



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION

TEMP. REPAIR - ALL ABUTMENT POST HAVE BEEN
SUPPLEMENTED SOMETIME IN THE PAST.

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY JACKSON BRIDGE NUMBER 490182 INSPECTION CYCLE 2 YRS
ROUTE SR1747 ACROSS JOHNS CREEK M.P. 0

LOCATION 2.2 MI.E.JCT.SR1748

SUPERSTRUCTURE TIMBER FLOOR ON TIMBER JOISTS

SUBSTRUCTURE E.BTS:TIMBER CAPS/TIMBER POST & SILLS/CONC.FTGS.

SPANS 1 @ 20'-6

LONGITUDE 83° 3' 49.8"

LATITUDE 35° 17' 13.9"

PRESENT CONDITION GOOD

INVENTORY RATING

INSPECTION DATE 01/10/2012

OPERATING RATING

PRESENT POSTING SV 25 TTST 39 SV 25 TTST 39

PROPOSED POSTING

COMPUTER UPDATE

ANALYSIS DATE

POSTING LETTER DATE

SUFFICIENCY RATING

OTHER SIGNS PRESENT DELINEATORS [4] AND ONE LANE BRIDGE [2]



LOOKING EAST

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: 02/07/2012

IDENTIFICATION					
(1) STATE NAME -NORTH CAROLINA	BRIDGE	490182		SUFFICIENCY RATING =	7
(8) STRUCTURE NUMBER(FEDERAL)		000000000990182		STATUS =	Structurally Deficient
(5) INVENTORY ROUTE (ON/UNDER) - ON		31017470			
(2) STATE HIGHWAY DEPARTMENT DISTRICT		2			
(3) COUNTY CODE	99	(4) PLACE CODE	00000		
(6) FEATURE INTERSECTED -	JOHNS CREEK				
(7) FACILITY CARRIED	SR1747				
(9) LOCATION	2.2 MI.E.JCT.SR1748				
(11)MILEPOINT		0			
(16)LAT	35° 17' 27.3"	(17)LONG	83° 3' 31.5"		
(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 -	NO
TYPE -	Stringer Mutlibeam or Girder	CODE	702	(104)HIGHWAY SYSTEM	Is not on NHS 0
(44) STRUCTURE TYPE APPR :				(26) FUNCTIONAL CLASS -	Local 09
TYPE -		CODE	000	(100)STRAHNET HIGHWAY -	Not a STRAHNET Route 0
(45) NUMBER OF SPANS IN MAIN UNIT			1	(101)PARALLEL STRUCTURE -	No Parallel Structure N
(46) NUMBER OF APPROACH SPANS				(102)DIRECTION OF TRAFFIC -	2-way Traffic 2
(107)DECK STRUCTURE TYPE -	8	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	7
				(60) SUBSTRUCTURE	4
				(61) CHANNEL & CHANNEL PROTECTION	7
				(62) CULVERTS	N
				LOAD RATING AND POSTING	
				(31) DESIGN LOAD	Other or 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 4
				(41) STRUCTURE OPEN, POSTED ,OR CLOSED	P
				DESCRIPTION -	Posted for Load
				APPRAISAL	
				(67) STRUCTURAL EVALUATION	4
				(68) DECK GEOMETRY	2
				(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	840
				(115) YEAR FUTURE ADT	2025
				INSPECTIONS	
				(90) INSPECTION DATE	01/05/2010
				(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	
AGE AND SERVICE					
(27) YEAR BUILT			1961		
(106)YEAR RECONSTRUCTED					
(42) TYPE OF SERVICE : ON -	Highway				
UNDER -	Waterway	CODE	15		
(28) LANES: ON STRUCTURE	2	UNDER STRUCTURE			
(29) AVERAGE DAILY TRAFFIC			420		
(30) YEAR OF ADT	2009	(109) TRUCK ADT PCT	6%		
(19) BYPASS OR DETOUR LENGTH			99 MI		
GEOMETRIC DATA					
(48) LENGTH OF MAXIMUM SPAN			19 FT		
(49) STRUCTURE LENGTH			21 FT		
(50)CURB OR SIDEWALK: LEFT	.3 FT	RIGHT	.3 FT		
(51) BRIDGE ROADWAY WIDTH CURB TO CURB			19.1 FT		
(52) DECK WIDTH OUT TO OUT			19.9 FT		
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)			18 FT		
(33) BRIDGE MEDIAN -	No Median	CODE	0		
(34) SKEW	45°	(35) STRUCTURE FLARED	0		
(10) INVENTORY ROUTE MIN VERT CLEAR			999.9 FT		
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR			19.1 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		

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 02/07/2012

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :	
JACKSON	14	2	490182	21	FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
SR1747	JOHNS CREEK

LOCATED :	BRIDGE NAME :	CITY :
2.2 MI.E.JCT.SR1748		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
09	NFA	NFA	420 2009	LT 227 RT 227

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1961	BMU			Other or Unknown

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :
	BMU		TAN	45	ON 2 UNDER

NAVIGATION :	HT. CRN. TO BED :	WATER DEPTH :
VC 0 FT HC 0 FT	9 FT	1 FT

SUPERSTRUCTURE :	TIMBER FLOOR ON TIMBER JOISTS
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SUBSTRUCTURE :	E.BTS:TIMBER CAPS/TIMBER POST & SILLS/CONC.FTGS.
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SPANS :	1 @ 20'-6
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BEAMS OR GIRDERS :	16 LINES 6X14 TIMBER JOISTS @ 1'-2.375 CENTERS
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FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
		19.9 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
19.1 FT	19.8 FT	LT .3 FT RT .3 FT

VERT.CL.OVER :
999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :	TTST	39	DATE	10/14/2008
HS-1	HS-1	Int.jsts	SV 25				

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. 490182 COUNTY JACKSON ROUTE SR1747 OVER JOHNS CREEK
 STRUCTURE TYPE TIMBER FLOOR ON TIMBER JOISTS
 ROUTE ORIENTATION W - E SPANS 1 @ 20'-6

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

INSPECTION ITEM				ITEM 61			
DECK ITEMS			GRADES	45. CHANNEL & CHANNEL PROT.	a. WATERWAY	G	
1. WEARING SURFACE			G		b. ALIGNMENT	G	
2. DECK NO. OF EA TYPE SPN GRADE RATES SI & A ITEM 58	a. CONCRETE				c. SCOUR	G	
	b. TIMBER	1	G		d. SLOPE PROT., RIP-RAP, DIKES, ETC.		
	c. STEEL PLANK			50. APPROACH ROADWAY CONDITION	G		
	d. OPEN GRID			51. APPROACH SLABS			
3. RAILING	a. CONCRETE			52. PAINT SYSTEM	CODE		
	b. TIMBER		G	53. UTILITIES		5	
	c. ALUMINUM			54. RESPONSE TO LIVE LOAD		G	
	d. STEEL			55. ESTIMATED REMAINING LIFE		16	
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)	4		
	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	7	
10. LONGITUDINAL BEAMS OR GIRDERS				b. SUPERSTRUCTURE	ITEM 59	7	
11. LONGITUDINAL JOIST OR STRINGERS			G	c. SUBSTRUCTURE	ITEM 60	7	
12. INT. DIAP'S, X-FRAMES, BRACING & CONN'S				d. CHANNEL & CHANNEL PROT.	ITEM 61	7	
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)			G	b. APPR. RDWY. ALIGNMENT		7	
17. MOVABLE SPAN MACHINERY							
				72. FIELD SCOUR EVALUATION		L	
SUB STR. ITEMS. ITEM 60 (INCLUDE SCOUR)							
35. TIM SUB STR.	a. ABUT. & INT. BENT CAPS & RISERS	G		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	G		LADDER		NO	
36. CONC SUB STR.	a. ABUT. & INT. BENT CAPS			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	G					
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:	W. B. J.		
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 Inspeccion & Analysis</u>	
Team Leader BARRY FOXX			
Assisted By BUZZY BROWN			
Item No.	Grade		
3b	G	TIMBER RAILING; DAMAGED RAIL TIMBERS MENTIONED IN LAST REPORT HAVE BEEN REPLACED WITH ALL RAIL TIMBERS FOUND TO BE IN GOOD CONDITION AT THIS TIME.	
35b	G	TIMBER ABUTMENT POST; ALL ABUTMENT POST HAVE BEEN SUPPLEMENTED SOMETIME IN THE PAST. THESE REPAIRS ARE CONSIDERED TEMP.	
35c	G	TIMBER BULKHEAD; SOME ORIGINAL BULKHEAD TIMBERS WERE LEFT IN PLACE WHEN OTHERS WERE CHANGED. ALL TIMBERS WERE FOUND TO BE IN GOOD CONDITION AT THIS TIME.	
45b	G	ALIGNMENT; RIP RAP HAS BEEN PLACED AT NW CORNER OF BRIDGE SOMETIME IN THE PAST.	

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 490182

County JACKSON

Date: 01/10/2012

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
0	No Maintenance Required	NA	0	NO RECOMMENDATIONS AT THIS TIME.	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined

Structure Data Worksheet

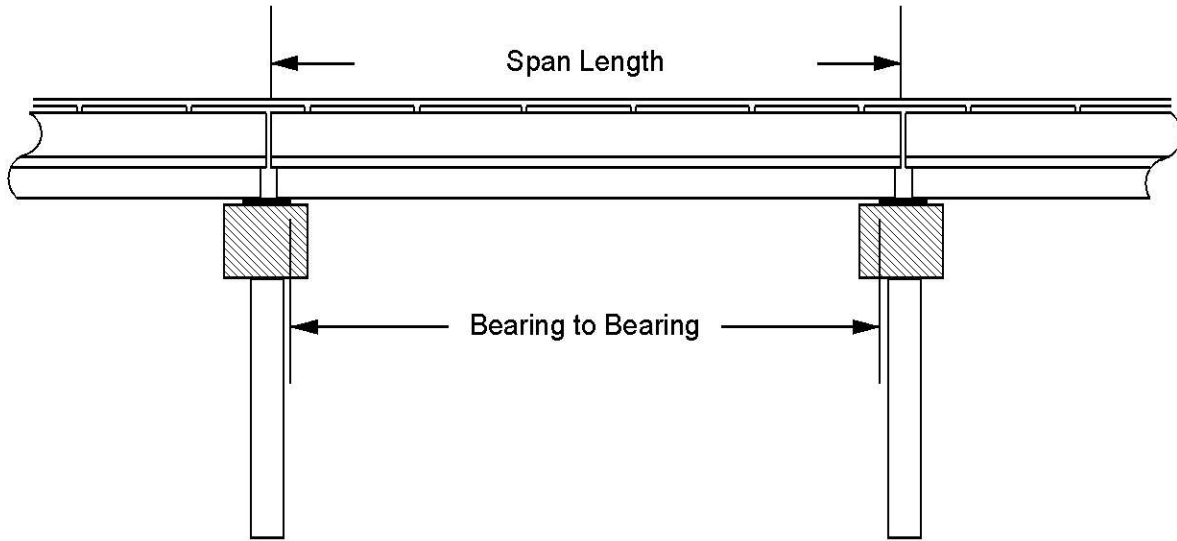
Spans

County: JACKSON

Structure No: 490182

Date: 01/10/2012

Inspected By: WBF



Span No	Span Length	Bearing to Bearing	Comments
1	20.5	19.1667	

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 490182 County: JACKSON Date: 01/10/2012 By: WBF

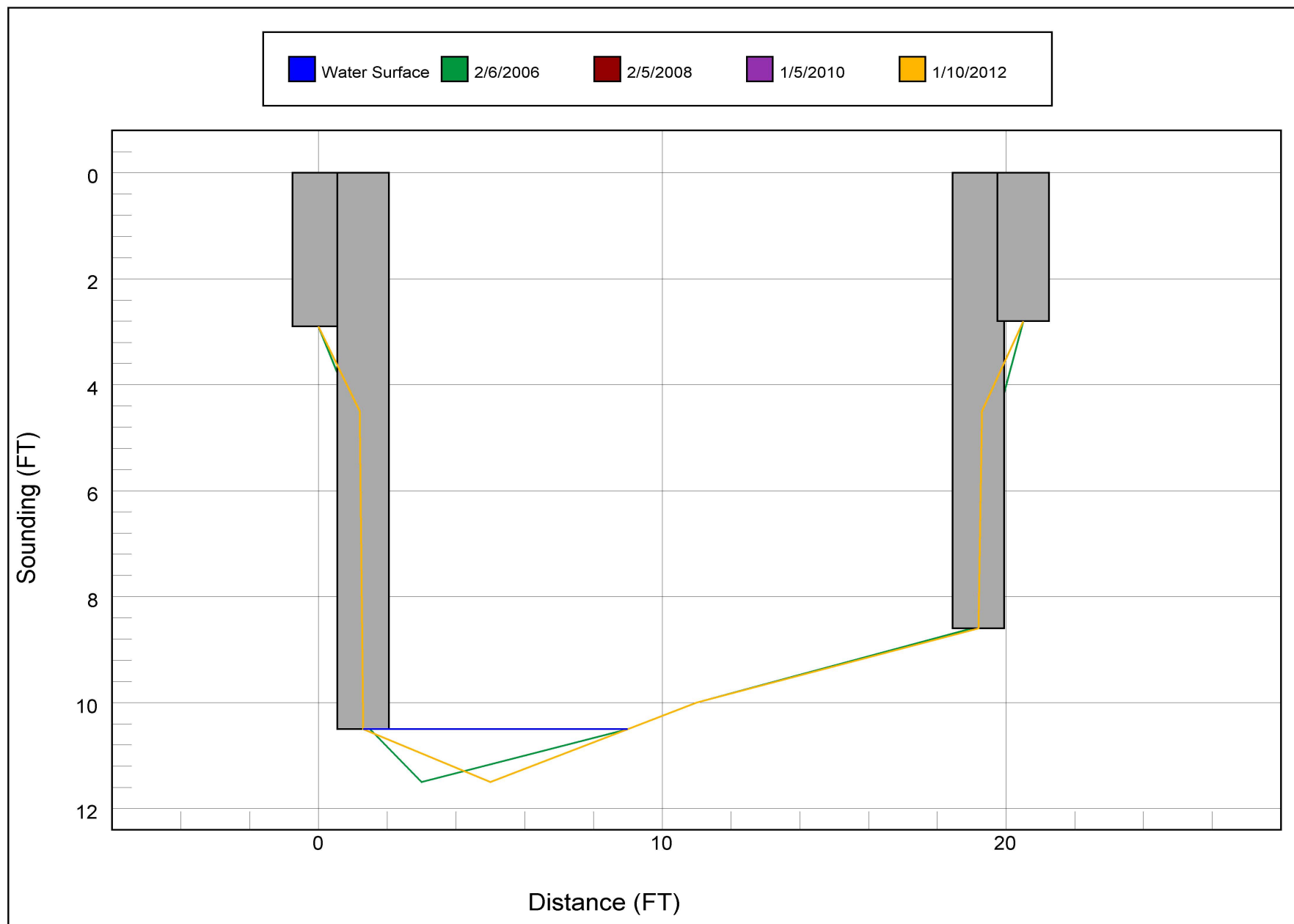
Record sounding from top of rail. Other location if needed: _____

Distance from Highwater Mark to top of rail: _____ Location of Highwater Mark: NOT DETECTED

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
0	2.9	FILL FACE ABUTMENT 1	0	2.9	FILL FACE ABUTMENT 1
1.2	4.5	Top of Cap			
1.3	10.5	STREAM FACE ABUTMENT 1 AND WE AND WS	1.3	8.6	STREAM FACE ABUTMENT 1
5	11.5				
9	10.5	Water Surface/Water Edge (WSWE)			
11	10				
19.2	8.6	STREAM FACE ABUTMENT 2	19.2	8.5	STREAM FACE ABUTMENT 2
19.3	4.5	Top of Cap			
20.5	2.8	FILL FACE ABUTMENT 2	20.5	2.8	FILL FACE ABUTMENT 2

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch

VERIFIED BY DAVID SANDERS 1/10/2012

S. R. - 1747



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

Title		Description	
APPROACH ROADWAY		APPROACH ROADWAY	
Bridge No: 490182	Drawn By: BARRY FOXX	Date: 1/10/2012	File Name: S0122000287

Bridge Inspection Field Sketch

VERIFIED BY BARRY FOXX 1/10/2012

Deck Width/Out to Out	19.969ft	Wearing Surface	0.208ft
Between Rails	19.771ft	Median Width	
Curb Height	0.708ft	Median Height	
Top Rail to Deck/Wearing Surface	2.75ft	Left Guardrail Width	
Clear Roadway	19.104ft	Right Guardrail Width	
Left Bridge Rail	Type 22	Right Bridge Rail	Type 22

Measurements for Span #	1		
Deck Thickness	0.312	Left Overhang	1
Top of Rail to Bottom of Beam	4.5	Right Overhang	1

Beam No	Beam Type	Spacing	Comments
1	Timber (Rectangular)	1.1979ft	JOIST IS .4792 WIDE X 1.1354 HIGH
2	Timber (Rectangular)	1.1979ft	JOIST IS .4792 WIDE X 1.1354 HIGH
3	Timber (Rectangular)	1.1979ft	JOIST IS .4792 WIDE X 1.1354 HIGH
4	Timber (Rectangular)	1.1979ft	JOIST IS .4792 WIDE X 1.1354 HIGH
5	Timber (Rectangular)	1.1979ft	JOIST IS .4792 WIDE X 1.1354 HIGH
6	Timber (Rectangular)	1.1979ft	JOIST IS .4792 WIDE X 1.1354 HIGH
7	Timber (Rectangular)	1.1979ft	JOIST IS .4792 WIDE X 1.1354 HIGH
8	Timber (Rectangular)	1.1979ft	JOIST IS .4792 WIDE X 1.1354 HIGH
9	Timber (Rectangular)	1.1979ft	JOIST IS .4792 WIDE X 1.1354 HIGH
10	Timber (Rectangular)	1.1979ft	JOIST IS .4792 WIDE X 1.1354 HIGH
11	Timber (Rectangular)	1.1979ft	JOIST IS .4792 WIDE X 1.1354 HIGH
12	Timber (Rectangular)	1.1979ft	JOIST IS .4792 WIDE X 1.1354 HIGH
13	Timber (Rectangular)	1.1979ft	JOIST IS .4792 WIDE X 1.1354 HIGH
14	Timber (Rectangular)	1.1979ft	JOIST IS .4792 WIDE X 1.1354 HIGH
15	Timber (Rectangular)	1.1979ft	JOIST IS .4792 WIDE X 1.1354 HIGH
16	Timber (Rectangular)		JOIST IS .4792 WIDE X 1.1354 HIGH

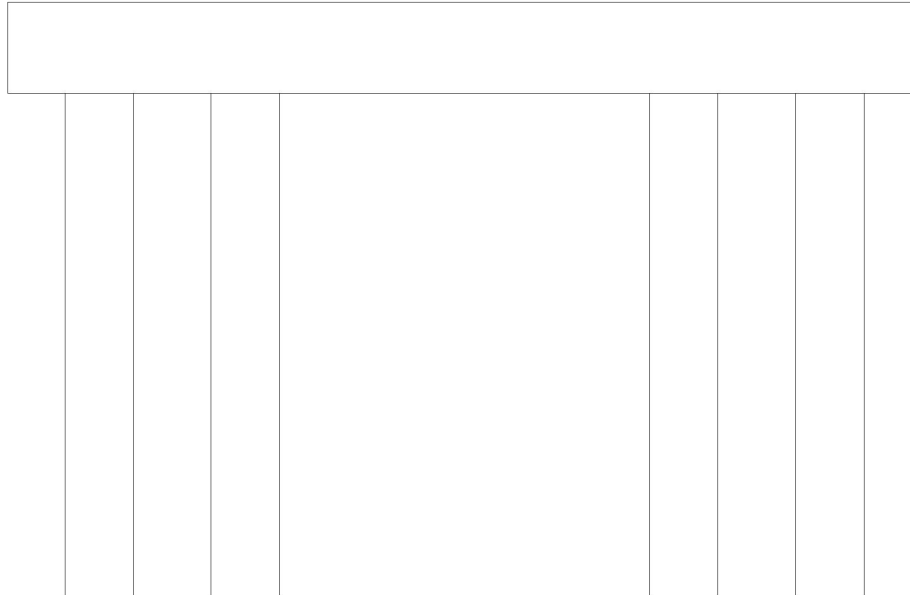
.0625 WATER LINE NAILED TO JOISTS.

SKEW 45 DEG.

Title		Description	
SUPER		SUPER	
Bridge No:	490182	Drawn By:	BARRY FOXX
Date:	1/10/2012	File Name:	S0122000288

Bridge Inspection Field Sketch

VERIFIED BY BARRY FOXX 1/10/2012



Abutment #	1		
Cap - Beam Type (Wood or Steel)			
Cap Size	24ft Long	0.812ft Wide	0.979ft High
Left Overhang	1.25ft	Lt Cap/Beam Overhang	1.250ft
Right Overhang	1.333ft	Rt Cap/Beam Overhang	1.0ft

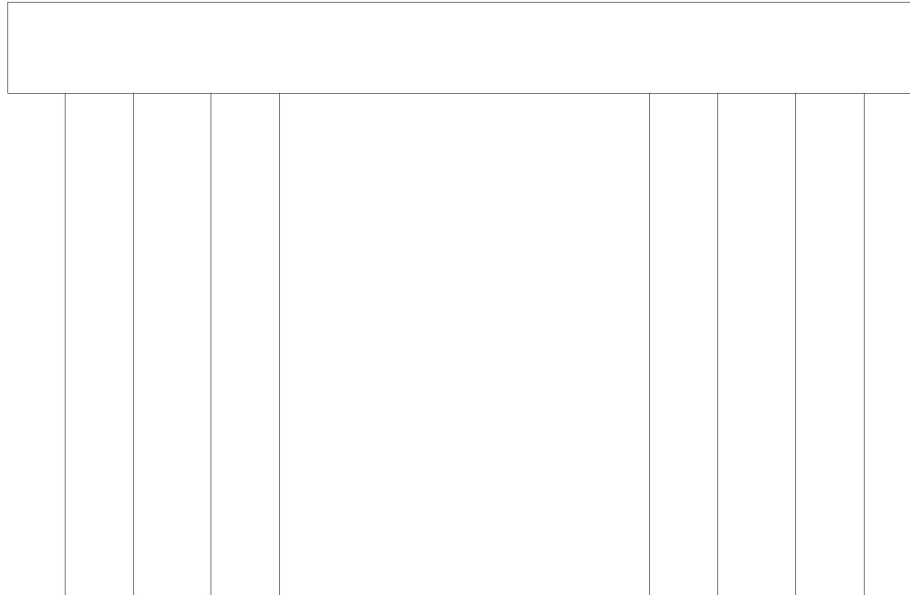
Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Post and Sills	.8333	3.750	.8125	.8125	Vertical
2	Wood or Timber	Post and Sills	3.3333	3.750	.8125	.8125	Vertical
3	Wood or Timber	Post and Sills	1.0	3.750	.8125	.9792	Vertical
4	Wood or Timber	Post and Sills	4.4167	3.750	.8125	.8125	Vertical
5	Wood or Timber	Post and Sills	.8333	3.750	.8125	.8125	Vertical
6	Wood or Timber	Post and Sills	.9167	3.750	.8125	.8125	Vertical
7	Wood or Timber	Post and Sills	3.6667	3.750	.8125	.9792	Vertical
8	Wood or Timber	Post and Sills	.9167	3.750	.8125	.9792	Vertical
9	Wood or Timber	Post and Sills	4.6667	3.750	.8125	.8125	Vertical
10	Wood or Timber	Post and Sills	.8333	3.750	.8125	.8125	Vertical
11	Wood or Timber	Post and Sills		3.750	.8125	.8125	Vertical

SUPPLEMENT POST ARE A TEMP. REPAIR.

Title		Description	
SUBSTRUCTURE		SUBSTRUCTURE	
Bridge No: 490182	Drawn By: BARRY FOXX	Date: 1/10/2012	File Name: S0122000289

Bridge Inspection Field Sketch

VERIFIED BY BARRY FOXX 1/10/2012



Abutment #	2		
Cap - Beam Type (Wood or Steel)			
Cap Size	24ft Long	0.812ft Wide	0.979ft High
Left Overhang	1.25ft	Lt Cap/Beam Overhang	1.0ft
Right Overhang	1.333ft	Rt Cap/Beam Overhang	1.0ft

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Post and Sills	.8333	3.750	.8125	.8125	Vertical
2	Wood or Timber	Post and Sills	4.6667	3.750	.8125	.8125	Vertical
3	Wood or Timber	Post and Sills	.8333	3.750	.8125	.8125	Vertical
4	Wood or Timber	Post and Sills	3.6667	3.750	.8125	.8125	Vertical
5	Wood or Timber	Post and Sills	.9167	3.750	.8125	.9792	Vertical
6	Wood or Timber	Post and Sills	.9167	3.750	.8125	.8125	Vertical
7	Wood or Timber	Post and Sills	3.6667	3.750	.8125	.9792	Vertical
8	Wood or Timber	Post and Sills	.8333	3.750	.8125	.8125	Vertical
9	Wood or Timber	Post and Sills	4.1667	3.750	.8125	.8125	Vertical
10	Wood or Timber	Post and Sills	.9167	3.750	.8125	.9792	Vertical
11	Wood or Timber	Post and Sills		3.750	.8125	.8125	Vertical

SUPPLEMENT POST ARE A TEMP. REPAIR.

Title		Description	
ABUTMENT 2		ABUTMENT 2	
Bridge No: 490182	Drawn By: BARRY FOXX	Date: 1/10/2012	File Name: S0122000290



LOOKING WEST - BRIDGE IS POSTED SV 25 TTST 39 TONS.



LOOKING UPSTREAM FROM TOP OF BRIDGE.



LOOKING DOWNSTREAM FROM TOP OF BRIDGE.



LOOKING EAST



UPSTREAM



DOWNSTREAM



REP. OF ABUTMENTS 1 AND 2. PHOTO WAS TAKEN OF ABUTMENT 2. [NOTE ALL POSTS AT BOTH ABUTMENTS HAVE TEMP. REPAIRS.]



REP. OF UNDERSIDE



UTILITY ATT. TO JOIST.



RIP RAP PLACED AT NW, CORNER.