NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION NON-NBIS LENGTH = 15'-11"
TEMPORARY REPAIR

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection - Contract

COUNTY WATAUGA BRIDGE NUMBER 940083 INSPECTION CYCLE 0 YRS

ROUTE SR1340 ACROSS HOSKINS CREEK M.P. 0

LOCATION .3 MI.S.JCT.SR1341

SUPERSTRUCTURE TIMBER FLOOR ON TIMBER JOISTS

SUBSTRUCTURE E.BTS:TIM.CAPS/TIM.POST&CONCRETE SILLS @ VAR.CTS.

SPANS 1 @ 18'-6

LONGITUDE 81° 40' 56.04" LATITUDE 36° 20' 54.80"

INSPECTION DATE 07/03/2013 PRESENT CONDITION FAIR

PRESENT POSTING Not Posted PROPOSED POSTING

OTHER SIGNS PRESENT (4) DELINEATORS



SOUTH APPROACH LOOKING NORTH

Fracture Critical	No
Temporary Shoring	No
Scour Critical	No
Scour POA	No

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

BRIDGE I & A FORM 1(97) AA SHEET 1 AA

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

BRIDGE: 940083 COUNTY: Watauga DATE: 11/27/07

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 :

	CODE	BY
S I & A ITEM 103 - TEMPORARY STRUCTURE DESIGNATION	T	TSG
S I & A ITEM 59 - SUPERSTRUCTURE	3	TSG
S I & A ITEM 60 - SUBSTRUCTURE		

S I & A ITEM 64 OPERATING RATING
HS 4.0 BY: AM

S I & A ITEM 66 - INVENTORY RATING
HS 3.0 BY: AM

COMMENTS

All joists supplemented.

Revised 11/7/2006

IDENTIFICATION

(1) STATE NAME -NORTH CAROLINA BRIDGE 940083
(8) STRUCTURE NUMBER(FEDERAL) 000000001890083
(5) INVENTORY ROUTE (ON/UNDER) - ON 31013400
(2) STATE HIGHWAY DEPARTMENT DISTRICT 2
(3) COUNTY CODE 189 (4) PLACE CODE 0
(6) FEATURE INTERSECTED - MINE BRANCH
(7) FACILITY CARRIED SR1340
(9) LOCATION .3 MI.S.JCT.SR1341
(11)MILEPOINT 0
(16)LAT 36° 20' 54.80" (17)LONG 81° 40' 56.04"
(98)BORDER BRIDGE STATE CODE PCT SHARE
(99)BORDER BRIDGE STRUCTURE NO

STRUCTURE TYPE AND MATERIAL

(43) STRUCTURE TYPE MAIN: Wood or Timber
TYPE - Stringer Mutlibeam or Girder CODE 702
(44) STRUCTURE TYPE APPR :
TYPE - CODE 000
(45) NUMBER OF SPANS IN MAIN UNIT 1
(46) NUMBER OF APPROACH SPANS
(107)DECK STRUCTURE TYPE - 8 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 1965
(106)YEAR RECONSTRUCTED
(42) TYPE OF SERVICE : ON - Highway
UNDER - Waterway CODE 15
(28) LANES: ON STRUCTURE 1 UNDER STRUCTURE 0
(29) AVERAGE DAILY TRAFFIC 740
(30) YEAR OF ADT 2011 (109) TRUCK ADT PCT 6%
(19) BYPASS OR DETOUR LENGTH 30 MI

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN 17 FT
(49) STRUCTURE LENGTH 19 FT
(50)CURB OR SIDEWALK: LEFT .9 FT RIGHT .9 FT
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 15.667 FT
(52) DECK WIDTH OUT TO OUT 17.833 FT
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 16 FT
(33) BRIDGE MEDIAN - No Median CODE 0
(34) SKEW 30° (35) STRUCTURE FLARED 0
(10) INVENTORY ROUTE MIN VERT CLEAR 999.9 FT
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 15.667 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

SUFFICIENCY RATING = 15.94
STATUS = Structurally Deficient

CLASSIFICATION CODE

(112)NBIS BRIDGE SYSTEM - NO
(104)HIGHWAY SYSTEM Is not on NHS 0
(26) FUNCTIONAL CLASS - Local 09
(100)STRAHNET HIGHWAY - Not a STRAHNET Route 0
(101)PARALLEL STRUCTURE - No Parallel Structure N
(102)DIRECTION OF TRAFFIC - One Lane Bridge, 2-way Traffic 3
(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 CODE

(58) DECK 7
(59) SUPERSTRUCTURE 3
(60) SUBSTRUCTURE 6
(61) CHANNEL & CHANNEL PROTECTION 5
(62) CULVERTS N

LOAD RATING AND POSTING CODE

(31) DESIGN LOAD Unknown 0
(63) OPERATING RATING METHOD - Allowable Stress 2
(64) OPERATING RATING - HS-4 7
(65) INVENTORY RATING METHOD - Allowable Stress 2
(66) INVENTORY RATING - HS-3 5
(70) BRIDGE POSTING - No Posting Required 5
(41) STRUCTURE OPEN, POSTED ,OR CLOSED D
DESCRIPTION - Open Temporary Shoring

APPRAISAL CODE

(67) STRUCTURAL EVALUATION 3
(68) DECK GEOMETRY 3
(69) UNDERCLEARANCES,VERTI & HORIZ N
(71) WATERWAY ADEQUACY 5
(72) APPROACH ROADWAY ALIGNMENT 6
(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 1480 (115) YEAR FUTURE ADT 2025

INSPECTIONS

(90) INSPECTION DATE 07/03/2013
(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: 08/14/2013

COUNTY :	DIVISION :	DISTRICT:	STRUCTURE NUMBER :	LENGTH :
WATAUGA	11	2	940083	19 FEET

ROUTE CARRIED : SR1340

FEATURE INTERSECTED : MINE BRANCH

LOCATED : .3 MI.S.JCT.SR1341

BRIDGE NAME :

CITY :

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :		RAIL TYPE :	
09	NFA	NFA	740	2011	LT 227	RT 227

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1965	BMU			Unknown

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :	
			TAN	120	ON 1	UNDER 0

NAVIGATION :				HT. CRN. TO BED :		WATER DEPTH :	
VC	0 FT	HC	0 FT	7	FT	2	FT

SUPERSTRUCTURE : TIMBER FLOOR ON TIMBER JOISTS

SUBSTRUCTURE : E.BTS:TIM.CAPS/TIM.POST&CONCRETE SILLS @ VAR.CTS.

SPANS : 1 @ 18'-6

BEAMS OR GIRDERS : 1 LN.6X12 TIM.JST.& 10 DBL.LNS.6X12 TIM.JSTS.@ VAR.CTS.

FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
4X8 TIM/2 AWS	1 LN. UTILITY	17.833 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :			
15.667 FT	17.5 FT	LT	.9 FT	RT	.9 FT

VERT.CL.OVER : 999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :			
HS-3	HS-4	IntJoists	SV	TTST	DATE	08/04/2005

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

UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE I & A FORM1 (90)A

BRIDGE INSPECTION RECORD AND SUMMARY

INSPECTION TYPE Routine Inspection - Contract
BRIDGE NO. 940083 COUNTY WATAUGA ROUTE SR1340 OVER HOSKINS CREEK
STRUCTURE TYPE TIMBER FLOOR ON TIMBER JOISTS
ROUTE ORIENTATION S - N SPANS 1 @ 18'-6

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

INSPECTION ITEM			
DECK ITEMS			GRADES
1. WEARING SURFACE			G
2. DECK NO. OF EA TYPE SPN GRADE RATES SI & A ITEM 58	a. CONCRETE		
	b. TIMBER	1	G
	c. STEEL PLANK		
	d. OPEN GRID		
3. RAILING	a. CONCRETE		
	b. TIMBER		G
	c. ALUMINUM		
	d. STEEL		
4. CURBS, WHEELGUARDS, PARAPETS, MEDIANS			G
5. WALKWAYS (ON OR ATTACHED TO STRUCTURE)			
6. DECK EXP JTS. OR DEVICES. NO. OF EACH	a. STEEL PL OR FINGER		
	b. MISC PREFAB		
	c. COMPRESSION SEAL		
	d. STANDARD JOINTS		
	e. OPEN JOINTS		
7. DECK DEBRIS (INCLUDES EXCESS SAND/GRAVEL)			F
SUPER STR. (FM. 1 (90)B TRUSS) ITEM 59			
10. LONGITUDINAL BEAMS OR GIRDERS			
11. LONGITUDINAL JOIST OR STRINGERS			G
12. INT. DIAP'S, X-FRAMES, BRACING & CONN'S			
13. END DIAP'S, CURTAIN WALLS, & CONN'S			
14. FLOOR BEAMS AND CONNECTIONS			
15. BEARING ASSEMBLIES (INCLUDING MISALIGN)			
16. DRAINAGE SYSTEM (ON STRUCTURE)			F
17. MOVABLE SPAN MACHINERY			
SUB STR. ITEMS. ITEM 60 (INCLUDE SCOUR)			
35. TIM SUB STR.	a. ABUT. & INT. BENT CAPS & RISERS		F
	b. PILES, POST, SILLS, & BRACING		F
	c. BULKHEADS, WING'S, & TIE BACKS		F
36. CONC SUB STR.	a. ABUT. & INT. BENT CAPS		
	b. ABUT. & BENT COL'S BREASTWALLS		
	c. ABUT. & INT. BENT PILES		
	d. BACKWALLS, WING'S, RETAIN. WALLS		
	e. ABUT. & BENT FOOTINGS & SILLS		G
37. STEEL SUB STR.	a. ABUT. & INT. BENT CAPS & RISERS		
	b. PILES, BRACING, AND BULKHEADS		
38. FOUNDATION PILES TYPE MATERIAL			
39. SLOPE PROT., RIP-RAP (INCLUDE DRAINAGE)			
40. FENDER SYSTEMS			
41. DRIFT			G

ITEM 61		
45. CHANNEL & CHANNEL PROT.	a. WATERWAY	G
	b. ALIGNMENT	G
	c. SCOUR	F
	d. SLOPE PROT., RIP-RAP, DIKES, ETC.	
50. APPROACH ROADWAY CONDITION		G
51. APPROACH SLABS		
52. PAINT SYSTEM CODE		
53. UTILITIES		G
54. RESPONSE TO LIVE LOAD		G
55. ESTIMATED REMAINING LIFE		15
60. REGULATORY SIGN NOTICE ISSUED		NO
61. PROMPT-ACTION NOTICE ISSUED		NO
62. PRESENTLY POSTED		NO
63. TOT. FIELD INSP TIME (INCLUDE WRITE UP)(MAN HR)		5
64. TOTAL SNOOPER INSP. TIME (HRS)		
65. TOTAL TRAFFIC CONTROL TIME (MAN HRS)		
70. SI&A GENERAL CONDITION RATINGS		
a. DECK	ITEM 58	7
b. SUPERSTRUCTURE	ITEM 59	7
c. SUBSTRUCTURE	ITEM 60	6
d. CHANNEL & CHANNEL PROT.	ITEM 61	5
71. SI&A FIELD APPRAISAL RATINGS		
a. WATERWAY ADAQUACY		5
b. APPR. RDWY. ALIGNMENT		6
72. FIELD SCOUR EVALUATION		B
USE OF INSP. ACCESSIBILITY EQUIPMENT		
SNOOPER (CODE S, 4, OR N)	HRS	NO
LADDER		NO
BUCKET TRUCK		NO
BOAT		NO
OTHER		NO
SPECIAL INSPECTION REQUESTED FOR		
NOTE		
80. INSPECTED BY:	Robert Pruett	
81. REVIEWED BY:		

Bridge I&A Form 1(82)H

State of North Carolina
Dept. of Transportation
Division of Highways

FIELD INSPECTION REPORT

Bridge Inspecion & Analysis

Team Leader R. PRUETT

Assisted By RJF

Item No.	Grade	
1	G	THE ASPHALT WEARING SURFACE HAS A 6' LONG X 11" WIDE X 1" DEEP POT HOLE [SEE PHOTO].
7	F	THERE IS VEGETATION GROWTH ALONG THE EAST BRIDGE RAIL PARTIALLY BLOCKING DRAINAGE [SEE PHOTO].
10A	NO	THERE ARE NO CURVED GIRDERS.
11	G	THE EAST FACE OF JOIST 21 AT THE NORTH END HAS A LONGITUDINAL CHECK UP TO 1/8" WIDE [SEE PHOTO].
16	F	THERE IS VEGETATION GROWTH ALONG THE EAST BRIDGE RAIL PARTIALLY BLOCKING DRAINAGE [SEE PHOTO].
35a	F	THE EAST END OF ABUTMENT 2 CAP HAS A DECAYED AREA UP TO 10" HIGH X 4" WIDE X 6" DEEP [SEE PHOTO].
35b	F	THE POSTS HAVE SURFACE DECAY THROUGHOUT.
35c	F	BOTH ABUTMENT BULKHEADS ARE SOFT AND WET. NO DECAYED NOTED.
36e	G	THERE ARE FULL HEIGHT VERTICAL CRACKS UP TO 1/8" WIDE THO BOTH SILLS [SEE PHOTO].
45c	F	A SCOUR HOLE UP TO 3' LONG X 4" DEEP UNDER THE EAST END OF ABUTMENT 1 SILL [SEE PHOTO]. NO UNDERMINING NOTED. THE BANKS HAVE EROSION THROUGHOUT.
71b	6	THE NORTH APPROACH IS ON A HORIZONTAL CURVE WHICH REQUIRES A SPEED DEDUCTION.

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 940083 County WATAUGA Date: 07/03/2013

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
2816	Asphalt Surface Repair or Replacement	SY	1	6' LONG X 11" WIDE X 1" DEEP POT HOLE ASPHALT WEARING SURFACE OF THE BRIDGE.	
3344	Repair / Replace Timber Substructure Components	LF	1	DECAYED AREA UP TO 10" HIGH X 4" WIDE X 6" DEEP IN THE EAST END OF ABUTMENT 2 CAP.	
3352	Maint Slope Protection	SF	3	SCOUR HOLE UP TO 4" DEEP AT ABUTMENT 1.	
3376	Clean/Wash Bridge Decks	SF	19	VEGETATION GROWTH ALONG THE EAST BRIDGE RAIL PARTIALLY BLOCKING DRAINAGE.	

Key

Priority Maintenance Item Critical Finding Item Priority Maintenance Level Not Determined



VEGETATION GROWTH ALONG THE EAST BRIDGE RAIL PARTIALLY BLOCKING DRAINAGE



6' LONG X 11" WIDE X 1" DEEP POT HOLE ASPHALT WEARING SURFACE



FULL HEIGHT VERTICAL CRACKS UP TO 1/8" WIDE IN BOTH SILLS (ADJACENT TO PILE 2 AT ABUTMENT 1 SHOWN)



SCOUR HOLE UP TO 3' LONG X 4" DEEP AT THE EAST END OF ABUTMENT 1 SILL



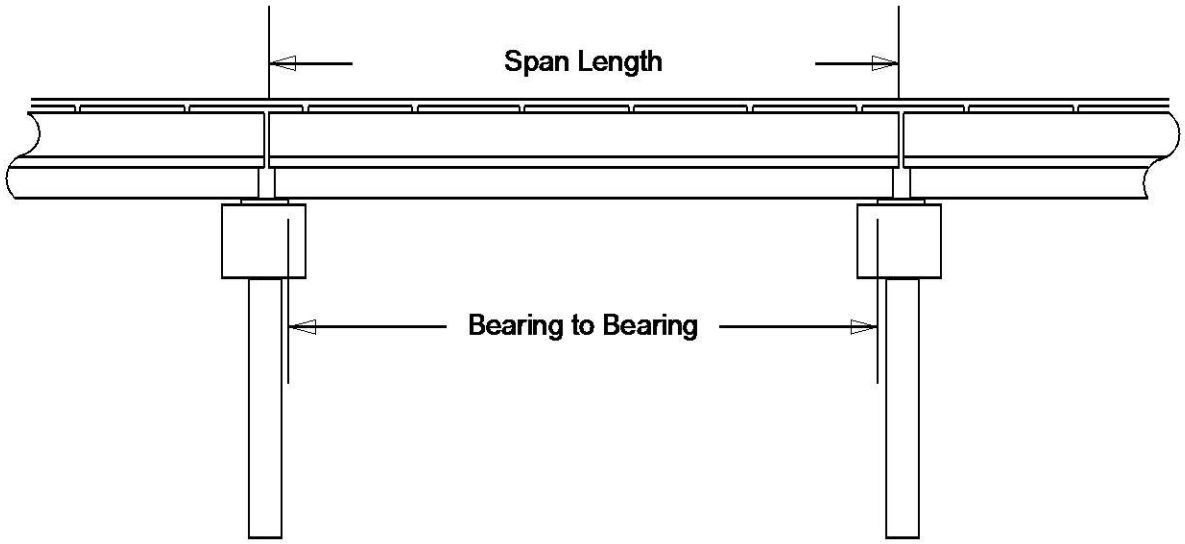
LONGITUDINAL CHECK UP TO 1/8" WIDE IN THE EAST FACE OF JOIST 21 AT THE NORTH END



DECAYED AREA UP TO 10" HIGH X 4" WIDE X 6" DEEP IN THE EAST END OF ABUTMENT 2 CAP

Structure Data Worksheet

County: WATAUGA Structure No: 940083 Date: 07/03/2013 Inspected By: RAP



Span No	Span Length	Bearing to Bearing	Comments
1	18'-6"	17'-1"	NBIS LENGTH = 15'-11"

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 940083 County: WATAUGA Date: 07/03/2013 By: RAP

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

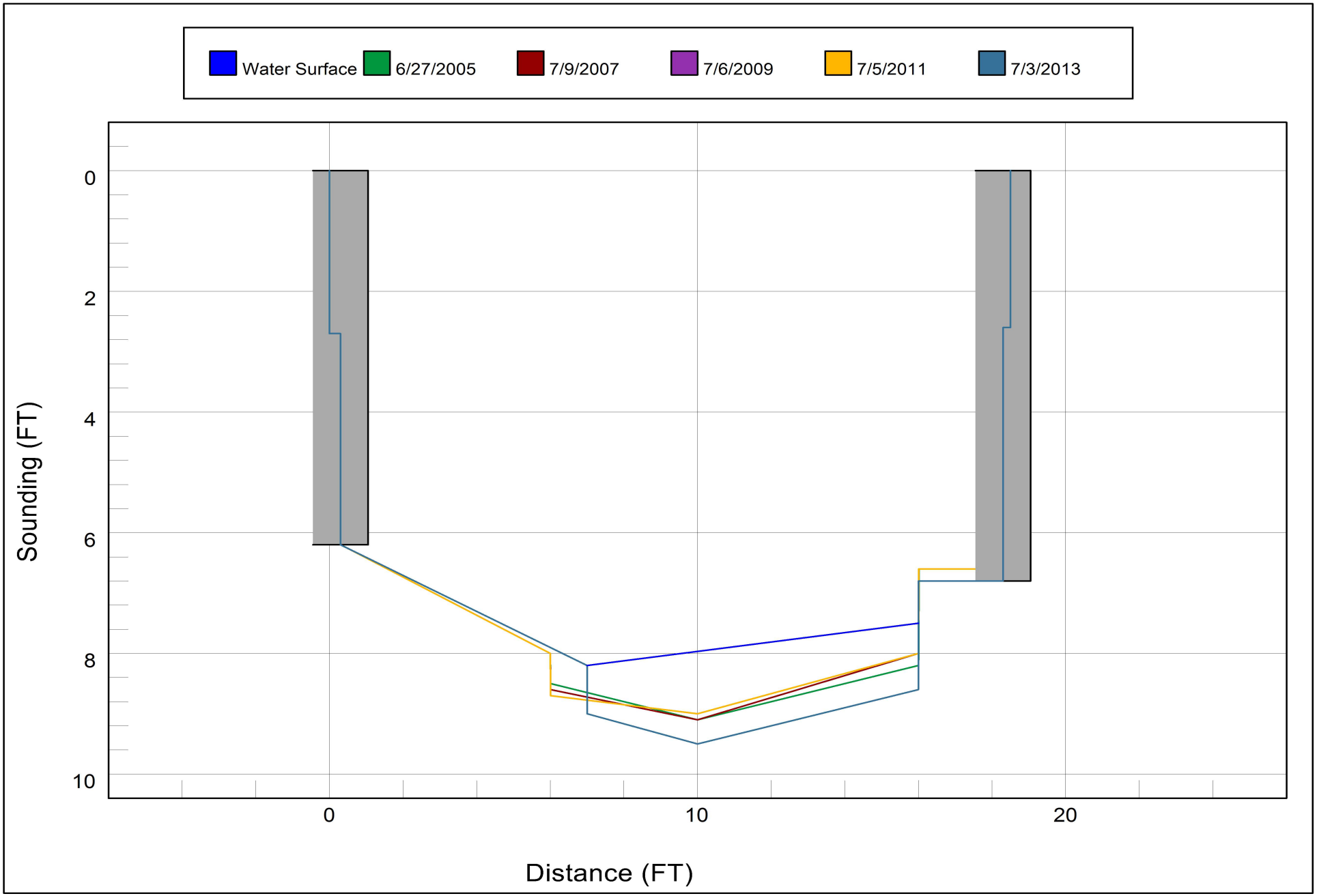
Distance from Highwater Mark to top of rail: Location of Highwater Mark:

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
0	0	TOP OF RAIL			
0.001	2.7	TOP OF FILL FACE			
0.299	2.7	TOP OF FILL FACE			
0.3	4.1	Top of Cap			
0.301	6.2	FACE OF ABUTMENT 1	0.301	6	FACE OF ABUTMENT 1
7	8.2	Water Surface (WS)			
7.001	9	WATER EDGE			
10	9.5	STREAM BED			
15.998	8.6	WATER EDGE			
15.999	8.1	FACE OF FOOTING			
16	7.5	Water Surface (WS)			
16.001	6.8	TOP OF FOOTING			
18.299	6.8	FACE OF ABUTMENT 2	18.299	6.2	FACE OF ABUTMENT 2
18.3	4	Top of Cap			
18.301	2.6	TOP OF FILL FACE			
18.499	2.6	TOP OF FILL FACE			
18.5	0	TOP OF RAIL			

Bridge: 940083 County WATAUGA Date: 07/03/2013

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch



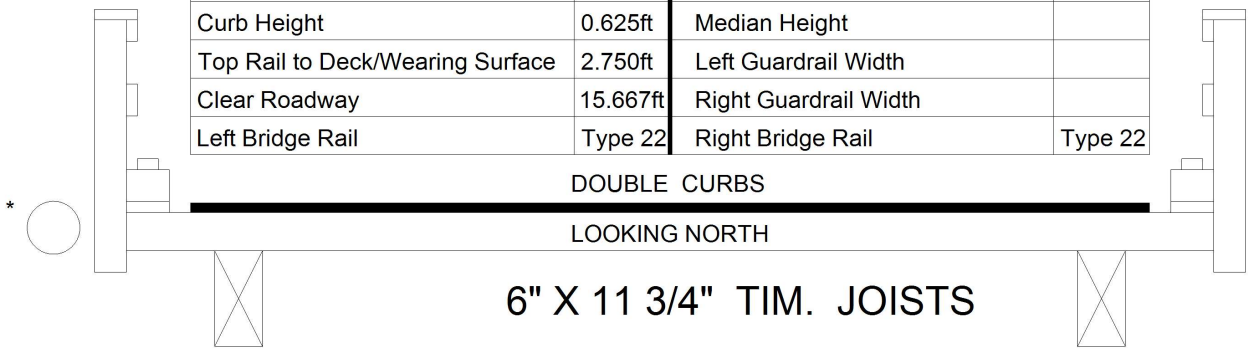
Roadway	16ft Wide	2 Paved Lanes	Looking North
Left Shoulder	4ft Wide		4ft Unpaved
Right Shoulder	4ft Wide		4ft Unpaved
Left Guardrail			
Right Guardrail			

VERIFIED 7/05/11 J.FAULKNER
VERIFIED 7/03/13 KCI

Title	**Description**		
APRW	APPROACH ROADWAY		
Bridge No: 940083	**Drawn By:** G.R.R.	**Date:** 06/27/2005	**File Name:** S0130000131

Bridge Inspection Field Sketch

Deck Width/Out to Out	17.833ft	Wearing Surface	0.167ft
Between Rails	17.50ft	Median Width	
Curb Height	0.625ft	Median Height	
Top Rail to Deck/Wearing Surface	2.750ft	Left Guardrail Width	
Clear Roadway	15.667ft	Right Guardrail Width	
Left Bridge Rail	Type 22	Right Bridge Rail	Type 22



* - (1) 2 3/4" DIAMETER PVC UTILITY PIPE

NBIS 15'-11"

Measurements for Span #	1		
Deck Thickness	0.312	Left Overhang	1.00
Top of Rail to Bottom of Beam	4.083	Right Overhang	1.00

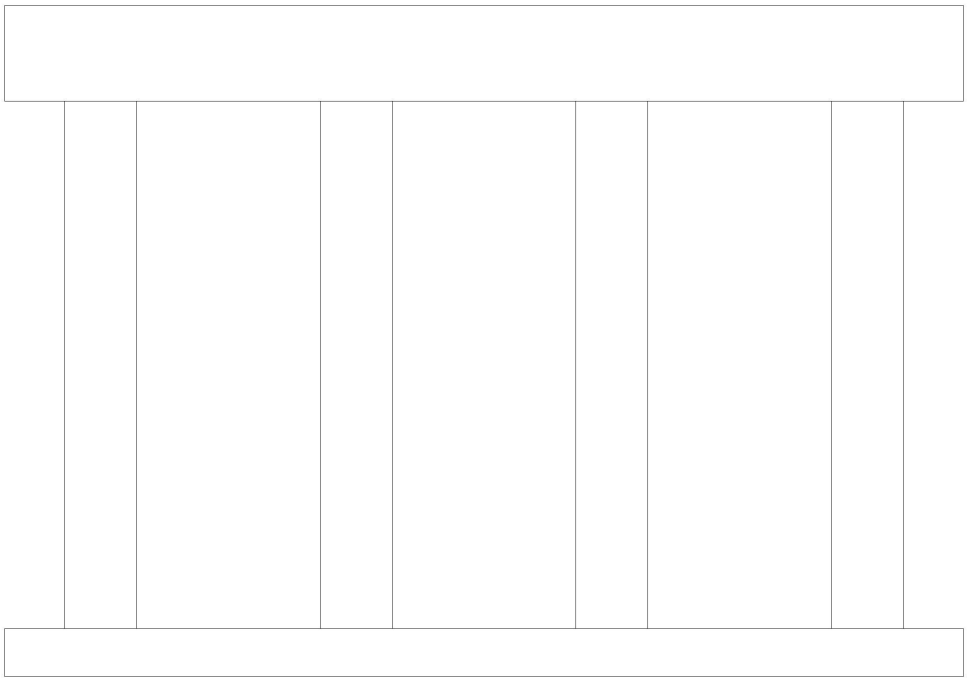
Beam No	Beam Type	Spacing	Comments
1	Timber (Rectangular)	0.500ft	
2	Timber (Rectangular)	1.083ft	ADDED
3	Timber (Rectangular)	0.500ft	
4	Timber (Rectangular)	1.083ft	ADDED
5	Timber (Rectangular)	0.500ft	
6	Timber (Rectangular)	1.083ft	ADDED
7	Timber (Rectangular)	0.500ft	
8	Timber (Rectangular)	1.083ft	ADDED
9	Timber (Rectangular)	0.500ft	
10	Timber (Rectangular)	1.083ft	ADDED
11	Timber (Rectangular)	0.500ft	
12	Timber (Rectangular)	1.083ft	ADDED
13	Timber (Rectangular)	0.500ft	
14	Timber (Rectangular)	1.083ft	ADDED
15	Timber (Rectangular)	0.500ft	
16	Timber (Rectangular)	1.083ft	ADDED
17	Timber (Rectangular)	0.500ft	
18	Timber (Rectangular)	1.083ft	ADDED
19	Timber (Rectangular)	0.500ft	
20	Timber (Rectangular)	1.083ft	ADDED
21	Timber (Rectangular)		

VERIFIOED 7/5/11 DWELBORN
VERIFIED 7/03/13 KCI

Title	**Description**
TS	SUPER

Bridge No: 940083	**Drawn By:** DCW	**Date:** 06/24/2005	**File Name:** S0126000122

Bridge Inspection Field Sketch



AB 2 POST ARE 12" X 10"

Abutment #	1	Abutment 2 similar	
Cap - Beam Type (Wood or Steel)			
Cap Size	20ft Long	0.833ft Wide	0.958ft High
Left Overhang	1.5ft	Lt Cap/Beam Overhang	.750ft
Right Overhang	1.5ft	Rt Cap/Beam Overhang	.750ft
Sill - Sill			
Sill Size			

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Post and Sills	5' 6"	22"	12"	11 1/2	Vertical
2	Wood or Timber	Post and Sills	6'	22"	12"	11 1/2'	Vertical
3	Wood or Timber	Post and Sills	5' 6"	22"	12"	11 1/2"	Vertical
4	Wood or Timber	Post and Sills		22"	12"	11 1/2"	Vertical

VERIFIED 7/05/11 JFAULKNER
VERIFIED 7/03/13 KCI

Title
SUB

Description
SUBSTRUCTURE

Bridge No: 940083 **Drawn By:** G.R.R. **Date:** 06/27/2005 **File Name:** S0130000132



NORTH APPROACH LOOKING SOUTH



LOOKING DOWNSTREAM (WEST)



LOOKING UPSTREAM (EAST)



SOUTH APPROACH LOOKING NORTH



WEST BRIDGE RAIL (EAST SIMILAR)



ASPHALT WEARING SURFACE OF THE BRIDGE



CATTLE FENCE AT DOWNSTREAM END OF THE BRIDGE



LOOKING DOWNSTREAM (WEST) FROM BELOW



LOOKING UPSTREAM (EAST) FROM BELOW



ABUTMENT 2 ELEVATION (ABUTMENT 1 SIMILAR)



SUPERSTRUCTURE WITH TEMPORARY JOISTS ADDED



(1) - 2 3/4" PVC UTILITY PIPE ATTACHED TO THE WEST BRIDGE RAIL



EAST ELEVATION



WEST ELEVATION