



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY COLUMBUS BRIDGE NUMBER 230126 INSPECTION CYCLE 2 YRS
ROUTE SR1005 ACROSS GUM SWAMP M.P. 0

LOCATION 0.3 MI.N.JCT.SR1315

SUPERSTRUCTURE RC DECK/CONT I-BEAMS(BMD-6-3 6-5MOD.)

SUBSTRUCTURE E.BTS&INT.BT:RC CAP/TIMBER PILES @ 7'3CTS.

SPANS 2@20'2CONT.

LONGITUDE 78° 47' 47.35"

LATITUDE 34° 12' 13.39"

PRESENT CONDITION FAIR

INVENTORY RATING

INSPECTION DATE 07/16/2012

OPERATING RATING

PRESENT POSTING Not Posted

PROPOSED POSTING

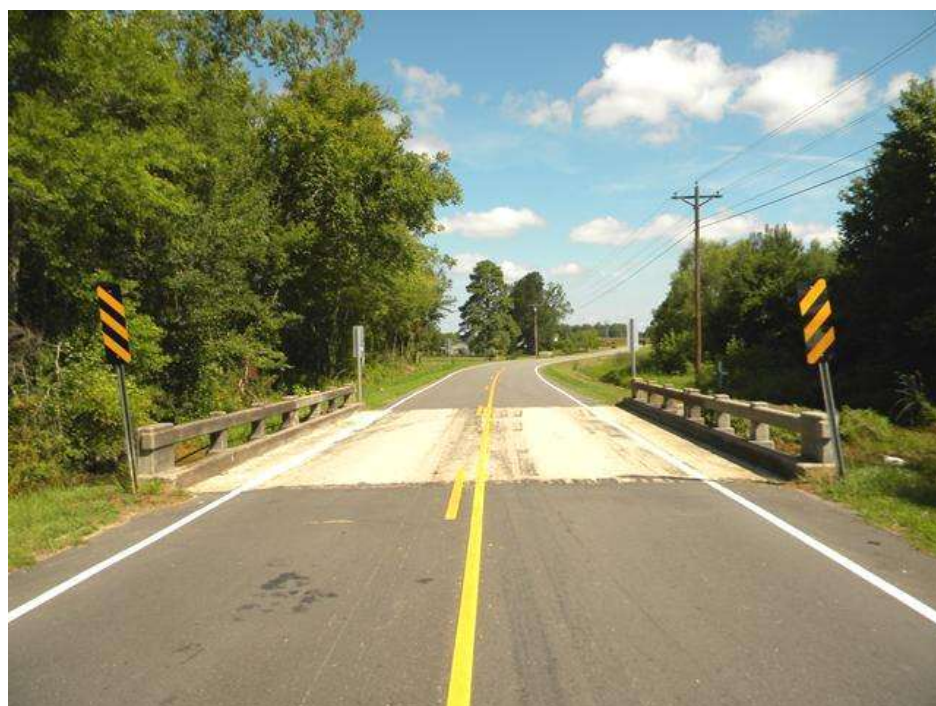
COMPUTER UPDATE

ANALYSIS DATE

POSTING LETTER DATE

SUFFICIENCY RATING

OTHER SIGNS PRESENT 4 DELINEATORS



LOOKING NORTH (PEACOCK ROAD)

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

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

Run Date: 07/27/2012

IDENTIFICATION			
(1) STATE NAME -NORTH CAROLINA	BRIDGE	230126	SUFFICIENCY RATING = 16.31
(8) STRUCTURE NUMBER(FEDERAL)	000000000470126		STATUS = Structurally Deficient
(5) INVENTORY ROUTE (ON/UNDER) - ON	31010050		
(2) STATE HIGHWAY DEPARTMENT DISTRICT	3		
(3) COUNTY CODE 47 (4) PLACE CODE	0		
(6) FEATURE INTERSECTED - GUM SWAMP			
(7) FACILITY CARRIED SR1005			
(9) LOCATION 0.3 MI.N.JCT.SR1315			
(11)MILEPOINT	0		
(16)LAT 34° 12' 13.39" (17)LONG 78° 47' 47.35"			
(98)BORDER BRIDGE STATE CODE	PCT SHARE		
(99)BORDER BRIDGE STRUCTURE NO			
STRUCTURE TYPE AND MATERIAL			
(43) STRUCTURE TYPE MAIN: Steel Continuous			
TYPE - Stringer Mutlibeam or Girder	CODE 402		
(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	1954		
(106)YEAR RECONSTRUCTED			
(42) TYPE OF SERVICE : ON - Highway			
UNDER - Waterway	CODE 15		
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE			
(29) AVERAGE DAILY TRAFFIC	1400		
(30) YEAR OF ADT 2010 (109) TRUCK ADT PCT	6%		
(19) BYPASS OR DETOUR LENGTH	6 MI		
GEOMETRIC DATA			
(48) LENGTH OF MAXIMUM SPAN	19 FT		
(49) STRUCTURE LENGTH	40 FT		
(50)CURB OR SIDEWALK: LEFT .8 FT RIGHT .8 FT			
(51) BRIDGE ROADWAY WIDTH CURB TO CURB	24 FT		
(52) DECK WIDTH OUT TO OUT	25.3 FT		
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)	18 FT		
(33) BRIDGE MEDIAN - No Median	CODE 0		
(34) SKEW 0° (35) STRUCTURE FLARED	0		
(10) INVENTORY ROUTE MIN VERT CLEAR	999.9 FT		
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	24 FT		
(53) MIN VERT CLEAR OVER BRIDGE RDWY	999.9 FT		
(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad	0 FT		
(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad	000 FT		
(56) MIN LAT UNDERCLEAR LT REF -	000 FT		
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		
CLASSIFICATION			
(112)NBIS BRIDGE SYSTEM -			YES
(104)HIGHWAY SYSTEM Is not on NHS			0
(26) FUNCTIONAL CLASS - Minor Collector			08
(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 - Temporary Structure/Conditions			T
(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
CONDITION			
(58) DECK			5
(59) SUPERSTRUCTURE			5
(60) SUBSTRUCTURE			4
(61) CHANNEL & CHANNEL PROTECTION			5
(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 - No Posting Required			5
(41) STRUCTURE OPEN, POSTED ,OR CLOSED			D
DESCRIPTION - Open Temporary Shoring			
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 2800 (115) YEAR FUTURE ADT 2025			
INSPECTIONS			
(90) INSPECTION DATE			07/16/2012
(92) CRITICAL FEATURE INSPECTION :			(93) CFI DATE
A) FRACTURE CRIT DETAIL - NO			A)
B) UNDERWATER INSP - YES 48Mo			B) 03/23/2011
C) OTHER SPECIAL INSP NO			C)
SCOUR			

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 07/27/2012

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :	
COLUMBUS	6	3	230126	40	FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
SR1005	GUM SWAMP

LOCATED :	BRIDGE NAME :	CITY :
0.3 MI.N.JCT.SR1315		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
08	NFA	NFA	1400 2010	LT 241 RT 241

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1954	BMU		B-5697	Unknown

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

NAVIGATION :	HT. CRN. TO BED :	WATER DEPTH :
VC 0 FT HC 0 FT	16 FT	11 FT

SUPERSTRUCTURE :	RC DECK/CONT I-BEAMS(BMD-6-3 6-5MOD.)
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SUBSTRUCTURE :	E.BTS&INT.BT:RC CAP/TIMBER PILES @ 7'3CTS.
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SPANS :	2@20'2CONT.
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BEAMS OR GIRDERS :	12 LINES S12X31.8CONT I-BEAMS @ 2'2.5CENTERS.
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FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
5 RC/NO AWS		25.3 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
24 FT	25.5 FT	LT .8 FT RT .8 FT

VERT.CL.OVER :
999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :	TTST	DATE
HS-1	HS-1	pile	SV		01/25/2007

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. 230126 COUNTY COLUMBUS ROUTE SR1005 OVER GUM SWAMP
 STRUCTURE TYPE RC DECK/CONT I-BEAMS(BMD-6-3 6-5MOD.)
 ROUTE ORIENTATION S - N SPANS 2@20'2CONT.

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	F
					b. ALIGNMENT	G
					c. SCOUR	F
					d. SLOPE PROT., RIP-RAP, DIKES, ETC.	
2. DECK NO. OF EA TYPE SPN GRADE RATES SI & A ITEM 58	a. CONCRETE	2	F	50. APPROACH ROADWAY CONDITION		
	b. TIMBER			51. APPROACH SLABS		
	c. STEEL PLANK			52. PAINT SYSTEM CODE A		
	d. OPEN GRID			53. UTILITIES		
3. RAILING	a. CONCRETE		G	54. RESPONSE TO LIVE LOAD		
	b. TIMBER			55. ESTIMATED REMAINING LIFE		
	c. ALUMINUM					
	d. STEEL					
4. CURBS, WHEELGUARDS, PARAPETS, MEDIANS			G			
5. WALKWAYS (ON OR ATTACHED TO STRUCTURE)				60. REGULATORY SIGN NOTICE ISSUED		
6. DECK EXP JTS. OR DEVICES. NO. OF EACH	a. STEEL PL OR FINGER			61. PROMPT-ACTION NOTICE ISSUED		
	b. MISC PREFAB			62. PRESENTLY POSTED		
	c. COMPRESSION SEAL			63. TOT. FIELD INSP TIME (INCLUDE WRITE UP)(MAN HR)		
	d. STANDARD JOINTS			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	5
10. LONGITUDINAL BEAMS OR GIRDERS			F	b. SUPERSTRUCTURE	ITEM 59	5
11. LONGITUDINAL JOIST OR STRINGERS				c. SUBSTRUCTURE	ITEM 60	5
12. INT. DIAP'S, X-FRAMES, BRACING & CONN'S				d. CHANNEL & CHANNEL PROT.	ITEM 61	5
13. END DIAP'S, CURTAIN WALLS, & CONN'S			F			
14. FLOOR BEAMS AND CONNECTIONS				71. SI&A FIELD APPRAISAL RATINGS		
15. BEARING ASSEMBLIES (INCLUDING MISALIGN)			F	a. WATERWAY ADAQUACY		7
16. DRAINAGE SYSTEM (ON STRUCTURE)			G	b. APPR. RDWY. ALIGNMENT		7
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		F	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		G	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				NOTE		
39. SLOPE PROT., RIP-RAP (INCLUDE DRAINAGE)			G			
40. FENDER SYSTEMS				80. INSPECTED BY:	RO Hootth	
41. DRIFT			F	81. REVIEWED BY:		

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		
2a	F	(RC DECK) THERE IS A HAIRLINE TO 1/16" TRANSVERSE CRACK IN SPAN 1 IN BOTH LANES. (PHOTO) THERE IS A HAIRLINE TO 1/16" TRANSVERSE CRACK IN SPAN 2 AT THE SOUTH BOUND LANE. (PHOTO) THERE IS A 4" DIAMETER SURFACE SPALL IN TOP OF SPAN 2 DECK AT THE CENTERLINE ABOVE THE BENT 1 LOCATION. (PHOTO) THERE IS EXPOSED AGGREGATE IN ALL SPANS THROUGHOUT. (PHOTOS) THERE IS HAIRLINE MAP CRACKING NOTED IN SPAN 2 AT THE NORTH BOUND LANE. (PHOTO) THERE IS A HAIRLINE TO 1/16" TRANSVERSE CRACK IN TOP OF SPAN 2 AT THE SOUTH BOUND LANE. (PHOTO) THE DECK UNDERSIDE HAS A HONEYCOMBED AREA IN BAY 8 AT SPAN 1. (PHOTO) OTHER BAYS ARE SIMILAR IN SPANS 1, AND 2. THERE IS A SURFACE SPALL WITH EXPOSED STEEL ON DECK UNDERSIDE IN BAY 11 AT SPAN 1. (PHOTO) THERE IS ALSO A SURFACE SPALL IN THE DECK UNDERSIDE WITH EXPOSED STEEL IN BAY 6 OVER BENT 1. (PHOTO)	
3a	G	(RC RAILS) THERE IS A RAIL CHIP NOTED AT THE SOUTHEAST CORNER END POST. (PHOTO) THERE IS A PREVIOUS REPLACED RAIL AND POST SECTION IN SPAN 1 AT THE RIGHT RAIL, AND IN SPAN 2 AT THE LEFT RAIL ALONG POSTS 1 AND 2.	
4	G	(CONC CURBS) THE LEFT CURB EXHIBITS EXPOSED AGGREGATE. THE RIGHT CURB HAS SCALING WITH EXPOSED AGGREGATE. (PHOTO) THE CURB IS SPALLED AT NORTHWEST CORNER. (PHOTO)	
10	F	(STEEL BEAMS) THERE IS UP TO 1/8" LOSS IN THE BEAM 12 WEB AT THE EXTERIOR SIDE NEAR EXTERIOR END DIAPHRAGM AT END BENT 2. (PHOTO) THE EXTERIOR BEAMS EXHIBITS PAINT PEELING WITH SURFACE RUST. (PHOTOS)	
10A	NO	(CURVED GIRDERS) NO CURVED GIRDERS.	
13	F	(CURTAIN WALLS) THE NORTHWEST AND SOUTHEAST EXTERIOR CURTAIN WALLS EXHIBITS SURFACE SPALLING. (PHOTOS)	
15	F	(BEARING ASSEMBLIES) THE BEARING PLATES ARE RUSTED AND CORRODED AT SEVERAL LOCATIONS. (PHOTOS)	

Bridge I&A Form 1(82)H State of North Carolina Dept. of Transportation Division of Highways		FIELD INSPECTION REPORT <u>Bridge Inspeccion & Analysis</u>	
Team Leader R.D. HEATH			
Assisted By R.L. KISNER			
Item No.	Grade		
52	F	(PAINT SYSTEM) THE PAINT IS PEELING AT SEVERAL INTERIOR LOCATIONS. (PHOTOS)	
35b	F	THE EXTEROIR BEAMS HAVE AREAS OF STEEL AND PRIMER EXPOSED. (PHOTOS) (TIMBER PILES) PILE 1 AT END BENT 1 SURFACE DECAYED. (PHOTO) PILE 2 AT END BENT 1 DECAYED 8" HIGH X 10" WIDE X 2" DEEP. (PHOTO) PILE 3 AT END BENT 1 DECAYED 9" HIGH X 3" WIDE X 2" DEEP. (PHOTO) PILE 4 AT END BENT 1 DECAYED 7" WIDE X 14" HIGH X 2 1/2" DEEP. (PHOTO) PILE 4 AT BENT 1 DECAYED 9" HIGH X 3" WIDE X 1" DEEP. (PHOTO) PILE 3 AT BENT 1 DECAYED 9" HIGH X 3 1/2" WIDE X 2" DEEP. (PHOTO) PILE 2 AT BENT 1 SURFACE DECAYED, SPAN 1 FACE. (PHOTO) PILE 1 AT BENT 1 DECAYED 3" DIAMETER X 1" DEEP. (PHOTO) PILE 4 AT BENT 1 SPAN 2 FACE DECAYED 5" HIGH X 3" WIDE X 1" DEEP. (PHOTO)	
35c	F	SEE DIVERS UNDERWATER INSPECTION REPORT DATED 3/23/2011. (TIMBER BULKHEADS AND WINGWALLS) THERE ARE SEVERAL BOARDS THAT HAD BEEN REPLACED WITHIN LAST COUPLE OF INSPECTIONS. THERE ARE DECAYED WINGWALL BOARDS AT NORTHWEST CORNER. (PHOTO)	
39	G	SEE DIVERS UNDERWATER INSPECTION REPORT DATED 3/23/2011. (SLOPE PROTECTION) WHEN DOING SOUNDINGS FEELS LIKE RIP RAP UNDER THE WATER SURFACE AT BASE OF BOTH BULKHEADS.	
41	F	(DRIFT) SEE UNDERWATER INSPECTION DATED 3/23/2011.	
45a	F	(WATERWAYS) THE STREAM FLOWS TOWARD THE EAST. SEE DIVERS UNDERWATER INSPECTION REPORT DATED 3/23/2011.	
45c	F	(SCOUR) SEE DIVERS UNDERWATER INSPECTION REPORT DATED 3/23/2011. SEE SCOUR REPORT DATED 8/12/2011.	
50	G	(APPROACH ROADWAY) BOTH APPROACHES HAVE BEEN RESURFACED. (PHOTOS)	

Bridge I&A Form 1(82)H State of North Carolina Dept. of Transportation Division of Highways		FIELD INSPECTION REPORT <u>Bridge Inspeccion & Analysis</u>	
Team Leader R.D. HEATH			
Assisted By R.L. KISNER			
Item No.	Grade		
53	G	(UTILITIES) THERE IS A UTILITY ALONG SHOULDER AT NORTHWEST CORNER. (PHOTO) THE OWNERSHIP = CENTURYLINK. THERE IS A UTILITY ALONG THE WEST SIDE OF BRIDGE. (PHOTO) THERE IS A UTILITY ATTACHED TO THE WEST RAIL WITH SMALL WIRE. (PHOTO)	

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 230126

County COLUMBUS

Date: 07/16/2012

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3326	Maintain Concrete Deck	SF	1	DECK UNDERSIDE SPALLED WITH EXPOSED STEEL OVER BENT 1 IN BAY 6	
3342	Clean and Paint Structural Steel	SF	1000	SPAN 1 UNDERSIDE WITH PAINT PEELING AND SURFACE RUST, SIMILAR IN SPAN 2	
3344	Repair / Replace Timber Substructure Components	LF	3	PILE 3 AT END BENT 1 DECAYED 9" HIGH X 3" WIDE X 2" DEEP	
3344	Repair / Replace Timber Substructure Components	LF	4	PILE 4 AT END BENT 1 DECAYED 7" WIDE X 14" HIGH X 2 1/2" DEEP	
3344	Repair / Replace Timber Substructure Components	LF	5	PILE 2 AT END BENT 1 DECAYED 8" HIGH X 10" WIDE X 2" DEEP	
3346	Repair / Maintain Timber Wings & Blkhds	SF	5	DECAYED WINGWALL BOARDS AT NORTHWEST CORNER	
3348	Maintain Concrete Substructure Components	LF	1	EXTERIOR CURTAIN WALL SURFACE SPALLED AT NORTHWEST CORNER	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined



SOUTH APPROACH ASPHALT WEARING SURFACE RESURFACED , NORTH APPROACH ASPHALT WEARING SURFACE SIMILAR



HAIRLINE TO 1/16" TRANSVERSE CRACK IN SPAN 1 DECK



HAIRLINE TO 1/16" TRANSVERSE CRACK IN SPAN 2 SOUTH BOUND LANE



4" DIAMETER SURFACE SPALL IN SPAN 2 DECK NEAR CENTERLINE



EXPOSED AGGREGATE IN ALL SPANS



HAIRLINE MAP CRACKING IN SPAN 2 NORTH BOUND LANE



RAIL CHIP AT SOUTHEAST CORNER END POST



RIGHT CURB SCALING WITH EXPOSED AGGREGATE



CURB SPALLED AT NORTHWEST CORNER



UTILITY ALONG SHOULDER AT NORTHWEST CORNER (OWNER CENTURYLINK)



UTILITY ALONG WEST SIDE OF BRIDGE (OWNER CENTURYLINK)



UTILITY ATTACHED TO WEST RAIL WITH SMALL WIRE (OWNER CENTURYLINK)



BEAM 1 EXTERIOR AT SPAN 1 WITH PAINT PEELING AND SURFACE RUST



BEAM 1 BEARING AT BENT 1 WITH SURFACE RUST



PILE 1 AT END BENT 1 SURFACE DECAYED



PILE 2 AT END BENT 1 DECAYED 8" HIGH X 10" WIDE X 2" DEEP



PILE 3 AT END BENT 1 DECAYED 9" HIGH X 3" WIDE X 2" DEEP



PILE 4 AT END BENT 1 DECAYED 7" WIDE X 14" HIGH X 2 1/2" DEEP



PILE 4 AT BENT 1 DECAYED 9" HIGH X 3" WIDE X 1" DEEP



PILE 3 AT BENT 1 DECAYED 9" HIGH X 3 1/2" WIDE X 2" DEEP



PILE 2 AT BENT 1 SURFACE DECAYED, SPAN 1 FACE



PILE 1 AT BENT 1 DECAYED 3" DIAMETER X 1" DEEP



SPAN 1 UNDERSIDE WITH PAINT PEELING AND SURFACE RUST, SIMILAR IN SPAN 2



PILE 4 AT BENT 1 SPAN 2 FACE DECAYED 5" HIGH X 3" WIDE X 1" DEEP



BEAM 10 BEARING AT BENT 1, SPAN 2 WITH SURFACE RUST



SPAN 2 UNDERSIDE WITH PAINT PEELING AND SURFACE RUST



UP TO 1/8" SECTION LOSS IN WEB AT END DIAPHRAGM ON BEAM 12 AT END BENT 2



BEAM 12 EXTERIOR WITH PAINT PEELING AND RUST



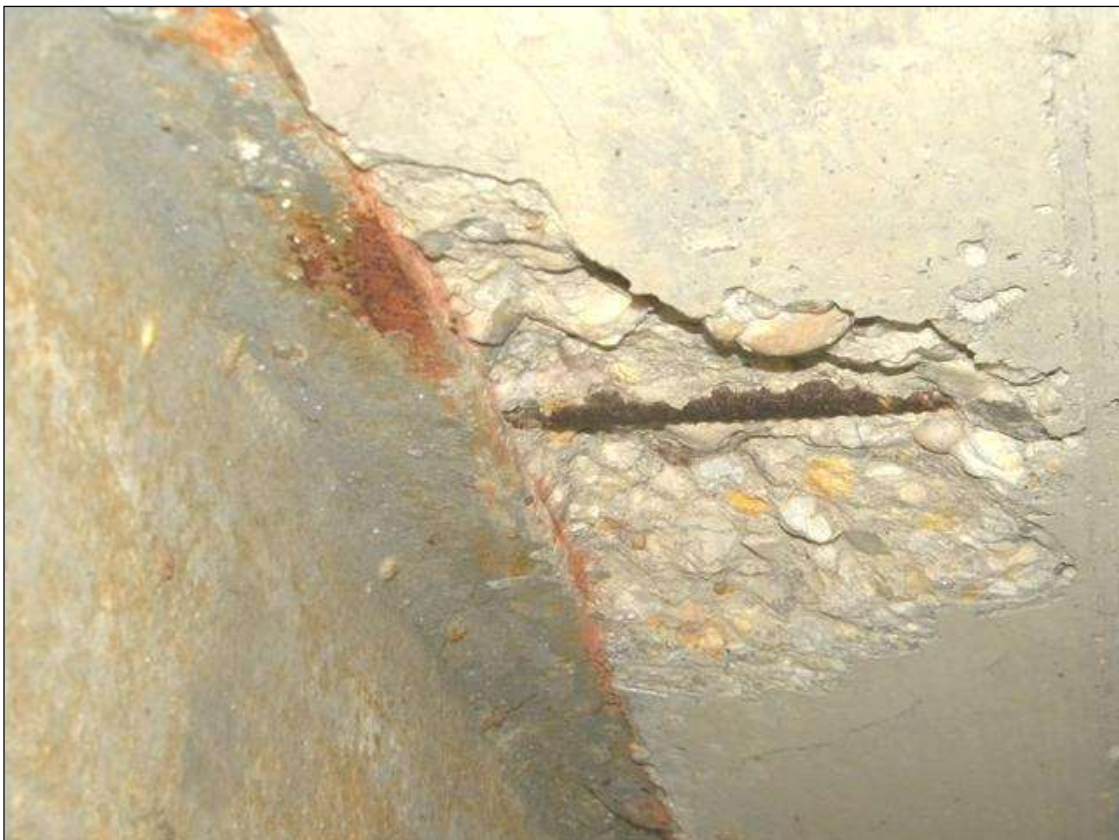
EXTERIOR CURTAIN WALL SURFACE SPALLED AT NORTHWEST CORNER



DECAYED WINGWALL BOARDS AT NORTHWEST CORNER



SURFACE SPALL WITH EXPOSED STEEL AT SPAN 1 UNDERSIDE IN BAY 11



DECK UNDERSIDE SPALLED WITH EXPOSED STEEL OVER BENT 1 IN BAY 6



DECK UNDERSIDE HONEYCOMB IN BAY 8 , SPAN 1 (SIMILAR IN OTHER BAYS)



SOUTHEAST CORNER EXTERIOR CURTAIN WALL SURFACE SPALLED

Structure Data Worksheet

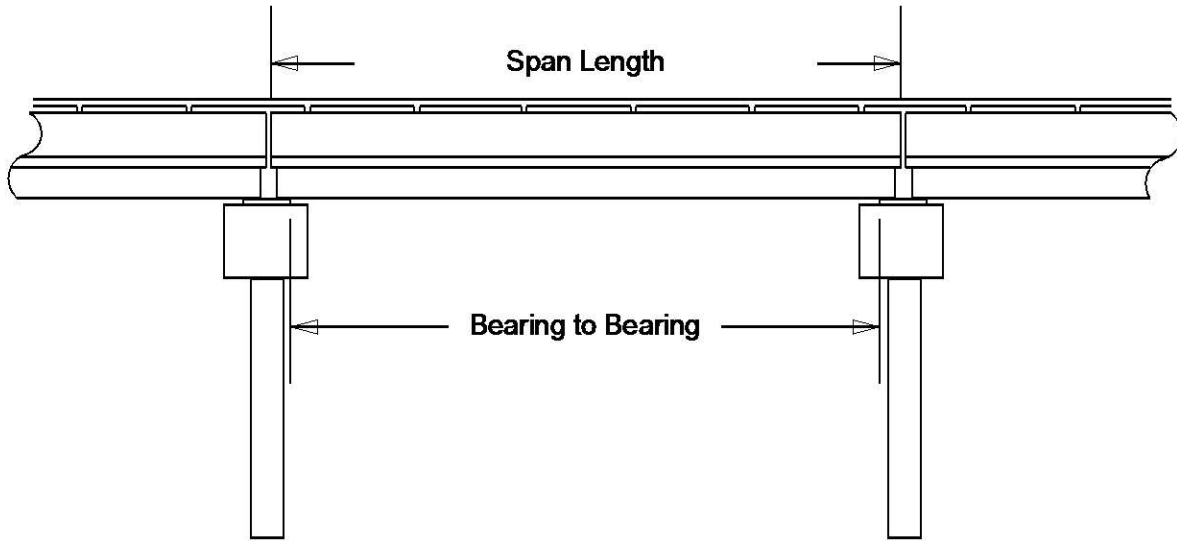
Spans

County: **COLUMBUS**

Structure No: **230126**

Date: **07/16/2012**

Inspected By: **RDH**



Span No	Span Length	Bearing to Bearing	Comments
1	20.167 FT.	19.167 FT.	NBIS 37.167 FT.
2	20.167 FT.	19.167 FT.	

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 230126 County: COLUMBUS Date: 07/16/2012 By: RDH

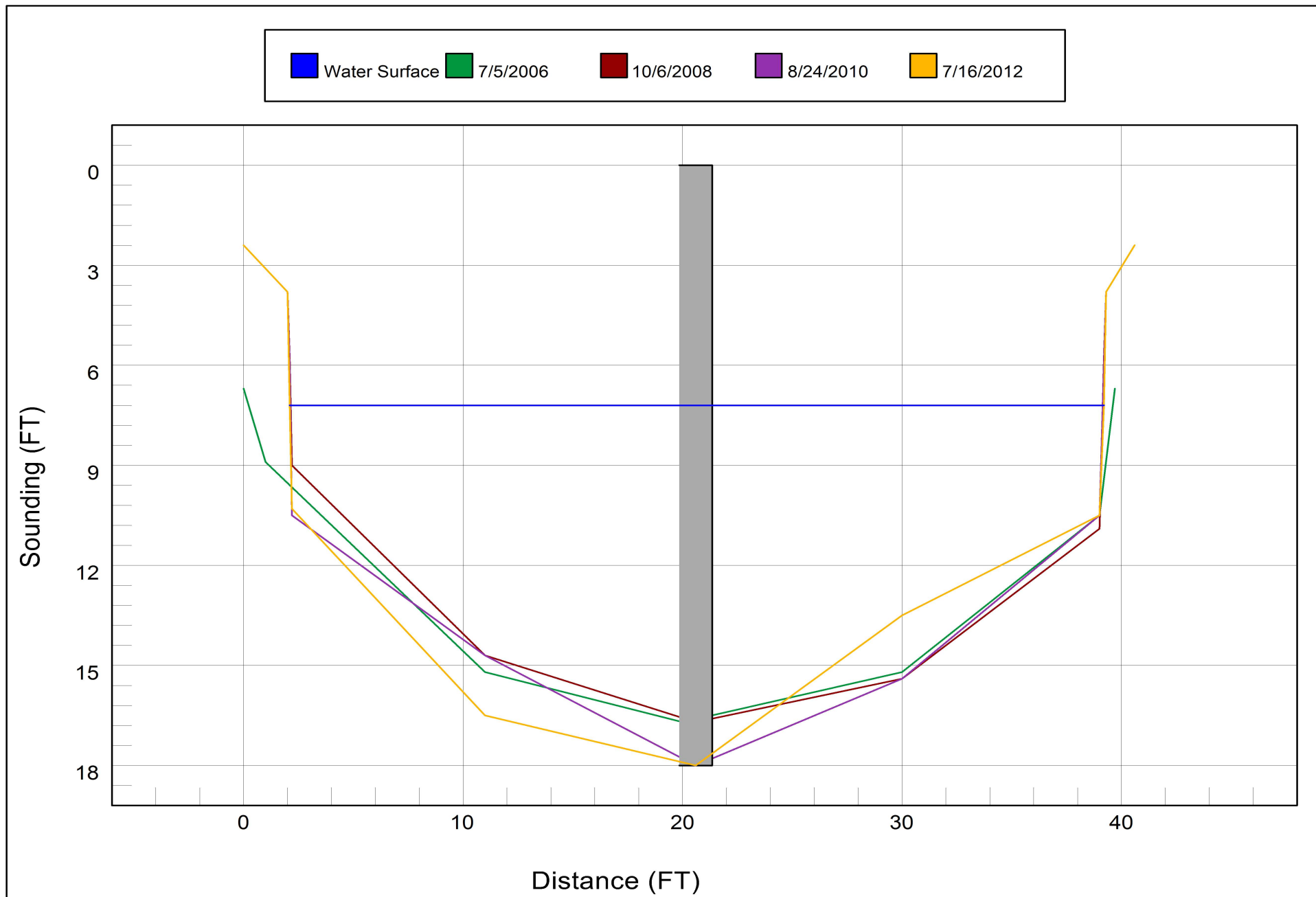
Record sounding from top of rail. Other location if needed: TOP OF RAIL

Distance from Highwater Mark to top of rail: 2.8 Location of Highwater Mark: TOP OF BEAMS

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
0	2.4	TOP OF BULKHEAD			
2	3.8	Top of Cap			
2.1	7.2	WSWE (EAST)			
2.2	10.3	BED AT CAP	2.2	9.8	BED AT CAP
11	16.5				
20.6	18	BENT 1	20.6	16.8	BENT 1
30	13.5				
39	10.5	BED AT CAP	39	11	BED AT CAP
39.2	7.2	WSWE			
39.3	3.8	Top of Cap			
40.6	2.4	TOP OF BULKHEAD			

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch



SR-1005 (PEACOCK ROAD)

Roadway	18' 4" WIDE	2 Paved Lanes	Looking North
Left Shoulder	2ft Wide PAVED		4ft Unpaved
Right Shoulder	2' 6" Wide PAVED		4ft Unpaved
Left Guardrail			
Right Guardrail			

(REMEASURED IN '08)

MEASUREMENTS VERIFIED BY RLK 7/16/12

MEASUREMENTS VERIFIED BY RLK 8/24/10

Title

APPROACH ROADWAY

Description

LOOKING NORTH

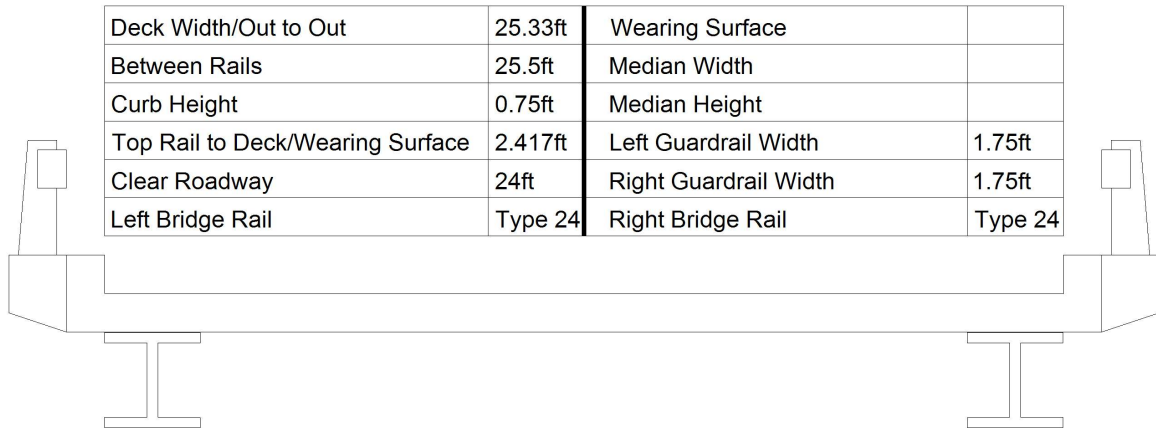
Bridge No: 230126

Drawn By: SLK

Date: 06/09/2006

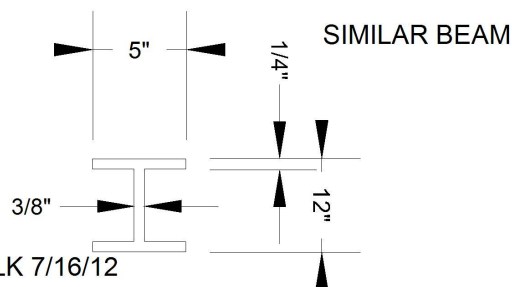
File Name: S0326000068

Bridge Inspection Field Sketch



Measurements for Span #	1	SPAN 2 SIMILAR	
Deck Thickness	0.417	Left Overhang	0.521
Top of Rail to Bottom of Beam	3.833	Right Overhang	0.521

Beam No	Beam Type	Spacing	Comments
1	Steel I Beam		
2	Steel I Beam	2.21 ft.	
3	Steel I Beam	2.21 ft.	
4	Steel I Beam	2.21 ft.	
5	Steel I Beam	2.21 ft.	
6	Steel I Beam	2.21 ft.	
7	Steel I Beam	2.21 ft.	
8	Steel I Beam	2.21 ft.	
9	Steel I Beam	2.21 ft.	
10	Steel I Beam	2.21 ft.	
11	Steel I Beam	2.21 ft.	
12	Steel I Beam	2.21 ft.	



MEASUREMENTS VERIFIED BY RLK 7/16/12

MEASUREMENTS VERIFIED BY RLK 8/24/10

Title

SUPERSTRUCTURE

Description

SIMILAR SECTION

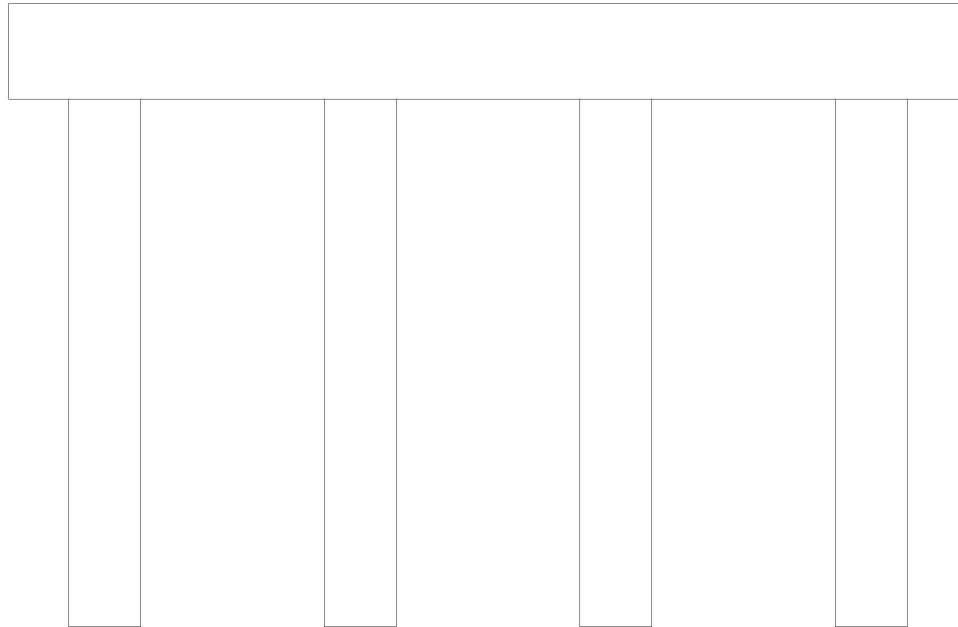
Bridge No: 230126

Drawn By: SLK

Date: 06/09/2006

File Name: S0326000069

Bridge Inspection Field Sketch



Bent #	1		
Cap - Cast In Place			
Cap Size	26.75ft Long	2ft Wide	2ft High
Left Overhang	2.5ft	Lt Cap/Beam Overhang	1.33ft
Right Overhang	2.5ft	Rt Cap/Beam Overhang	1.33ft

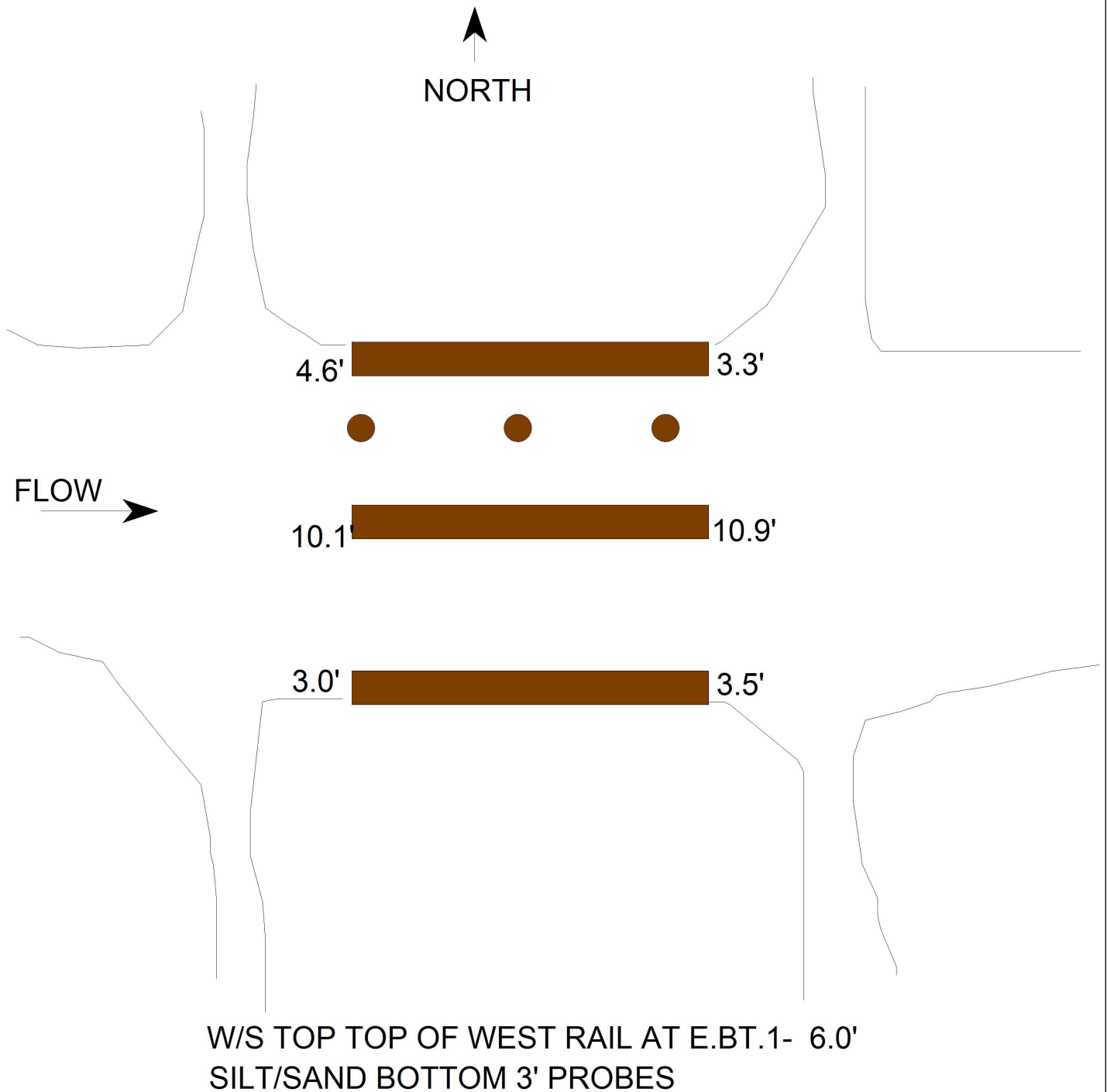
Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Pile Bent	7.25		12 IN.		Vertical
2	Wood or Timber	Pile Bent	7.25		12 IN.		Vertical
3	Wood or Timber	Pile Bent	7.25		12 IN.		Vertical
4	Wood or Timber	Pile Bent			12 IN.		Vertical

NOTE: THERE IS NO CROSSBRACING AT BENT 1

MEASUREMENTS VERIFIED BY RLK 7/16/12
MEASUREMENTS VERIFIED BY RLK 8/24/10

Title		Description	
SUBSTRUCTURE		SIMILAR END / INTERIOR BENT	
Bridge No:	230126	Drawn By:	SLK
Date:	06/09/2006	File Name:	S0326000070

Bridge Inspection Field Sketch



Title

PLAN VIEW

Description

TOP VIEW

Bridge No: 230126

Drawn By: PGR

Date: 04/09/2007

File Name: S0178000381



LOOKING NORTH (PEACOCK ROAD)



LOOKING SOUTH, OFF BRIDGE



LOOKING NORTH, OFF BRIDGE



UPSTREAM WEST



DOWNSTREAM EAST



LOOKING SOUTH



EAST SIDE



END BENT 1



BENT 1



WEST END OF BENT 1 CAP



END BENT 2



WEST SIDE



UPSTREAM WEST, THRU SPAN 2



DOWNSTREAM EAST, THRU SPAN 2



SPAN 2 UNDERSIDE, SPAN 1 IS SIMILAR