



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION

PRIORITY MAINTENANCE

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection - Contract

COUNTY WILKES BRIDGE NUMBER 960143 INSPECTION CYCLE 0 YRS

ROUTE SR1737 ACROSS CREEK M.P. 0

0.2 MILE NORTHWEST OF JUNCTION WITH SR1741

LOCATION .2 MI.NW.JCT.SR1741

SUPERSTRUCTURE PRESTRESSED CONCRETE CHANNELS

SUBSTRUCTURE E.BTS&INT.BTS:PPC CAPS/TIM.POST&CONC.SILLS @ 5'-9 CENTERS

1 @ 25'-6";1 @ 25'-0";1 @ 25'-3"

SPANS 1 @ 25'-4;1 @ 25';1 @ 25'-4

LONGITUDE 81° 3' 26.93" 81° 3' 26.80" LATITUDE 36° 21' 54.51" 36° 21' 54.60"

INSPECTION DATE 01/03/2013 PRESENT CONDITION FAIR

PRESENT POSTING SV 31 TTST 35 PROPOSED POSTING

OTHER SIGNS PRESENT (4) DELINEATORS



LOOKING EAST

SIGN NOTICE
ISSUED FOR

No

WEIGHT LIMIT

No

DELINEATORS

No

NARROW BRIDGE

No

ONE LANE BRIDGE

No

LOW CLEARANCE

NUMBERED
REQUIRED

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

BRIDGE: **960143**COUNTY: **WILKES****4/8/2009**

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	<i>T</i>	<i>TSE</i>
S I & A ITEM 59 - SUPERSTRUCTURE		
S I & A ITEM 60 - SUBSTRUCTURE	<i>4</i>	<i>TSE 6/9/09</i>
S I & A ITEM 64 OPERATING RATING		
HS 1	BY: FK	
S I & A ITEM 66 - INVENTORY RATING		
HS 1	BY: FK	

COMMENTS

TEMPORARY REPAIR AT BOTH ABUTMENTS. CONCRETE COLLARS TO SOME
OF THE PILES.

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

Run Date: 02/27/2013

IDENTIFICATION					
(1) STATE NAME -NORTH CAROLINA	BRIDGE	960143		SUFFICIENCY RATING =	19.47
(8) STRUCTURE NUMBER(FEDERAL)		000000001930143		STATUS =	Structurally Deficient
(5) INVENTORY ROUTE (ON/UNDER) - ON		31017370			
(2) STATE HIGHWAY DEPARTMENT DISTRICT		3			
(3) COUNTY CODE	193	(4) PLACE CODE	0	CLASSIFICATION	
(6) FEATURE INTERSECTED - CREEK				(112)NBIS BRIDGE SYSTEM -	YES
(7) FACILITY CARRIED SR1737				(104)HIGHWAY SYSTEM	Is not on NHS 0
(9) LOCATION .2 MI.NW.JCT.SR1741				(26) FUNCTIONAL CLASS -	Local 09
(11)MILEPOINT		0		(100)STRAHNET HIGHWAY -	Not a STRAHNET Route 0
(16)LAT 36° 21' 54.51"	(17)LONG	81° 3' 26.93"		(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 -	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
STRUCTURE TYPE AND MATERIAL					
(43) STRUCTURE TYPE MAIN: Prestressed Concrete					
TYPE - Channel Beam		CODE	522		
(44) STRUCTURE TYPE APPR :					
TYPE -		CODE	000	CONDITION	
(45) NUMBER OF SPANS IN MAIN UNIT			3	(58) DECK	7
(46) NUMBER OF APPROACH SPANS				(59) SUPERSTRUCTURE	5
(107)DECK STRUCTURE TYPE - 1		CODE		(60) SUBSTRUCTURE	4
(108)WEARING SURFACE / PROTECTIVE SYSTEM :				(61) CHANNEL & CHANNEL PROTECTION	5
(A) TYPE OF WEARING SURFACE -		CODE		(62) CULVERTS	N
(B) TYPE OF MEMBRANE -		CODE			
(C) TYPE OF DECK PROTECTION -		CODE		LOAD RATING AND POSTING	
				(31) DESIGN LOAD	H 10 1
				(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
AGE AND SERVICE					
(27) YEAR BUILT			1967		
(106)YEAR RECONSTRUCTED					
(42) TYPE OF SERVICE : ON - Highway					
UNDER - Waterway		CODE	15		
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE			0		
(29) AVERAGE DAILY TRAFFIC			800		
(30) YEAR OF ADT 2010	(109) TRUCK ADT PCT		6%		
(19) BYPASS OR DETOUR LENGTH			8 MI		
GEOMETRIC DATA					
(48) LENGTH OF MAXIMUM SPAN			25 FT		
(49) STRUCTURE LENGTH			76 FT		
(50)CURB OR SIDEWALK: LEFT .4 FT RIGHT .4 FT					
(51) BRIDGE ROADWAY WIDTH CURB TO CURB			24 FT		
(52) DECK WIDTH OUT TO OUT			25.33 FT		
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)			19 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		
				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 1600	(115) YEAR FUTURE ADT 2025
				INSPECTIONS	
				(90) INSPECTION DATE	01/03/2013
				(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	

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 02/27/2013

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :	
WILKES	11	3	960143	76	FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
SR1737	CREEK

LOCATED :	BRIDGE NAME :	CITY :
.2 MI.NW.JCT.SR1741		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
09	NFA	NFA	800 2010	LT 233 RT 233

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1967	BMU			H 10

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		10 FT		1		FT

SUPERSTRUCTURE :	PRESTRESSED CONCRETE CHANNELS
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SUBSTRUCTURE :	E.BTS&INT.BTS:PPC CAPS/TIM.POST&CONC.SILLS @ 5'-9 CENTERS
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SPANS :	1 @ 25'-4;1 @ 25';1 @ 25'-4
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BEAMS OR GIRDERS :	10 PRESTRESSED CONCRETE CHANNEL SECTIONS
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FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
PPC.CH/3 AWS		25.33 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
24 FT	24.833 FT	LT .4 FT RT .4 FT

VERT.CL.OVER :
999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :				
HS-1	HS-1	PileBearing	SV 31	TTST 35	DATE	09/26/2008	

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

UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTION RECORD AND SUMMARY

INSPECTION TYPE Routine Inspection - Contract

BRIDGE NO. 960143

COUNTY WILKES

ROUTE SR1737

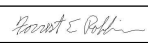
OVER CREEK

STRUCTURE TYPE PRESTRESSED CONCRETE CHANNELS

ROUTE ORIENTATION W - E

SPANS 1 @ 25'-4;1 @ 25';1 @ 25'-4

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			G	45. CHANNEL & CHANNEL PROT.	a. WATERWAY	G	
					b. ALIGNMENT	F	
					c. SCOUR	G	
					d. SLOPE PROT., RIP-RAP, DIKES, ETC.	G	
2. DECK NO. OF EA TYPE SPN GRADE RATES SI & A ITEM 58	a. CONCRETE	3	F	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			54. RESPONSE TO LIVE LOAD			G
	b. TIMBER			55. ESTIMATED REMAINING LIFE			8
	c. ALUMINUM						
	d. STEEL		F				
4. CURBS, WHEELGUARDS, PARAPETS, MEDIANS			F				
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			YES
	b. MISC PREFAB			62. PRESENTLY POSTED			YES
	c. COMPRESSION SEAL			63. TOT. FIELD INSP TIME (INCLUDE WRITE UP)(MAN HR)			8
	d. STANDARD JOINTS			64. TOTAL SNOOPER INSP. TIME (HRS)			0
	e. OPEN JOINTS			65. TOTAL TRAFFIC CONTROL TIME (MAN HRS)			0
7. DECK DEBRIS (INCLUDES EXCESS SAND/GRAVEL)			F				
				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			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							
14. FLOOR BEAMS AND CONNECTIONS				71. SI&A FIELD APPRAISAL RATINGS			
15. BEARING ASSEMBLIES (INCLUDING MISALIGN)				a. WATERWAY ADAQUACY		7	
16. DRAINAGE SYSTEM (ON STRUCTURE)			F	b. APPR. RDWY. ALIGNMENT		8	
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			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			NO
	b. ABUT. & BENT COL'S BREASTWALLS			BOAT			NO
	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)							
40. FENDER SYSTEMS				80. INSPECTED BY:			
41. DRIFT			G	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 Forrest E. Robbins			
Assisted By BMM			
Item No.	Grade		
1	G	FULL WIDTH TRANSVERSE CRACKS UP TO 1/4" IN ASPHALT WEARING SURFACE OVER ALL BENTS AND END BENTS.	
2a	F	SEE ITEM 10.	
3d	F	RANDOM PAINT PEELING AND FLAKING THROUGHOUT BOTH BRIDGE RAILS UP TO 50%. BRIDGE RAIL ENDS HAVE IMPACT DAMAGE AT ALL FOUR CORNERS.	
4	F	BOTH CURBS HAVE RANDOM TRANSVERSE HAIRLINE CRACKS, SOME WITH EFFLORESCENCE. CONCRETE EPOXY REPAIRS IN NORTH CURB ARE DELAMINATED / SPALLING IN SPAN 2. BOTH CURBS ARE WEATHERED WITH EXPOSED AGGREGATE.	
7	F	VEGETATION AND DEBRIS ALONG BOTH CURBS.	
10	F	9' X 3" X 3" SPALL/DELAMINATION WITH EXPOSED REINFORCING ON NORTH LEG OF CHANNEL 2, 8' FROM BENT 1, SPAN 1. (PRIORITY MAINTENANCE) 2' X 4" DELAMINATION IN BOTTOM OF NORTH LEG OF CHANNEL 2, 5' FROM END BENT 1, SPAN 1. 5' X 3" X 3" DELAMINATION IN BOTTOM OF NORTH LEG OF CHANNEL 10, 6' FROM BENT 1, SPAN 2. RANDOM CHIPPING AT CHANNEL ENDS AT BEARING PLATES THROUGHOUT ALL SPANS. 9' X 4" X 3" SPALL / DELAMINATION WITH EXPOSED REINFORCING ON NORTH LEG, CHANNEL 10 AT BENT 1, SPAN 2. (WITH PREVIOUS REPAIR) (PRIORITY MAINTENANCE)	
10A	NO	NO CURVED GIRDERS.	
16	F	DECK DRAINS ARE PARTIALLY PLUGGED WITH DEBRIS UP TO 30% ALONG BOTH CURBS.	
35b	F	4' X 4" AREA OF DECAY IN BENT 1 CROSS BRACE BETWEEN PILES 3 & 4.	
35c	F	8" X 8" AREA OF DECAY IN END BENT 2 BULKHEAD BEHIND PILE 3. 5' X 16" AREA OF RANDOM DECAY IN BOTTOM OF END BENT 2 BULKHEAD BEHIND PILE 5. TOP 3 BOARDS ARE DECAYED IN TOP OF END BENT 2 BULKHEAD OUTSIDE CHANNEL 10.	

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 Forrest E. Robbins			
Assisted By BMM			
Item No.	Grade		
45b	F	FLOW COMES IN ALONG NORTHEAST BANK ALONG END BENT 2 AND THROUGH SPAN 3.	
50	F	6' X FULL WIDTH ASPHALT PATCH AT END BENT 1 WEST APPROACH. (EAST APPROACH SIMILAR)	
62	YES	SV 31, TTST 35.	

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 960143

County WILKES

Date: 01/03/2013

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3306	Maintain Concrete Superstructure Components	SF	8 TSC 5/22/13	9' X 3" X 3" DELAMINATION WITH EXPOSED ON NORTH LEG OF CHANNEL 2, 8' FROM BENT 1, SPAN 1.	
 3306	Maintain Concrete Superstructure Components	SF	10 TSC	9' X 4" X 3" SPALL / DELAMINATION WITH EXPOSED ON NORTH LEG, CHANNEL 10 AT BENT 1, SPAN 2. (WITH PREVIOUS REPAIR)	
3306	Maintain Concrete Superstructure Components	SF	20	REPAIR SPALLS AND DELAMINATIONS TO CHANNELS.	
3346	Repair / Maintain Timber Wings & Blkhds	SF	20	REPAIR DECAY IN END BENT BULKHEADS.	
3376	Clean/Wash Bridge Decks	SF	300	REMOVE VEGETATION AND DEBRIS ALONG BOTH CURBS.	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 960143

County WILKES

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	9 SF
Location:		
Beams and Girders	Bent/Span No. 1	CHANNEL 1
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
01/08/2013	FORREST ROBBINS	BRANDON MOSIMAN
Details		
9' X 3" X 3" DELAMINATION WITH EXPOSED ON NORTH LEG OF CHANNEL 2, 8' FROM BENT 1, SPAN 1.		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	10 SF
Location:		
Beams and Girders	Bent/Span No. 2	CONCRETE GIRDERS
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
01/08/2013	FORREST ROBBINS	BRANDON MOSIMAN
Details		
9' X 4" X 3" SPALL / DELAMINATION WITH EXPOSED ON NORTH LEG, CHANNEL 10 AT BENT 1, SPAN 2. (WITH PREVIOUS REPAIR)		



9' X 3" X 3" SPALL / DELAMINATION WITH EXPOSED REINFORCING ON NORTH LEG, CHANNEL 2, 8' FROM BENT 1, SPAN 1. (PRIORITY MAINTENANCE)



9' X 4" X 3" SPALL / DELAMINATION WITH EXPOSED REINFORCING ON NORTH LEG, CHANNEL 10 AT BENT 1, SPAN 2. (WITH PREVIOUS REPAIR) (PRIORITY MAINTENANCE)



9' X 4" X 3" SPALL / DELAMINATION WITH EXPOSED REINFORCING ON NORTH LEG, CHANNEL 10 AT BENT 1, SPAN 2. (WITH PREVIOUS REPAIR) (PRIORITY MAINTENANCE)



VEGETATION AND DEBRIS ALONG BOTH CURBS.



RANDOM PAINT PEELING AND FLAKING THROUGHOUT BOTH BRIDGE RAILS UP TO 50%.



CONCRETE EPOXY REPAIRS IN NORTH CURB ARE DELAMINATED / SPALLING IN SPAN 2.



2' X 4" DELAMINATION IN BOTTOM OF NORTH LEG OF CHANNEL 2, 5' FROM END BENT 1, SPAN 1.



5' X 3" X 3" DELAMINATION IN BOTTOM OF NORTH LEG OF CHANNEL 10, 6' FROM BENT 1, SPAN 2.



4' X 4" AREA OF DECAY IN BENT 1 CROSS BRACE BETWEEN PILES 3 & 4.



8" X 8" AREA OF DECAY IN END BENT 2 BULKHEAD BEHIND PILE 3.



5' X 16" AREA OF RANDOM DECAY IN BOTTOM OF END BENT 2 BULKHEAD BEHIND PILE 5.

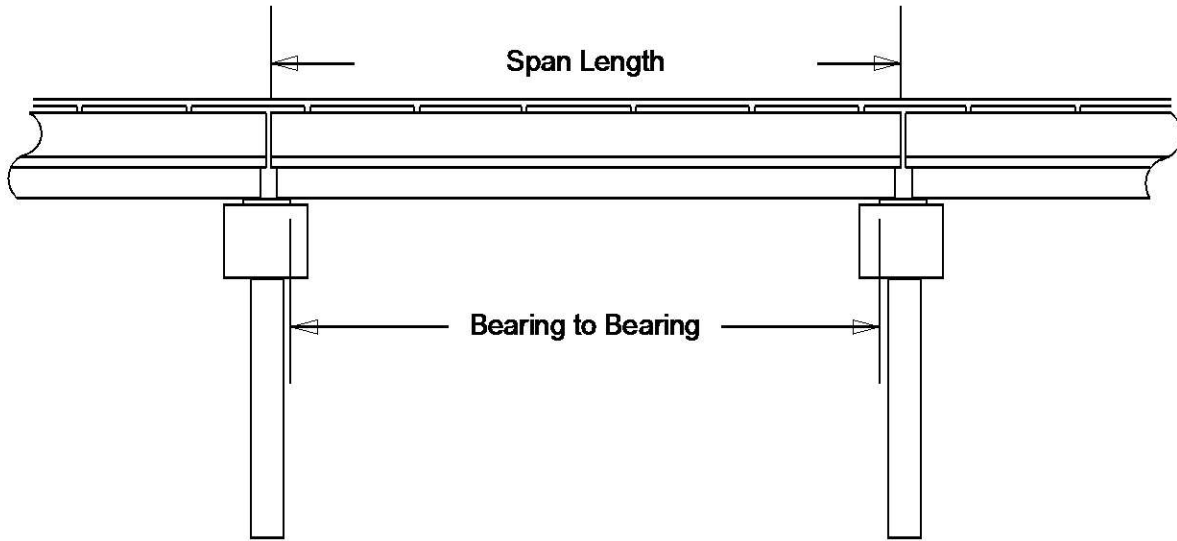


TOP 3 BOARDS ARE DECAYED IN TOP OF END BENT 2 BULKHEAD OUTSIDE CHANNEL 10.

Structure Data Worksheet

Spans

County: WILKES Structure No: 960143 Date: 01/03/2013 Inspected By: FER



Span No	Span Length	Bearing to Bearing	Comments
1	25.50'	24.5'	NBIS LENGTH = 73'-1"
2	25.00'	24.33'	
3	25.33'	24.25'	

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 960143 County: WILKES Date: 01/03/2013 By: FER

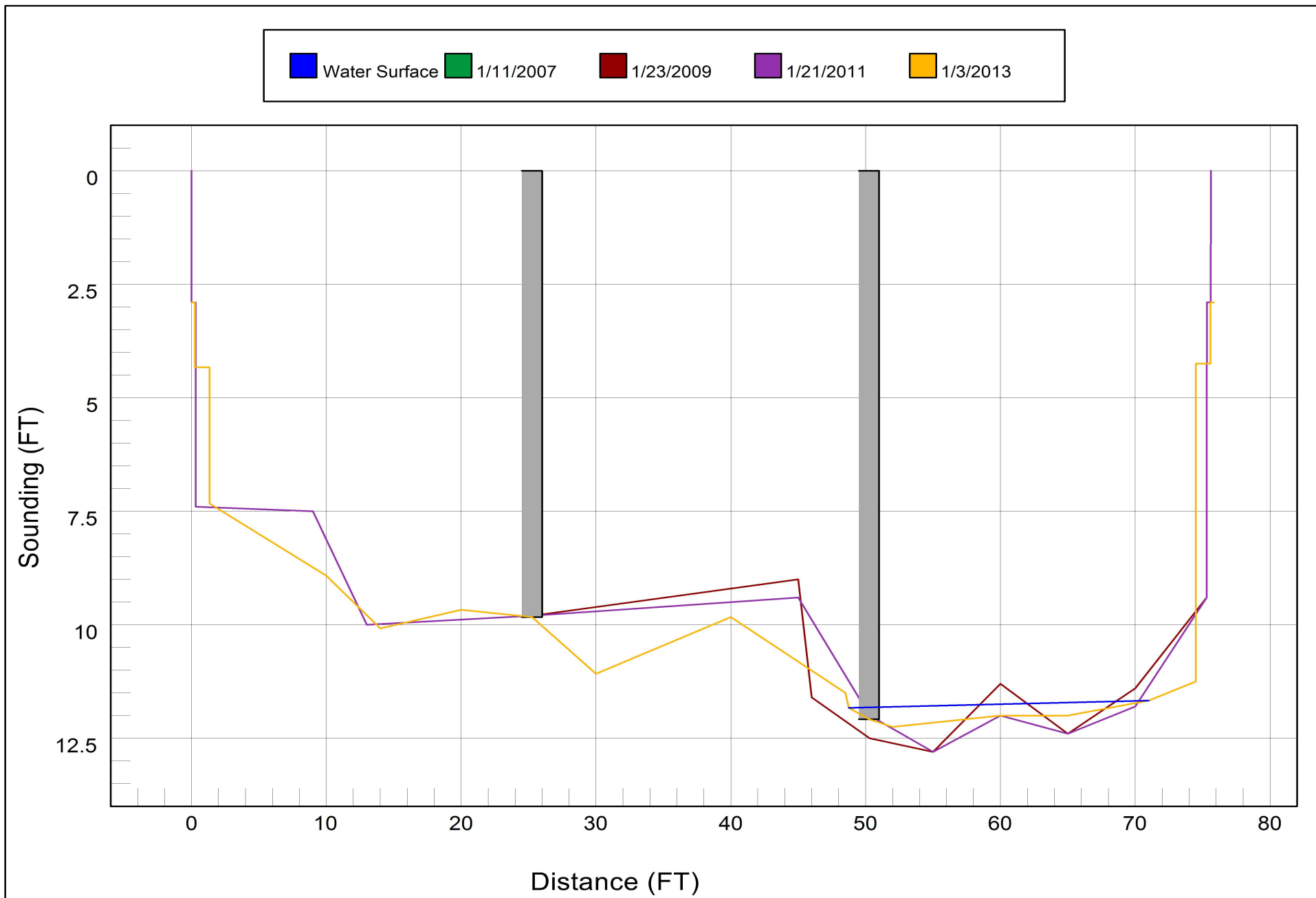
Record sounding from top of rail. Other location if needed: TOP OF RAIL

Distance from Highwater Mark to top of rail: 9.5 Location of Highwater Mark: DEBRIS ON BANK

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
0	2.9	FILL FACE			
0.25	2.9				
0.26	4.33	Top of Cap			
1.33	4.33				
1.34	7.33		1.34	6.75	
10	8.92				
14	10.08				
20	9.67				
25.25	9.83	BENT 1	25.25	10	BENT 1
30	11.08				
40	9.83				
48.5	11.5				
48.75	11.83	Water Surface/Water Edge (WSWE)			
50.25	12.08	BENT 2	50.25	9.67	BENT 2
52	12.25				
60	12				
65	12				
71	11.67	Water Surface/Water Edge (WSWE)			
74.49	11.25		74.49	9.5	
74.5	4.25	Top of Cap			
75.57	4.25				
75.58	2.9				
75.83	2.9	FILL FACE			

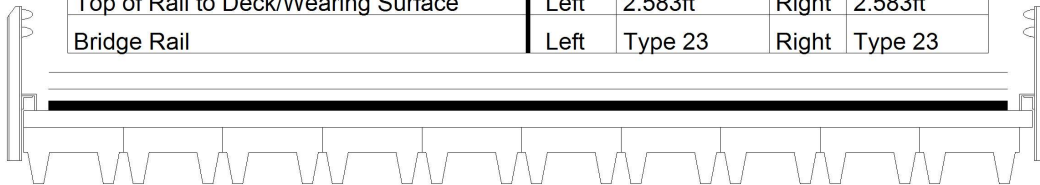
STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch

Deck Width/Out to Out	25.33ft	Between Rails				24.833ft
Clear Roadway	24ft	Wearing Surface				0.25ft
Median Width		Median Height				
Curb Height		Left	0.542ft	Right	0.542ft	
Sidewalk Width		Left		Right		
Clear Roadway (Rail to Median)		Left		Right		
Guardrail Width		Left	0.671ft	Right	0.671ft	
Top of Rail to Deck/Wearing Surface		Left	2.583ft	Right	2.583ft	
Bridge Rail		Left	Type 23	Right	Type 23	



Measurements for Span #	1		
Deck Thickness	0.417	Left Overhang	
Top of Rail to Bottom of Beam	4.25	Right Overhang	

Number of Channels	10
Leg Width	0.208ft
Leg Height	1.0ft
Leg to Leg (Centers)	2.0ft
Channel Width	2.5ft
Channel Height	1.42ft
Comments	

Title

TYPICAL SECTION

Description

SPAN 1, LOOKING EAST

Bridge No: 960143

Drawn By: JWT

Date: 1/9/2013

File Name: S0126001316

Bridge Inspection Field Sketch

SR 1737



Roadway	19ft Wide	2 Paved Lanes	Looking East
Left Shoulder	5ft Wide		5ft Unpaved
Right Shoulder	5ft Wide		5ft Unpaved
Left Guardrail			
Right Guardrail			

Title

APPROACH ROADWAY

Description

WEST APPROACH, LOOKING EAST

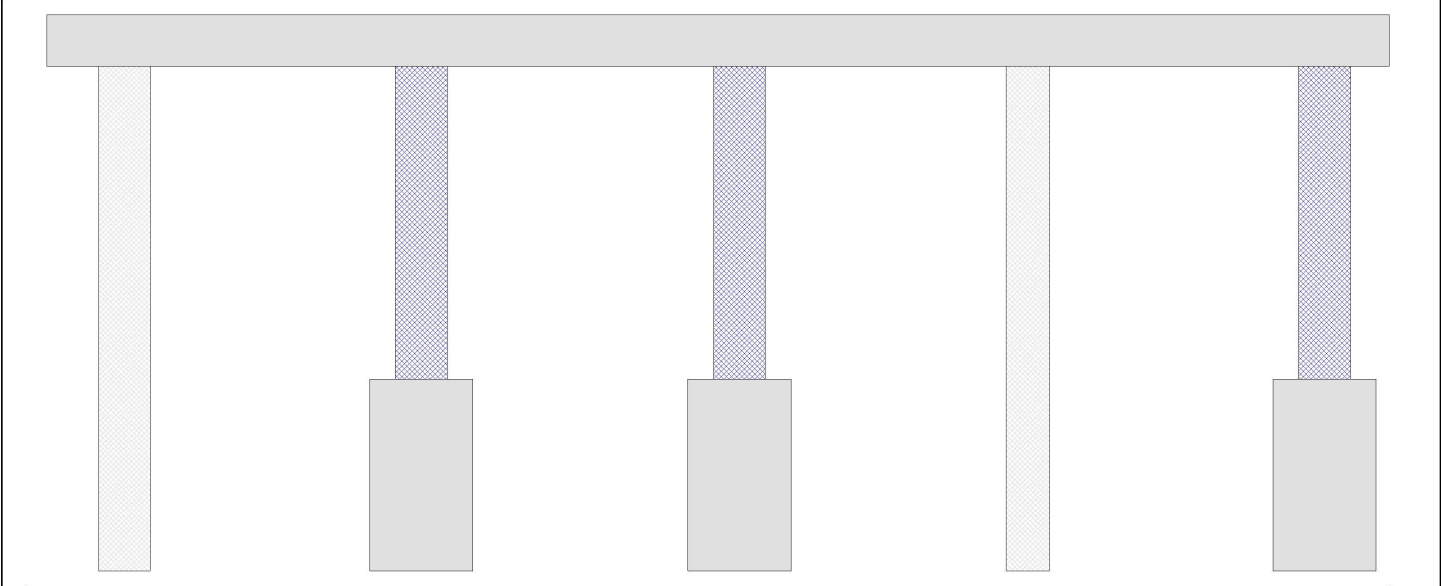
Bridge No: 960143

Drawn By: JWT

Date: 1/9/2013

File Name: S0130001537

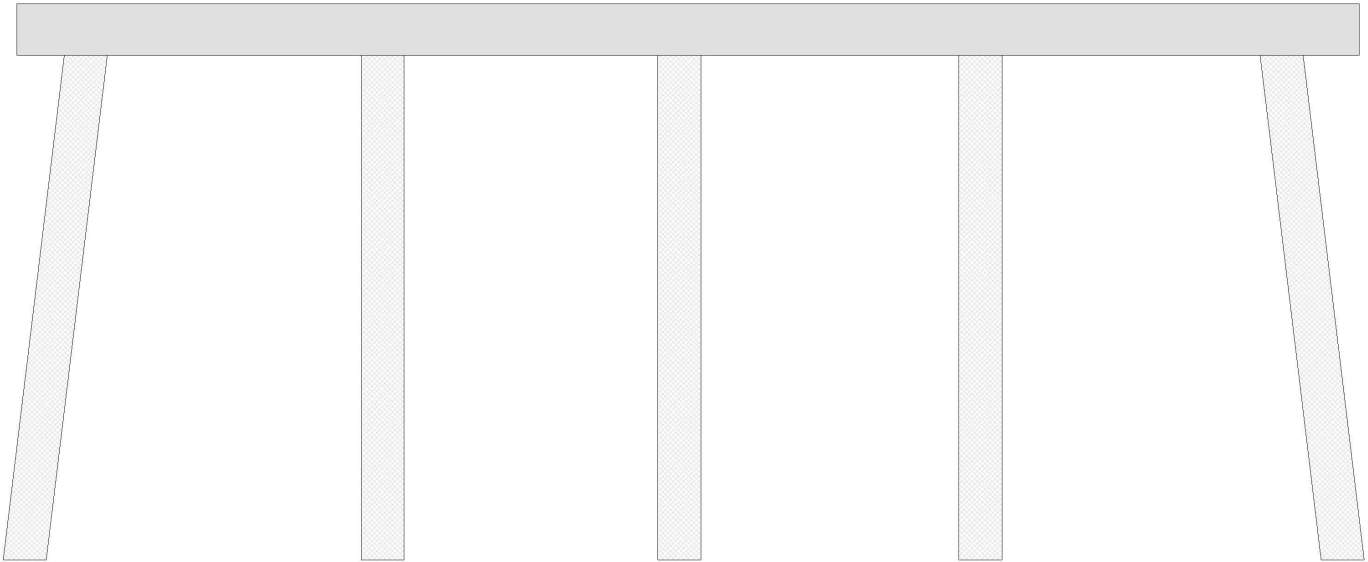
Bridge Inspection Field Sketch



Cap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.			Right Beam to End of Cap.		
26.000 ft.	1.333 ft.	1.000 ft.	1.500 ft.	1.500 ft.	1.580 ft.			1.667 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	5.75 ft.	1 ft.				No	No	No	No
2	Timber	6.167 ft.	1 ft.				No	Yes	No	Yes
3	Timber	5.583 ft.	1 ft.				No	Yes	No	Yes
4	Timber	5.75 ft.	0.833 ft.				No	No	No	No
5	Timber		1 ft.				No	Yes	No	Yes
Bent/Abutment #: 1 Similar Bents:										

Title		Description	
SUBSTRUCTURE		END BENT 1	
Bridge No: 960143	Drawn By: JWT	Date: 1/9/2013	File Name: S0130001538

Bridge Inspection Field Sketch



Cap Information			Material Precast Concrete							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
26.000 ft.	1.333 ft.	1.000 ft.	1.333 ft.	1.333 ft.	1.580 ft.	1.667 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	5.75 ft.	0.833 ft.			Battered	No	No	No	No
2	Timber	5.75 ft.	0.833 ft.			Vertical	No	No	No	No
3	Timber	5.833 ft.	0.833 ft.			Vertical	No	No	No	No
4	Timber	5.833 ft.	0.833 ft.			Vertical	No	No	No	No
5	Timber		0.833 ft.			Battered	No	No	No	No
7-3/4" X 2-3/4" CROSS BRACING										
Bent/Abutment #: 1			Similar Bents: 2							

Title

SUBSTRUCTURE

Description

BENT 1, LOOKING EAST

Bridge No: 960143

Drawn By: JWT

Date: 1/9/2013

File Name: S0130001539



LOOKING EAST



BRIDGE POSTING



EAST APPROACH, LOOKING WEST



WEST APPROACH, LOOKING EAST



UPSTREAM VIEW FROM BRIDGE, LOOKING NORTH



DOWNSTREAM VIEW FROM BRIDGE, LOOKING SOUTH



NORTH BRIDGE RAIL



SOUTH BRIDGE RAIL



UPSTREAM PROFILE, LOOKING SOUTH



DOWNSTREAM PROFILE, LOOKING NORTH



SUPERSTRUCTURE UNDERSIDE OF SPAN 3, LOOKING EAST



ASPHALT WEARING SURFACE IN SPAN 1, LOOKING WEST



CRACK IN ASPHALT WEARING SURFACE OVER END BENT 1, LOOKING SOUTH



CRACK IN ASPHALT WEARING SURFACE OVER BENT 1, LOOKING SOUTH



CRACK IN ASPHALT WEARING SURFACE OVER BENT 2, LOOKING SOUTH



CRACK IN ASPHALT WEARING SURFACE OVER END BENT 2, LOOKING SOUTH



END BENT 1 ELEVATION, LOOKING WEST



BENT 1 ELEVATION, LOOKING EAST



BENT 2 ELEVATION, LOOKING EAST



END BENT 2 ELEVATION, LOOKING EAST