



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION

TEMP REPAIRS: ENCASED PILES

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY COLUMBUS BRIDGE NUMBER 230118 INSPECTION CYCLE 2 YRS
ROUTE SR1317 ACROSS GUM SWAMP M.P. 0

LOCATION 0.3 MI N JCT SR1314

SUPERSTRUCTURE RC FLOOR/TIMBER JOIST (BMD-10)

SUBSTRUCTURE EBTS&IBT:TIMBER CAP/TIMBER PILES @ VAR.CTS.

SPANS 2@17'8

LONGITUDE 78° 50' 37.71"

LATITUDE 34° 12' 54.51"

PRESENT CONDITION FAIR

INVENTORY RATING

INSPECTION DATE 08/15/2012

OPERATING RATING

PRESENT POSTING SV 20 TTST 29 SV 20 TTST 29

PROPOSED POSTING

COMPUTER UPDATE

ANALYSIS DATE

POSTING LETTER DATE

SUFFICIENCY RATING

OTHER SIGNS PRESENT 4 DELINEATORS



LOOKING SOUTH (CLARENDON CHADBOURN ROAD)

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

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

Run Date: 09/10/2012

IDENTIFICATION					
(1) STATE NAME -NORTH CAROLINA	BRIDGE	230118		SUFFICIENCY RATING =	27.43
(8) STRUCTURE NUMBER(FEDERAL)		00000000470118		STATUS =	Structurally Deficient
(5) INVENTORY ROUTE (ON/UNDER) - ON		31013170			
(2) STATE HIGHWAY DEPARTMENT DISTRICT		3			
(3) COUNTY CODE	47	(4) PLACE CODE	0		
(6) FEATURE INTERSECTED - GUM SWAMP					
(7) FACILITY CARRIED SR1317					
(9) LOCATION 0.3 MI N JCT SR1314					
(11) MILEPOINT		0			
(16) LAT 34° 12' 54.51"	(17) LONG	78° 50' 37.71"			
(98) BORDER BRIDGE STATE CODE		PCT SHARE			
(99) BORDER BRIDGE STRUCTURE NO					
STRUCTURE TYPE AND MATERIAL				CLASSIFICATION	
(43) STRUCTURE TYPE MAIN: Wood or Timber				(112) NBIS BRIDGE SYSTEM -	YES
TYPE - Stringer Multibeam or Girder		CODE 702		(104) HIGHWAY SYSTEM Is not on NHS	0
(44) STRUCTURE TYPE APPR :				(26) FUNCTIONAL CLASS - Minor Collector	08
TYPE -		CODE 000		(100) STRAHNET HIGHWAY - Not a STRAHNET Route	0
(45) NUMBER OF SPANS IN MAIN UNIT		2		(101) PARALLEL STRUCTURE - No Parallel Structure	N
(46) NUMBER OF APPROACH SPANS				(102) DIRECTION OF TRAFFIC - 2-way Traffic	2
(107) DECK STRUCTURE TYPE - 1		CODE		(103) TEMPORARY STRUCTURE - Temporary Structure/Conditions	T
(108) WEARING SURFACE / PROTECTIVE SYSTEM :				(110) DESIGNATED NATIONAL NETWORK - Not on the National Network	0
(A) TYPE OF WEARING SURFACE -		CODE		(20) TOLL On Free Road	3
(B) TYPE OF MEMBRANE -		CODE		(31) MAINTAIN - State Highway Agency	01
(C) TYPE OF DECK PROTECTION -		CODE		(22) OWNER - State Highway Agency	01
				(37) HISTORICAL SIGNIFICANCE - Not Eligible	5
				CONDITION	
				(58) DECK	7
				(59) SUPERSTRUCTURE	5
				(60) SUBSTRUCTURE	4
				(61) CHANNEL & CHANNEL PROTECTION	7
				(62) CULVERTS	N
				LOAD RATING AND POSTING	
				(31) DESIGN LOAD Unknown	0
				(63) OPERATING RATING METHOD - Allowable Stress	
				(64) OPERATING RATING - HS-1	201
				(65) INVENTORY RATING METHOD - Allowable Stress	
				(66) INVENTORY RATING - HS-1	201
				(70) BRIDGE POSTING - Posting Required	2
				(41) STRUCTURE OPEN, POSTED ,OR CLOSED	P
				DESCRIPTION - Posted for Load	
				APPRAISAL	
				(67) STRUCTURAL EVALUATION	3
				(68) DECK GEOMETRY	4
				(69) UNDERCLEARANCES, VERTI & HORIZ	N
				(71) WATERWAY ADEQUACY	7
				(72) APPROACH ROADWAY ALIGNMENT	7
				(36) TRAFFIC SAFETY FEATURES	0000
				(113) SCOUR CRITICAL BRIDGES	U
				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 1380	(115) YEAR FUTURE ADT 2025
				INSPECTIONS	
				(90) INSPECTION DATE	08/15/2012
				(92) CRITICAL FEATURE INSPECTION :	(93) CFI DATE
				A) FRACTURE CRIT DETAIL - NO	A)
				B) UNDERWATER INSP - YES 24Mo	B) 03/29/2011
				C) OTHER SPECIAL INSP NO	C)
				SCOUR	
NAVIGATION DATA					
(38) NAVIGATION CONTROL - No Navigational Control		CODE 0			
(111) PIER PROTECTION -		CODE			
(39) NAVIGATION VERTICAL CLEARANCE		0			
(116) VERT - LIFT BRIDGE NAV MIN VERT CLEAR		FT			
(40) NAVIGATION HORIZONTAL CLEARANCE		0 FT			

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 09/10/2012

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :	
COLUMBUS	6	3	230118	35	FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
SR1317	GUM SWAMP

LOCATED :	BRIDGE NAME :	CITY :
0.3 MI N JCT SR1314		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
08	NFA	NFA	690 2011	LT 241 RT 241

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1956	BMU			Unknown

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :		
			TAN.	90	ON 2	UNDER	0

NAVIGATION :			HT. CRN. TO BED :		WATER DEPTH :		
VC 0 FT	HC 0 FT		9 FT		2		FT

SUPERSTRUCTURE :	RC FLOOR/TIMBER JOIST (BMD-10)
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SUBSTRUCTURE :	EBTS&IBT:TIMBER CAP/TIMBER PILES @ VAR.CTS.
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SPANS :	2@17'8
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BEAMS OR GIRDERS :	19 LINES 6X12 TIMBER JOIST @1'4.25 CTS.
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FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
5 RC/1.5 AWS		25.33 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
24 FT	25.5 FT	LT .75 FT RT .75 FT

VERT.CL.OVER :
999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :	TTST	DATE
HS-1	HS-1	int.joist	SV 22	32	09/10/2012

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

UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTION RECORD AND SUMMARY

INSPECTION TYPE Routine Inspection
 BRIDGE NO. 230118 COUNTY COLUMBUS ROUTE SR1317 OVER GUM SWAMP
 STRUCTURE TYPE RC FLOOR/TIMBER JOIST (BMD-10)
 ROUTE ORIENTATION S - N SPANS 2@17'8

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

**BRIDGE INSPECTION RECORD AND SUMMARY
FOR SHORED STRUCTURES OR STRUCTURES
WITH TEMPORARY REPAIRS MADE TO KEEP
A BRIDGE OPEN**

BRIDGE:

118

COUNTY:

Columbus

DATE:

4-28-11

THE FOLLOWING S. I. & A ITEMS ARE TO BE CODED TO REFLECT THE FACT
THAT THE STRUCTURE IS SHORED OR HAS HAD TEMPORARY REPAIRS MADE
TO KEEP THE BRIDGE OPEN :

	<u>CODE</u>	<u>BY</u>
S I & A ITEM 103 - TEMPORARY STRUCTURE DESIGNATION	T	TSC
S I & A ITEM 59 - SUPERSTRUCTURE		
S I & A ITEM 60 - SUBSTRUCTURE	4	TSC
S I & A ITEM 64 OPERATING RATING		
HS 201		BY:
S I & A ITEM 66 - INVENTORY RATING		
HS 201		BY:

COMMENTS

Some Piles Excased In Concrete. Temp Repairs

Bridge I&A Form 1(82)H State of North Carolina Dept. of Transportation Division of Highways		FIELD INSPECTION REPORT <u>Bridge Inspection & Analysis</u>	
Team Leader R.D. HEATH			
Assisted By R.L. KISNER			
Item No.	Grade		
1	F	(ASPHALT WEARING SURFACE) THERE IS A HAIRLINE TO 1/8" LONGITUDINAL CRACK IN SPAN 1 AT THE CENTERLINE. (PHOTO) THE ASPHALT WEARING SURFACE IN SPAN 1 RIGHT SHOULDER EXHIBITS 1/8" MAP CRACKING. (PHOTO) THE BENT 1 STANDARD JOINT IS COVERED WITH ASPHALT WEARING SURFACE PATCH. (PHOTO)	
4	G	(CONC CURBS) THE RIGHT CURB IN SPAN 1 HAS A SURFACE SPALL. (PHOTO)	
6d	G	(STANDARD JOINTS) THE BENT 1 JOINT IS COVERED WITH ASPHALT WEARING SURFACE PATCH. (PHOTO)	
7	G	(DECK DEBRIS) THERE IS SCATTERED DEBRIS AT THE LEFT AND RIGHT CURBS. (PHOTOS)	
10A	NO	(CURVED GIRDERS) NO CURVED GIRDERS.	
11	F	(TIMBER JOISTS) EXTERIOR JOIST 1 IN SPAN 2 AT BENT 1 END DECAYED 2 1/2" HIGH X 2" WIDE X 3" DEEP. (PHOTO) JOIST 1 SPAN 2 WITH 1/4" WIDE CHECKS. OTHER JOISTS ARE SIMILAR. (PHOTO) EXTERIOR JOIST 19 SPAN 2 AT BENT 1 DECAYED 1" TO 2" WIDE X 4" HIGH X 3" DEEP. (PHOTO) THE REMAINING JOISTS HAVE A FEW SHALLOW SOFT AREAS ON THE ENDS AND SOME LONGITUDINAL CRACKING.	
35a	F	(TIMBER CAPS) THE END BENTS 1, AND 2 CAPS ARE ROLL BACK 1/2" AT PILE 4. (PHOTOS) THE BENT 1 CAP IS DECAYED UP TO 11" DEEP AT THE TOP END PORTION AND A 5/16" TO 3/8" WIDE X 8" DEEP VERTICAL CRACK ON THE WEST END FACE. (PHOTO)	
35b	G	THE BENT 1 CAP AT EAST END IS SURFACE DECAYED. (PHOTO) (TIMBER PILES) PILE 2 AT END BENT 1 IS ENCASED IN CONCRETE. (PHOTO) PILE 1 AT BENT 1 IS ENCASED IN CONCRETE. (PHOTO) PILE 3 AT END BENT 1 IS SURFACE DECAYED. (PHOTO) THERE IS NO CROSSBRACING AT BENT 1. SEE DIVERS UNDERWATER INSPECTION REPORT DATED 3/29/2011.	

Bridge I&A Form 1(82)H State of North Carolina Dept. of Transportation Division of Highways		FIELD INSPECTION REPORT <u>Bridge Inspection & Analysis</u>	
Team Leader R.D. HEATH			
Assisted By R.L. KISNER			
Item No.	Grade		
35c	F	(TIMBER BULKHEADS) THERE IS FILL LEAKAGE ON THE END BENT 1 CAP IN BAYS 13, 14, 15, 16, AND 17. (PHOTO) THERE IS A NEW TURNPILE AT SOUTHEAST CORNER. (PHOTO) THERE IS A NEW TURNPILE AT NORTHEAST CORNER. (PHOTO) THERE ARE END SURFACE DECAYED WINGWALL BOARDS AT TOP PORTION IN NORTHWEST CORNER. THERE IS A FULLY DECAYED WINGWALL PILE AT NORTHWEST CORNER. (PHOTO) THERE IS A DECAYED BULKHEAD BOARD AT SOUTHWEST CORNER. (PHOTO)	
39	G	THE END BENT 1 BULKHEAD WITH SCAB BOARDS BETWEEN PILES 2 AND 4. (PHOTO) (SLOPE PROTECTION) RIP RAP PLACED AT THE NORTHEAST AND SOUTHEAST CORNERS.	
45a	G	(WATERWAY) SEE DIVERS UNDERWATER INSPECTION REPORT DATED 3/29/2011.	
45c	G	(SCOUR) SEE SCOUR REPORT DATED 5/13/2010.	
50	F	(APPROACH ROADWAY) THERE IS VEGETATION ON DELINEATOR AT SOUTHWEST CORNER. (PHOTO) THE SOUTH APPROACH ASPHALT WEARING SURFACE SETTLED UP TO 1/2" IN THE NORTH BOUND LANE. (PHOTO) THE NORTH APPROACH ASPHALT WEARING SURFACE SETTLED UP TO 1/2" IN THE SOUTH BOUND LANE. (PHOTO)	
62	YES	(PRESENTLY POSTED) SV - 20 TONS, TTST - 29 TONS	

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 230118

County COLUMBUS

Date: 08/15/2012

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	3	NORTH APPROACH ASPHALT WEARING SURFACE SETTLED UP TO 1/2" IN THE SOUTH BOUND LANE	
2816	Asphalt Surface Repair or Replacement	SY	3	SOUTH APPROACH ASPHALT WEARING SURFACE SETTLED UP TO 1/2" IN THE NORTH BOUND LANE	
3344	Repair / Replace Timber Substructure Components	LF	1	BENT 1 CAP WEST END IS DECAYED UP TO 11" DEEP AT TOP WITH A 5/16" TO 3/8" WIDE VERTICAL CRACK	
3346	Repair / Maintain Timber Wings & Blkhds	SF	5	FULLY DECAYED WINGWALL PILE AT NORTHWEST CORNER	
3346	Repair / Maintain Timber Wings & Blkhds	SF	6	DECAYED BULKHEAD BOARD AT SOUTHWEST CORNER	
3346	Repair / Maintain Timber Wings & Blkhds	SF	15	FILL LEAKAGE ON END BENT 1 CAP IN BAYS 12 THRU 17	
3366	Drift and Debris Removal	HR	2	SCATTERED DEBRIS ALONG LEFT CURB	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined



PILE 2 AT END BENT 1 ENCASED IN CONCRETE



PILE 1 AT BENT 1 ENCASED IN CONCRETE



END BENT 1 CAP ROLLED BACK 1/2" AT PILE 4



PILE 3 AT END BENT 1 SURFACE DECAYED



FILL LEAKAGE ON END BENT 1 CAP IN BAYS 12 THRU 17



DECAYED BULKHEAD BOARD AT SOUTHWEST CORNER



END BENT 1 BULKHEAD WITH SCAB BOARDS BETWEEN PILES 2 AND 4



NEW TURNPILE AT SOUTHEAST CORNER



NEW TURNPILE AT NORTHEAST CORNER



FULLY DECAYED WINGWALL PILE AT NORTHWEST CORNER



JOIST 1 IN SPAN 2 AT BENT 1 END DECAYED 2 1/2" HIGH X 2" WIDE X UP TO 3" DEEP



JOIST 1 IN SPAN 2 WITH 1/4" WIDE CHECKS



JOIST 19 IN SPAN 2 AT BENT 1 DECAYED 1" TO 2" WIDE X 4" HIGH X 3" DEEP



BENT 1 CAP AT EAST END IS SURFACE DECAYED



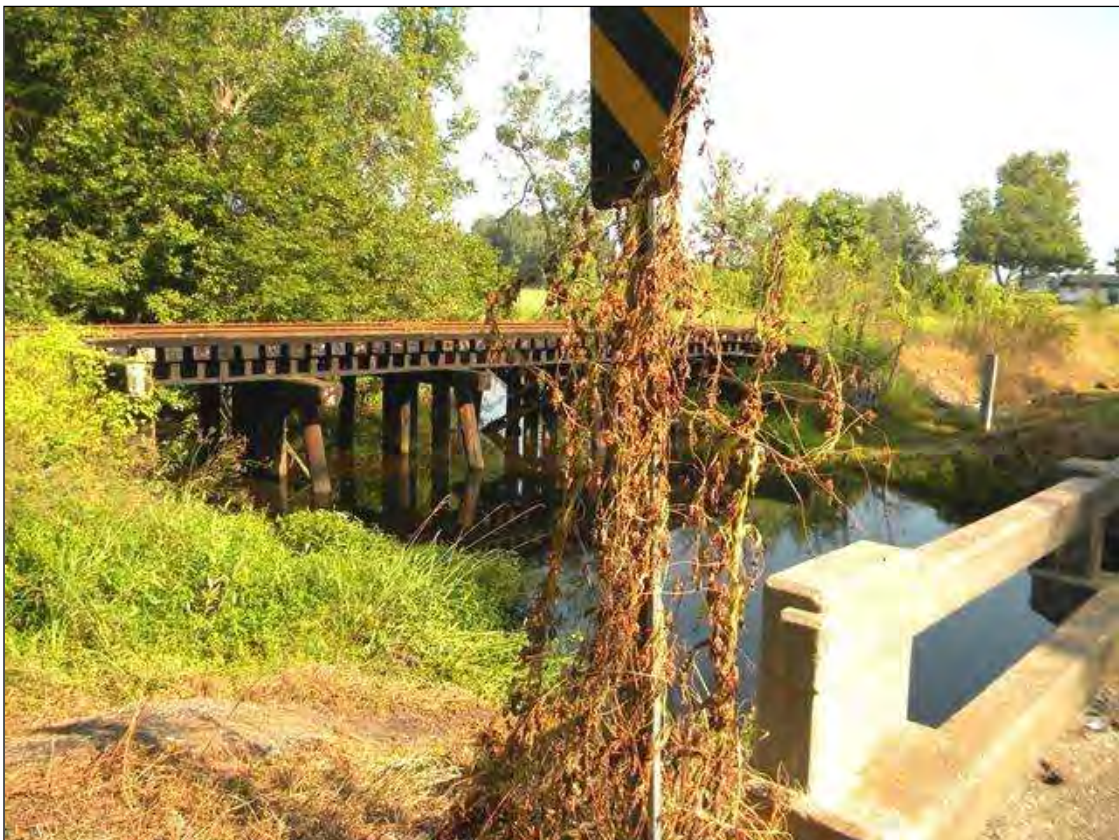
BENT 1 CAP WEST END IS DECAYED UP TO 11" DEEP AT TOP WITH A 5/16" TO 3/8" WIDE VERTICAL CRACK



END BENT 2 CAP ROLLED BACK 1/2" AT PILE 4



SOUTH APPROACH ASPHALT WEARING SURFACE SETTLED UP TO 1/2" IN THE NORTH BOUND LANE



VEGETATION ON DELINEATOR AT SOUTHWEST CORNER



SCATTERED DEBRIS ALONG LEFT CURB



SCATTERED DEBRIS ALONG RIGHT CURB



HAIRLINE TO 1/8" LONGITUDINAL CRACK IN SPAN 1 AT CENTERLINE



1/8" MAP CRACKING IN ASPHALT WEARING SURFACE AT SPAN 1 RIGHT SHOULDER



BENT 1 STANDARD JOINT COVERED WITH ASPHALT WEARING SURFACE PATCH



SURFACE SPALL IN RIGHT CURB AT SPAN 1, NEAR BENT 1



NORTH APPROACH ASPHALT WEARING SURFACE SETTLED UP TO 1/2" IN THE SOUTH BOUND LANE

Structure Data Worksheet

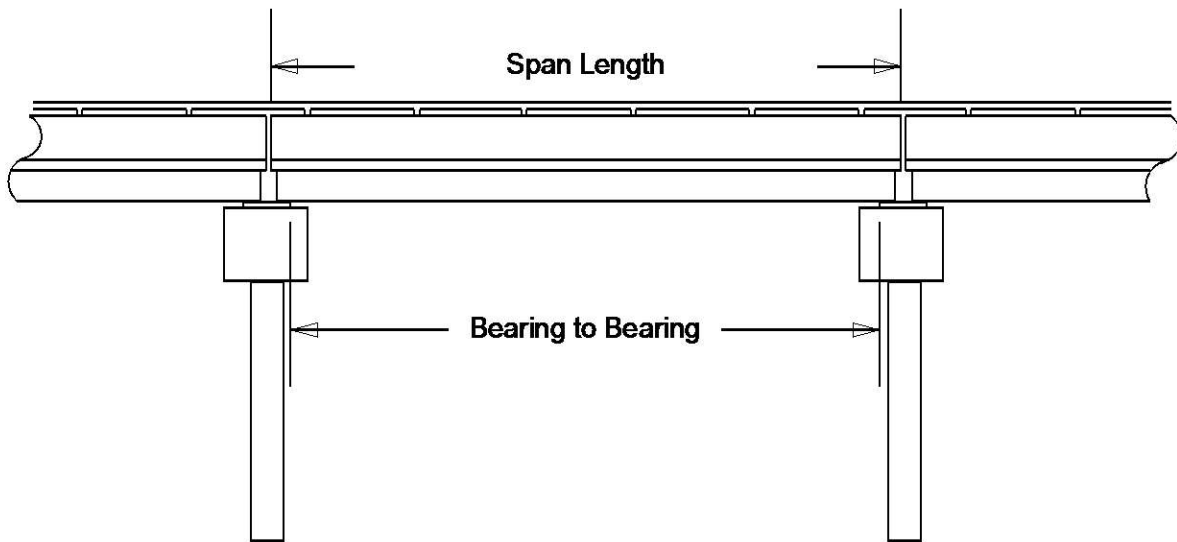
Spans

County: **COLUMBUS**

Structure No: **230118**

Date: **08/15/2012**

Inspected By: **RDH**



Span No	Span Length	Bearing to Bearing	Comments
1	17.667 FT.	16.833 FT.	NBIS 32.50 FT.
2	17.667 FT.	16.833 FT.	

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 230118 County: COLUMBUS Date: 08/15/2012 By: RDH

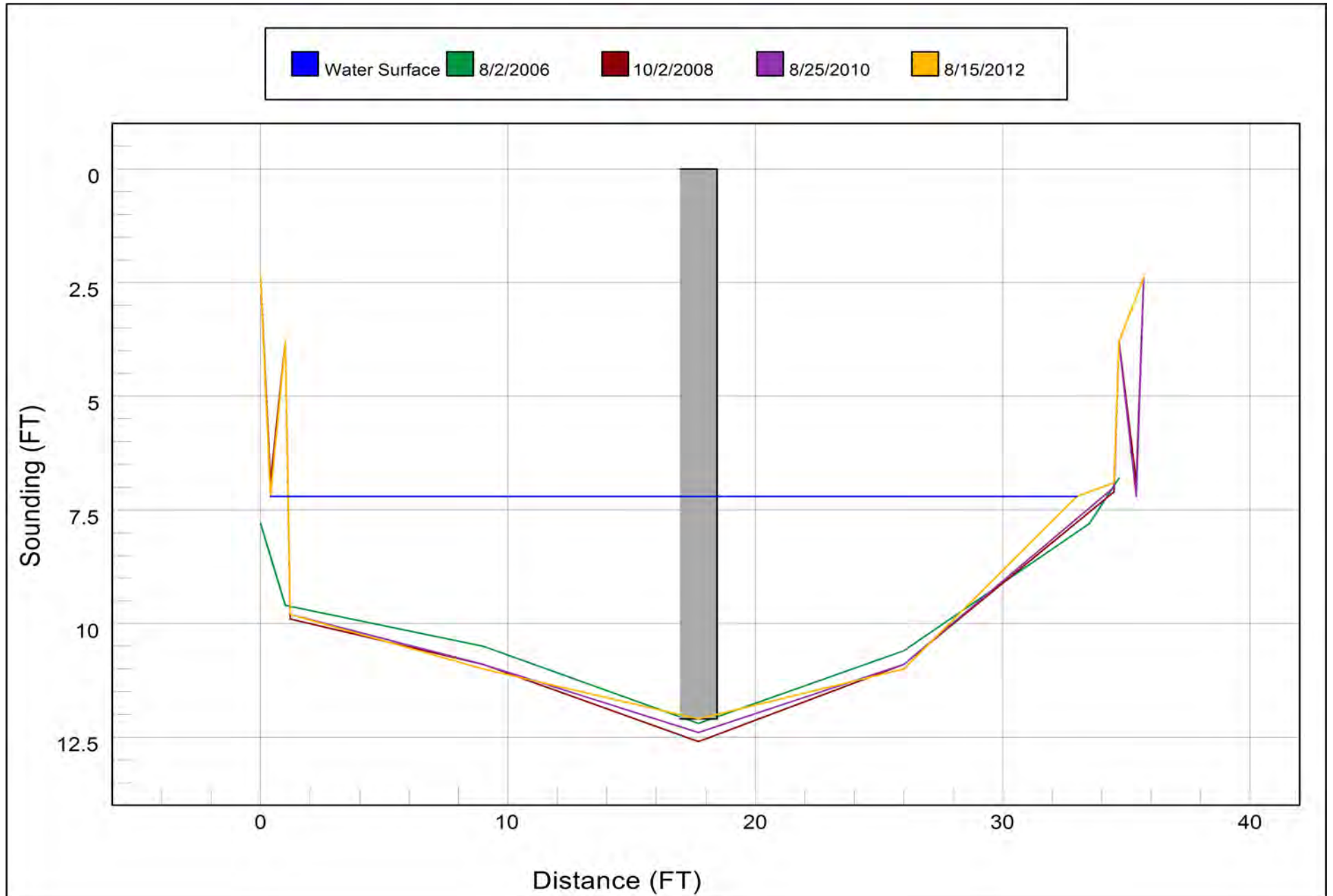
Record sounding from top of rail. Other location if needed: TOP OF RAIL

Distance from Highwater Mark to top of rail: 3.8 Location of Highwater Mark: TOP OF CAP

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
0	2.4	TOP OF BULKHEAD			
0.4	7.2	WSWE (EAST)			
1	3.8	Top of Cap			
1.2	9.8	BED AT CAP	1.2	7.4	BED AT CAP
9	11				
17.7	12.1	BENT 1	17.7	11	BENT 1
26	11				
33	7.2	WSWE			
34.5	6.9	GROUND AT CAP	34.5	9.1	BED AT CAP
34.7	3.8	Top of Cap			
35.7	2.4	TOP OF BULKHEAD			

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch



SR-1317 (CLARENDON CHADBOURN ROAD)

Roadway	18ft Wide	2 Paved Lanes	Looking North
Left Shoulder	4ft Wide		4ft Unpaved
Right Shoulder	4ft Wide		4ft Unpaved
Left Guardrail			
Right Guardrail			

MEASUREMENTS VERIFIED BY RLK 8/16/12

MEASUREMENTS VERIFIED BY RLK 8/25/10

Title

APPROACH ROADWAY

Description

LOOKING NORTH

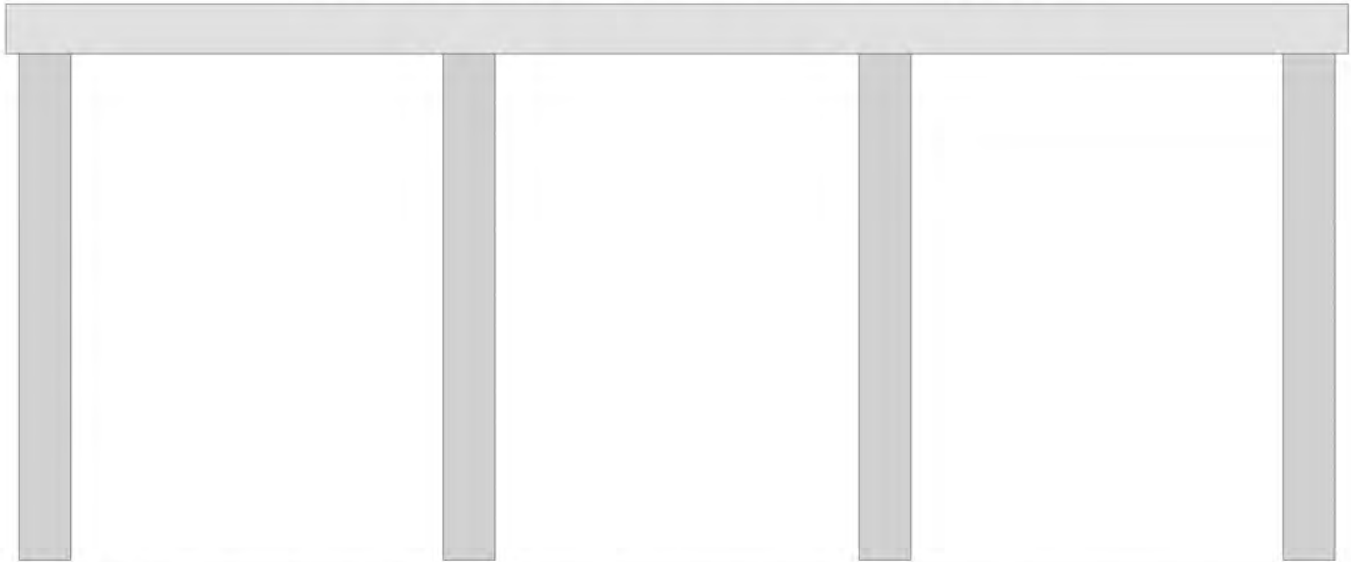
Bridge No: 230118

Drawn By: SLK

Date: 06/08/2006

File Name: S0326000056

Bridge Inspection Field Sketch



Cap Information			Material Timber							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
25.833 ft.	1.042 ft.	0.958 ft.	0.75 ft.	0.75 ft.	1.0833 ft.	1.0 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	8.1667 ft.				Vertical	Yes	No	No	No
2	Timber	8.0 ft.				Vertical	Yes	No	No	No
3	Timber	8.1667 ft.				Vertical	Yes	No	No	No
4	Timber					Vertical	Yes	No	No	No
NOTE: THERE IS NO CROSSBRACING AT BENT 1 NOTE: R.C. REPAIR JACKETS AT P2 @ EBT1, P1 @ BT1 MEASUREMENTS VERIFIED BY RLK 8/16/12 MEASUREMENTS VERIFIED BY RLK 8/25/10										
Bent/Abutment #: 1			Similar Bents:							

Title

SUBSTRUCTURE

Description

SIMILAR END/ INTERIOR BENT

Bridge No: 230118

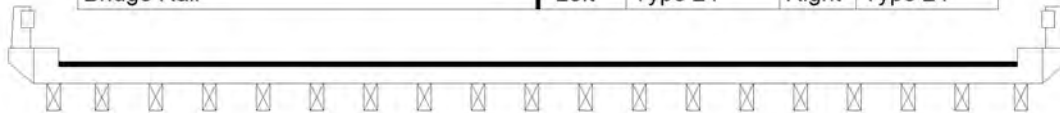
Drawn By: SLK

Date: 06/08/2006

File Name: S0326000057

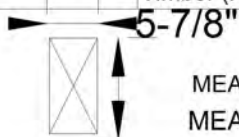
Bridge Inspection Field Sketch

Deck Width/Out to Out	25.33ft	Between Rails	25.5ft
Clear Roadway	24ft	Wearing Surface	0.125ft
Median Width		Median Height	
Curb Height		Left	0.61ft
Sidewalk Width		Left	
Clear Roadway (Rail to Median)		Left	
Guardrail Width		Left	2ft
Top of Rail to Deck/Wearing Surface		Left	2.333ft
Bridge Rail		Left	Type 24



Measurements for Span #	1	SPAN 2 SIMILAR	
Deck Thickness	0.417	Left Overhang	0.5
Top of Rail to Bottom of Beam	3.833	Right Overhang	0.479

Beam Number	Beam Type	Spacing	Comments
1	Timber (Rectangular)	ft	
2	Timber (Rectangular)	1.21 ft	
3	Timber (Rectangular)	1.35 ft	
4	Timber (Rectangular)	1.35 ft	
5	Timber (Rectangular)	1.35 ft	
6	Timber (Rectangular)	1.35 ft	
7	Timber (Rectangular)	1.35 ft	
8	Timber (Rectangular)	1.35 ft	
9	Timber (Rectangular)	1.35 ft	
10	Timber (Rectangular)	1.35 ft	
11	Timber (Rectangular)	1.35 ft	
12	Timber (Rectangular)	1.35 ft	
13	Timber (Rectangular)	1.35 ft	
14	Timber (Rectangular)	1.35 ft	
15	Timber (Rectangular)	1.35 ft	
16	Timber (Rectangular)	1.35 ft	
17	Timber (Rectangular)	1.35 ft	
18	Timber (Rectangular)	1.35 ft	
19	Timber (Rectangular)	1.48 ft	



MEASUREMENTS VERIFIED BY RLK 8/16/12
MEASUREMENTS VERIFIED BY RLK 8/25/10

Title

SUPERSTRUCTURE

Description

SIMILAR SECTION

Bridge No: 230118

Drawn By: SLK

Date: 06/08/2006

File Name: S0326000058



EAST SIDE



END BENT 1



BENT 1



END BENT 2



SPAN 2 UNDERSIDE, SPAN 1 IS SIMILAR



UPSTREAM WEST, THRU SPAN 2



DOWNSTREAM EAST, THRU SPAN 2



WEST SIDE



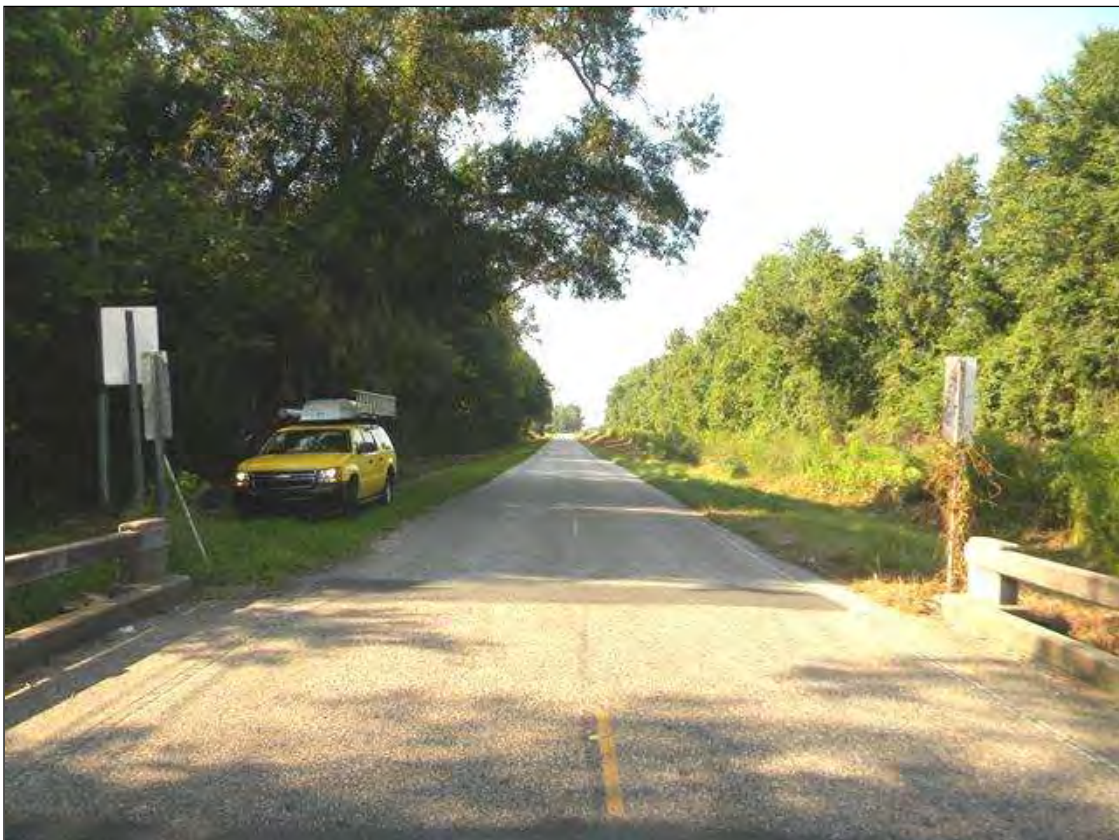
EAST END OF BENT 1 CAP



LOOKING NORTH (CLARENDON CHADBOURN ROAD)



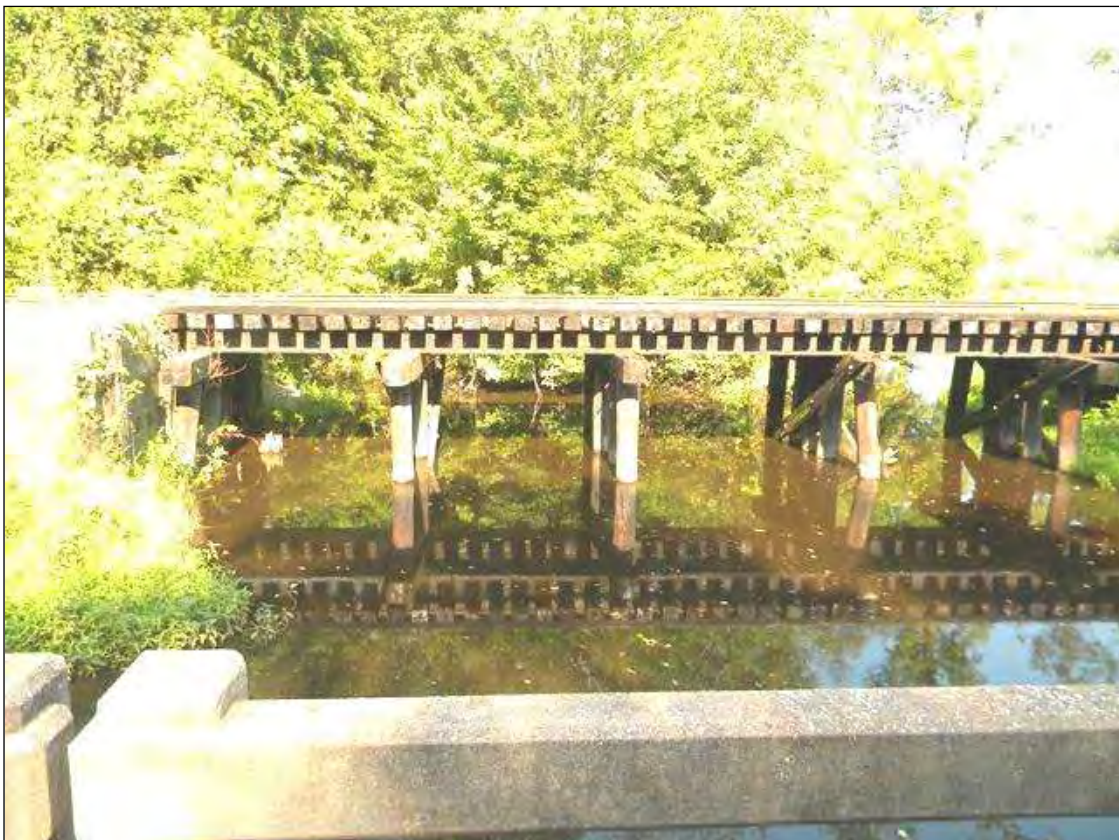
LOOKING NORTH



LOOKING SOUTH, OFF BRIDGE



LOOKING NORTH, OFF BRIDGE



UPSTREAM WEST



DOWNSTREAM EAST



LOOKING SOUTH (CLARENDON CHADBOURN ROAD)



LOOKING SOUTH