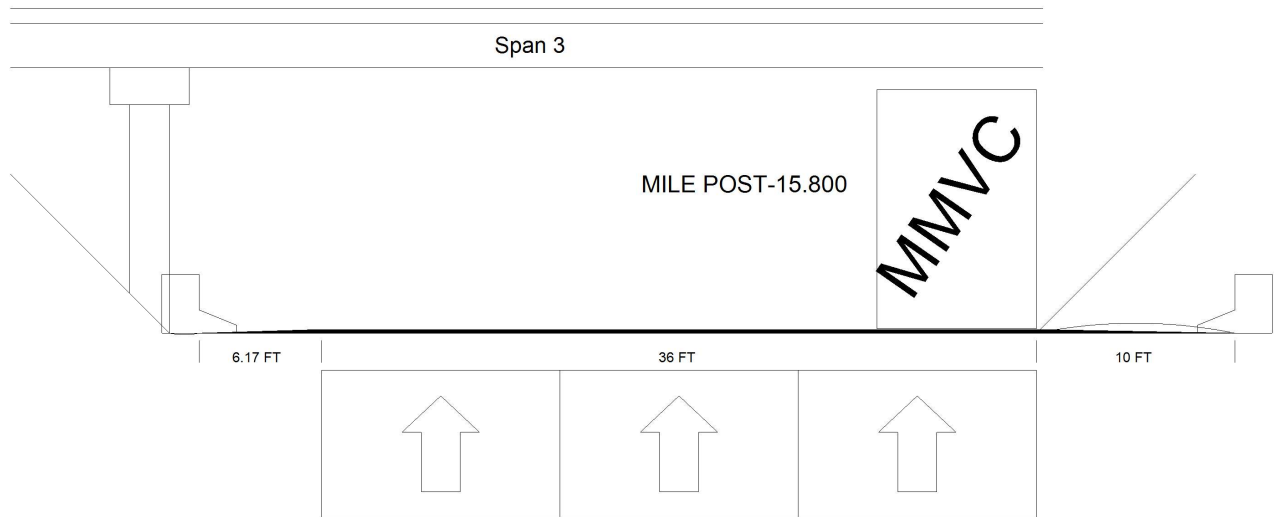
# Bridge Inspection Field Sketch

DELETE SKETCH

Title	Description		
SOUTHBOUND UNDERCLEARANCE	SOUTHBOUND UNDERCLEARANCE		
Bridge No: 350118	Drawn By: SJP	Date: 09/12/2006	File Name: S0286000164



# Bridge Inspection Field Sketch



Roadway 1		Direction of Traffic	North
Distance to Left Rail	6.17FT	Distance to Right Rail	10FT
Distance to Left Toe of Slope		Distance to Left Bent	7.67FT
Distance to Right Toe of Slope		Distance to Right Bent	11.5FT
MMVC	17.08 Ft at Beam 7. 10 FT from RIGHT EDGE OF PAVEMENT		
MVC	16.58 Ft at Beam 7. 12 FT from LEFT EDGE OF PAVEMENT		

VERIFIED BY DEREK RICKUS ON 9-6-12

**Title**

CLEARANCE - SPAN 3

**Description**

CLEARANCE FOR SPAN 3

Bridge No: 350118

Drawn By: DCR

Date: 9/4/08

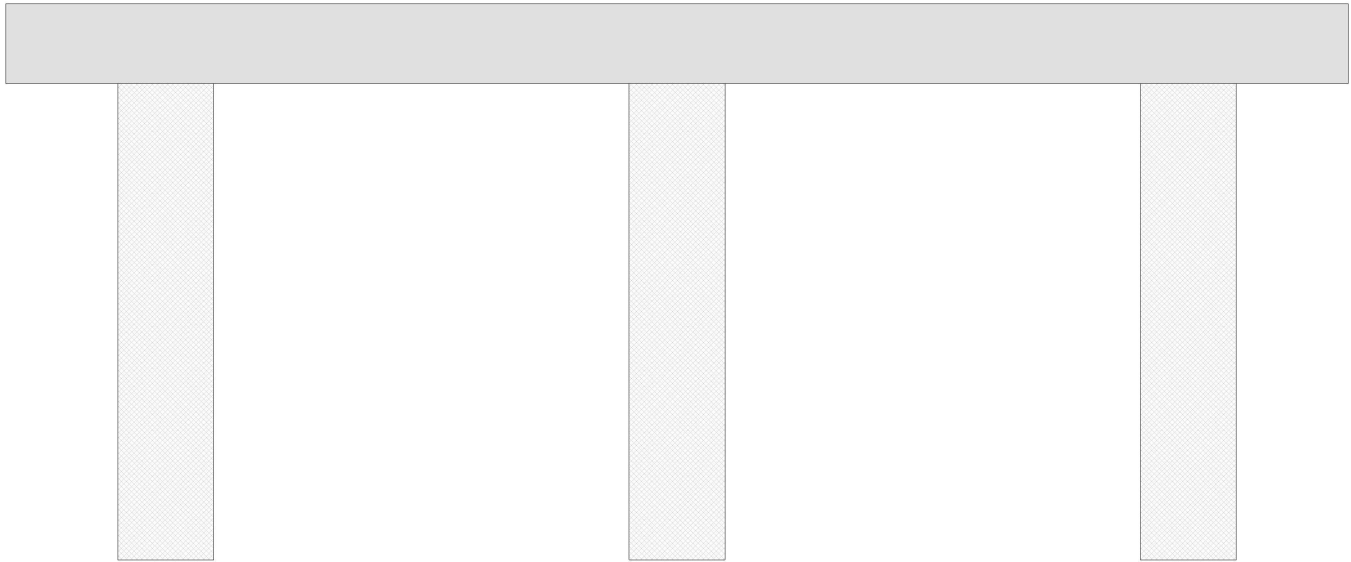
File Name: S0286000136

# Bridge Inspection Field Sketch

DELETE SKETCH

Title		Description	
NORTHBOUND UNDERCLEARANCE		NORTHBOUND UNDERCLEARANCE	
Bridge No: 350118	Drawn By: SJP	Date: 09/12/2006	File Name: S0286000165

# Bridge Inspection Field Sketch



<b>Cap Information</b>			<b>Material</b> Cast-in-Place Concrete							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
42.000 ft.	3.000 ft.	2.500 ft.	5.000 ft.	5.000 ft.	1.833 ft.	1.833 ft.				
<b>Subcap Information</b>			<b>Material</b>							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
<b>Sill Information</b>			<b>Material</b>							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Concrete	16.0 ft.	3.0 ft.	2.5 ft.		Vertical	No	No	No	No
2	Concrete	16.0 ft.	3.0 ft.	2.5 ft.		Vertical	No	No	No	No
3	Concrete		3.0 ft.	2.5 ft.		Vertical	No	No	No	No
<b>Bent/Abutment #:</b> 1			<b>Similar Bents:</b> 2 AND 3							

<b>Title</b> SUBSTRUCTURE				<b>Description</b> DETAILS			
<b>Bridge No:</b> 350118	<b>Drawn By:</b> DEREK RICKUS			<b>Date:</b> 9/6/2012		<b>File Name:</b> S0142001883	



NORTH PROFILE



BENT 1



BENT 3



SOUTH PROFILE



BENT 2



ABUTMENT 1



TYPICAL GUARDRAIL END AND POST SPACING. NW END SHOWN.



WEST APPROACH



BRIDGE INFO PLATES AT THE SW AND NE CORNERS.



TYPICAL GUARDRAIL CONNECTION AND POST SPACING. SW CORNER SHOWN.





GUARDRAIL LOOKING WEST



GUARDRAIL LOOKING EAST



EAST APPROACH



ABUTMENT 2