



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION

Shored

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY ALEXANDER

BRIDGE NUMBER 010093

INSPECTION CYCLE 2 YRS

ROUTE SR1317

ACROSS LAMBERT CREEK

M.P. 0

LOCATION 0.3 MI. N. JCT. SR1318

SUPERSTRUCTURE TIMBER DECK ON I-BEAMS

SUBSTRUCTURE ABUT.1 MASS CONC.EBT.2&INT.BNT:TIM.CAP,POST&SILL,INT.BNT.

SPANS 1@25'7, 1@24'6

LONGITUDE 81° 15' 5.5"

LATITUDE 35° 56' 44.6"

PRESENT CONDITION FAIR

INVENTORY RATING HS 9.2 01

INSPECTION DATE 09/30/2010

OPERATING RATING HS 15.3 01

PRESENT POSTING SV 15 TTST 21

PROPOSED POSTING SV:15, TTST:21

COMPUTER UPDATE 11-3-10

ANALYSIS DATE 10-25-10

POSTING LETTER DATE

SUFFICIENCY RATING

OTHER SIGNS PRESENT 4 DELINEATORS, 2 NARROW BRIDGE



SOUTH TO NORTH

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: 11/03/2010

IDENTIFICATION			
(1) STATE NAME -NORTH CAROLINA	BRIDGE	010093	SUFFICIENCY RATING = 21.8
(8) STRUCTURE NUMBER(FEDERAL)	000000000030093	STATUS =	Structurally Deficient
INVENTORY ROUTE (ON/UNDER) - ON	131013170		
(2) STATE HIGHWAY DEPARTMENT DISTRICT	12		
(3) COUNTY CODE 3	(4) PLACE CODE 00000		
(6) FEATURE INTERSECTED - LAMBERT CREEK			
(7) FACILITY CARRIED SR1317			
(9) LOCATION 0.3 MI. N. JCT. SR1318			
(11)MILEPOINT	0		
(16)LAT 35° 56' 45.1"	(17)LONG 81° 15' 4.8"		
(98)BORDER BRIDGE STATE CODE	PCT SHARE		
(99)BORDER BRIDGE STRUCTURE NO			
STRUCTURE TYPE AND MATERIAL			
(43) STRUCTURE TYPE MAIN: Steel			
TYPE - Stringer Multibeam or Girder	CODE 302		
(44) STRUCTURE TYPE APPR :			
TYPE -	CODE		
(45) NUMBER OF SPANS IN MAIN UNIT	2		
(46) NUMBER OF APPROACH SPANS			
(107)DECK STRUCTURE TYPE - Timber	CODE 8		
(108)WEARING SURFACE / PROTECTIVE SYSTEM :			
(A) TYPE OF WEARING SURFACE - Timber	CODE 7		
(B) TYPE OF MEMBRANE - None	CODE 0		
(C) TYPE OF DECK PROTECTION - None	CODE 0		
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	270		
(30) YEAR OF ADT 2005	(109) TRUCK ADT PCT 6 %		
(19) BYPASS OR DETOUR LENGTH	1 MI		
GEOMETRIC DATA			
(48) LENGTH OF MAXIMUM SPAN	26 FT		
(49) STRUCTURE LENGTH	50 FT		
(50)CURB OR SIDEWALK: LEFT 0.3 FT RIGHT	0.3 FT		
(51) BRIDGE ROADWAY WIDTH CURB TO CURB	19.2 FT		
(52) DECK WIDTH OUT TO OUT	20.1 FT		
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)	18.0 FT		
(33) BRIDGE MEDIAN - No Median	CODE 0		
(34) SKEW 15° (35) STRUCTURE FLARED	NO		
(10) INVENTORY ROUTE MIN VERT CLEAR	99 FT 99 IN		
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR	19.2 FT		
(53) MIN VERT CLEAR OVER BRIDGE RDWY	99 FT 99 IN		
(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad			
(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad	99.9 FT		
(56) MIN LAT UNDERCLEAR LT REF -	0.0 FT		
NAVIGATION DATA			
(38) NAVIGATION CONTROL - No Navigational Control	CODE 0		
(111)PIER PROTECTION - Not Applicable	CODE		
(39) NAVIGATION VERTICAL CLEARANCE	0		
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR			
(40) NAVIGATION HORIZONTAL CLEARANCE	0		
CLASSIFICATION			
(112)NBIS BRIDGE SYSTEM -	YES		
(104)HIGHWAY SYSTEM NON NHS Route	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 - 2-way Traffic	2		
(103)TEMPORARY STRUCTURE - Temporary	T		
(110)DESIGNATED NATIONAL NETWORK - Not Part of	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	6		
(59) SUPERSTRUCTURE	6		
(60) SUBSTRUCTURE	5		
(61) CHANNEL & CHANNEL PROTECTION	5		
(62) CULVERTS	N		
LOAD RATING AND POSTING			
(31) DESIGN LOAD Other or Unknown	0		
(64) OPERATING RATING - HS-1	101		
(66) INVENTORY RATING - HS-1	101		
(70) BRIDGE POSTING - Posting Required	0		
(41) STRUCTURE OPEN, POSTED ,OR CLOSED	P		
DESCRIPTION - Posted for Load			
APPRAISAL			
(67) STRUCTURAL EVALUATION	2		
(68) DECK GEOMETRY	3		
(69) UNDERCLEARANCES,VERTI & HORIZ	N		
(71) WATERWAY ADEQUACY	7		
(72) APPROACH ROADWAY ALIGNMENT	7		
(36) TRAFFIC SAFETY FEATURES	0000		
(113)SCOUR CRITICAL BRIDGES	U		
SCOUR PLAN OF ACTION			
PROPOSED IMPROVEMENTS			
(75) TYPE OF WORK -	CODE		
(76) LENGTH OF STRUCTURE IMPROVEMENT	0 FT		
(94) BRIDGE IMPROVEMENT COST			
(95) ROADWAY IMPROVEMENT COST			
(96) TOTAL PROJECT COST			
(97) YEAR OF IMPROVEMENT COST ESTIMATE	20		
(114)FUTURE ADT 540	(115) YEAR FUTURE ADT 2025		
INSPECTIONS			
(90) INSPECTION DATE	09/30/2010		
(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			

BRIDGE MANAGEMENT UNIT
DATA ON EXISTING STRUCTURE

Run Date: 11/03/2010

COUNTY : ALEXANDER		DIV : 12		DIST : 2		STRUCTURE NUMBER : 010093		LENGTH : 50 FEET	
ROUTE CARRIED : SR1317				FEATURE INTERSECTED : LAMBERT CREEK					
LOCATED : 0.3 MI. N. JCT. SR1318				BRIDGE NAME :				CITY :	
FUNC. CLASS : 09		SYST.ON : NFA		SYST.UNDER : NFA		ADT & YR : 270 2005		RAIL TYPE : LT 227 RT 227	
BUILT : 1961		BY : BMU		PROJ :		FED.AID PROJ :		DESIGN LOAD : Other or Unknown	
REHAB :		BY :		PROJ :		ALIGNMENT : TAN		SKEW : 105	
								LANES : ON 2 UNDER	
NAVIGATION : VC 0.0 FT HC 0.0 FT				HT. CRN. TO BED : 18 FT				WATER DEPTH : 1 FT	
SUPERSTRUCTURE : TIMBER DECK ON I-BEAMS									
SUBSTRUCTURE : ABUT.1 MASS CONC.EBT.2&INT.BNT:TIM.CAP,POST&SILL,INT.BNT.									
SPANS : 1@25'7, 1@24'6									
BEAMS OR GIRDERS : 8 LNS. OF W12X27 I-BMS. @ 2'7 CTRS.									
FLOOR : 700		ENCROACHMENT :				DECK (OUT TO OUT) : 20.1 FT			
CLEAR ROADWAY : 19.2 FT		BETWEEN RAILS : 19.8 FT				SIDEWALK OR CURB : LT 0.3 FT RT 0.3 FT			
VERT.CL.OVER : 99 FT 99 IN		VERT.CL.UNDER : 00 FT 00 IN		HOR.CL.UNDER : 0.0 FT					
INV.RTG. : HS-1		OPE.RTG. : HS-1		CONTR.MEMBER : Int.bms		POSTED : SV 15		TTST 21 DATE 03/06/2009	
SYSTEM : Secondary S.R. Route						GREEN LINE ROUTE : N			
2ND OPENING :		3RD OPENING :		4TH OPENING :		5TH OPENING :			
REMARKS :									

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

BRIDGE: 010093 COUNTY: Alexander DATE: 2/2/09

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	<u>T</u>	<u>TSC</u>
S I & A ITEM 59 - SUPERSTRUCTURE		
S I & A ITEM 60 - SUBSTRUCTURE	<u>4</u>	<u>TSC 2/4/09</u>
S I & A ITEM 64 OPERATING RATING		
HS <u>0.0</u> BY: <u>AK</u>		
S I & A ITEM 66 - INVENTORY RATING		
HS <u>0.0</u> BY: <u>AK</u>		

COMMENTS

posts 283 at abut. 2 supplemented.

BRIDGE INSPECTION RECORD AND SUMMARY

INSPECTION TYPE Routine Inspection
 BRIDGE NO. 010093 COUNTY ALEXANDER ROUTE SR1317 OVER LAMBERT CREEK
 STRUCTURE TYPE TIMBER DECK ON I-BEAMS
 ROUTE ORIENTATION S - N SPANS 1@25'7, 1@24'6

EVALUATION CODE: 0-2 CRITICAL, 3 & 4 POOR, 5 & 6 FAIR, 7-9 GOOD

INSPECTION ITEM				ITEM 61			
DECK ITEMS			GRADES				
1. WEARING SURFACE			6	45. CHANNEL & CHANNEL PROT.	a. WATERWAY	5	
					b. ALIGNMENT	7	
					c. SCOUR	6	
					d. SLOPE PROT., RIP-RAP, DIKES, ETC.		
2. DECK NO. OF EA TYPE SPN GRADE RATES SI & A ITEM 58	a. CONCRETE			50. APPROACH ROADWAY CONDITION			5
	b. TIMBER	2	7	51. APPROACH SLABS			
	c. STEEL PLANK			52. PAINT SYSTEM CODE A			5
	d. OPEN GRID			53. UTILITIES			
3. RAILING	a. CONCRETE			54. RESPONSE TO LIVE LOAD			7
	b. TIMBER		7	55. ESTIMATED REMAINING LIFE			20
	c. ALUMINUM						
	d. STEEL						
4. CURBS, WHEELGUARDS, PARAPETS, MEDIANS			7	60. REGULATORY SIGN NOTICE ISSUED			NO
5. WALKWAYS (ON OR ATTACHED TO STRUCTURE)				61. PROMPT-ACTION NOTICE ISSUED			NO
6. DECK EXP JTS. OR DEVICES. NO. OF EACH	a. STEEL PL OR FINGER			62. PRESENTLY POSTED			YES
	b. MISC PREFAB			63. TOT. FIELD INSP TIME (INCLUDE WRITE UP)(MAN HR)			6
	c. COMPRESSION SEAL			64. TOTAL SNOOPER INSP. TIME (HRS)			0
	d. STANDARD JOINTS			65. TOTAL TRAFFIC CONTROL TIME (MAN HRS)			0
	e. OPEN JOINTS						
7. DECK DEBRIS (INCLUDES EXCESS SAND/GRAVEL)			7	70. SI&A GENERAL CONDITION RATINGS			
SUPER STR. (FM. 1 (90)B TRUSS) ITEM 59				a. DECK	ITEM 58	6	
10. LONGITUDINAL BEAMS OR GIRDERS			6	b. SUPERSTRUCTURE	ITEM 59	6	
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				71. SI&A FIELD APPRAISAL RATINGS			
14. FLOOR BEAMS AND CONNECTIONS				a. WATERWAY ADAQUACY		7	
15. BEARING ASSEMBLIES (INCLUDING MISALIGN)			6	b. APPR. RDWY. ALIGNMENT		7	
16. DRAINAGE SYSTEM (ON STRUCTURE)			7				
17. MOVABLE SPAN MACHINERY				72. FIELD SCOUR EVALUATION			L
SUB STR. ITEMS. ITEM 60 (INCLUDE SCOUR)				USE OF INSP. ACCESSIBILITY EQUIPMENT			
35. TIM SUB STR.	a. ABUT. & INT. BENT CAPS & RISERS		6	SNOOPER (CODE S, 4, OR N) HRS			NO
	b. PILES, POST, SILLS, & BRACING		7	LADDER			YES
	c. BULKHEADS, WING'S, & TIE BACKS		7	BUCKET TRUCK			NO
36. CONC SUB STR.	a. ABUT. & INT. BENT CAPS		7	BOAT			NO
	b. ABUT. & BENT COL'S BREASTWALLS		6	OTHER			NO
	c. ABUT. & INT. BENT PILES						
	d. BACKWALLS, WING'S, RETAIN. WALLS		7				
	e. ABUT. & BENT FOOTINGS & SILLS		5				
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: <i>NYH</i>			
41. DRIFT			5	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 MAX FORD			
Assisted By RAP			
Item No.	Grade		
1	6	TRANSVERSE CRACKS IN A.W.S.ALONG BOARD JOINTS.	
10	6	SEE PAINT SYSTEM.	
15	6	RUST, SCALE AND +/- 1/8 INCH SECTION LOSS TO ALL VISIBLE PORTIONS OF EXTERIOR BEARING PLATES AT ABUT. B.	
52	5	SURFACE RUST AND SCALE FORMING ALONG ALL BEAMS. +/- 1/16 INCH PITTING ALONG EDGES OF BEAM FLANGES.	
35a	6	CENTER DECAY IN LT. END OF ABUT. B CAP MEASURES 40 PERCENT, AND EXTENDS 5 TO 6 INCHES INTO END. BEARING NOT ADVERSELY AFFECTED AT THIS TIME.	
36b	6	SEVERAL H/L TO 1/4 INCH LONGITUDINAL CRACKS IN FACE OF ABUT. A BREASTWALL.	
36e	5	CONCRETE FTG. AT PIER; WORN ALONG SIDES WITH RANDOM H/L TO 1/16 INCH CRACKS, AND A FEW 6 TO 8 INCH DIAM. SURFACE SPALLS UP TO 1 INCH DEEP.	
41	5	DRIFT (15 FT. LONG BY 5 FT. HIGH) AT PIER.	
45a	5	DRIFT AT PIER	
45c	6	FOOTINGS EXPOSED.	
50	5	SEVERAL POT HOLES ACROSS EACH APPROACH	

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 010093

County ALEXANDER

Date: 09/30/2010

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	140	TRANSVERSE CRACKS IN A.W.S.ALONG BOARD JOINTS.	
3334	Bridge Bearings	EA	2	SEVERAL POT HOLES ACROSS EACH APPROACH. RUST, SCALE AND +/- 1/8 INCH SECTION LOSS TO ALL VISIBLE PORTIONS OF EXTERIOR BEARING PLATES AT ABUT. B.	
3342	Clean and Paint Structural Steel	SF	1800	SURFACE RUST AND SCALE FORMING ALONG ALL BEAMS. +/- 1/16 INCH PITTING ALONG EDGES OF BEAM FLANGES.	
3348	Maintain Concrete Substructure Components	LF	25	CONCRETE FTG. AT PIER; WORN ALONG SIDES WITH RANDOM H/L TO 1/16 INCH CRACKS, AND A FEW 6 TO 8 INCH DIAM. SURFACE SPALLS UP TO 1 INCH DEEP.	
3366	Drift and Debris Removal	HR	20	DRIFT (15 FT. LONG BY 5 FT. HIGH) AT PIER.	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined



TRANSVERSE CRACKS IN A.W.S.ALONG BOARD JOINTS.



SEVERAL POT HOLES ACROSS EACH APPROACH



DRIFT (15 FT. LONG BY 5 FT. HIGH) AT PIER.



SEVERAL H/L TO 1/4 INCH LONGITUDINAL CRACKS IN FACE OF ABUT. A BREASTWALL.



CONCRETE FTG. AT PIER; WORN ALONG SIDES WITH RANDOM H/L TO 1/16 INCH CRACKS, AND A FEW 6 TO 8 INCH DIAM. SURFACE SPALLS UP TO 1 INCH DEEP.



SURFACE RUST AND SCALE FORMING ALONG ALL BEAMS. +/- 1/16 INCH PITTING ALONG EDGES OF BEAM FLANGES.



RUST, SCALE AND +/- 1/8 INCH SECTION LOSS TO ALL VISIBLE PORTIONS OF EXTERIOR BEARING PLATES
AT ABUT. B.



CENTER DECAY AND CHECKING IN LT. END OF ABUT. B CAP MEASURES 40 PERCENT, AND EXTENDS 5 TO 6 INCHES INTO END. BEARING NOT ADVERSELY AFFECTED.

Structure Data Worksheet

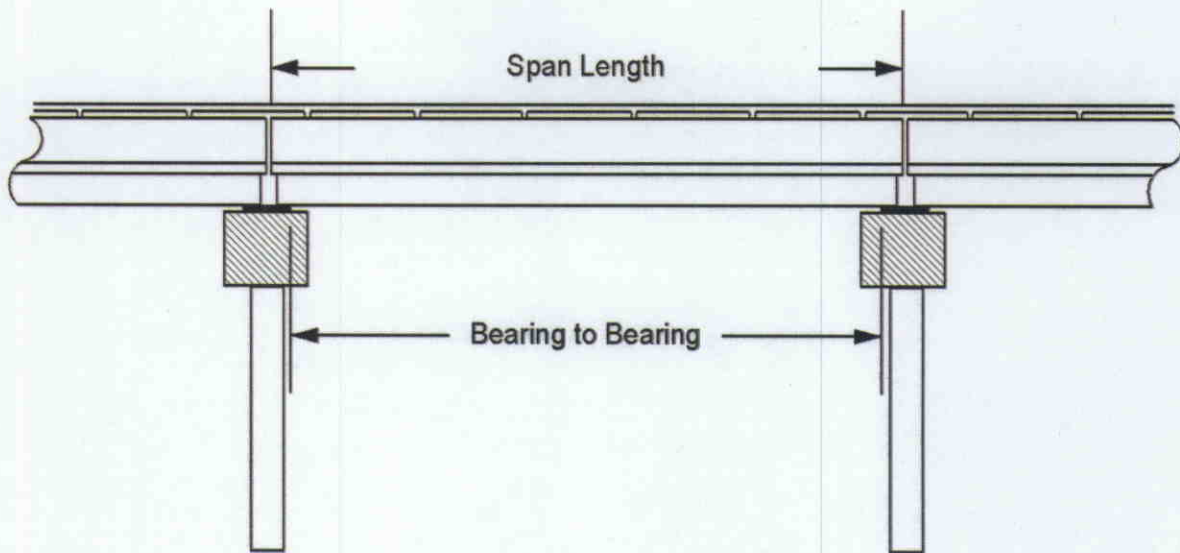
Spans

County: ALEXANDER

Structure No: 010093

Date: 09/30/2010

Inspected By: MF



Span No	Span Length	Bearing to Bearing	Comments
1	25.583	24.25	
2	24.5	24	

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 010093 County: ALEXANDER Date: 09/30/2010 By: MF

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	3	TOP OF FILLFACE			
0.49	3	TOP OF FILLFACE			
0.5	4.6	Top of Cap			
1.49	4.6	Top of Cap			
1.5	15.4	TOP OF FTG	1.5	15.1	FACE OF ABUT
1.99	15.4	TOP OF FTG			
2	18.3	FACE OF FOOTING			
12	20	WSWE			
17	21.4	BED FLOW EAST			
25.6	20	Pier	25.6	23.7	Pier
28	20.5	BED			
30	20	WSWE			
49.8	10.5	FACE OF ABUT	49.8	11	FACE OF ABUT
49.81	4.6	Top of Cap			
49.82	3	TOP OF FILLFACE			
50.1	3	TOP OF FILLFACE			

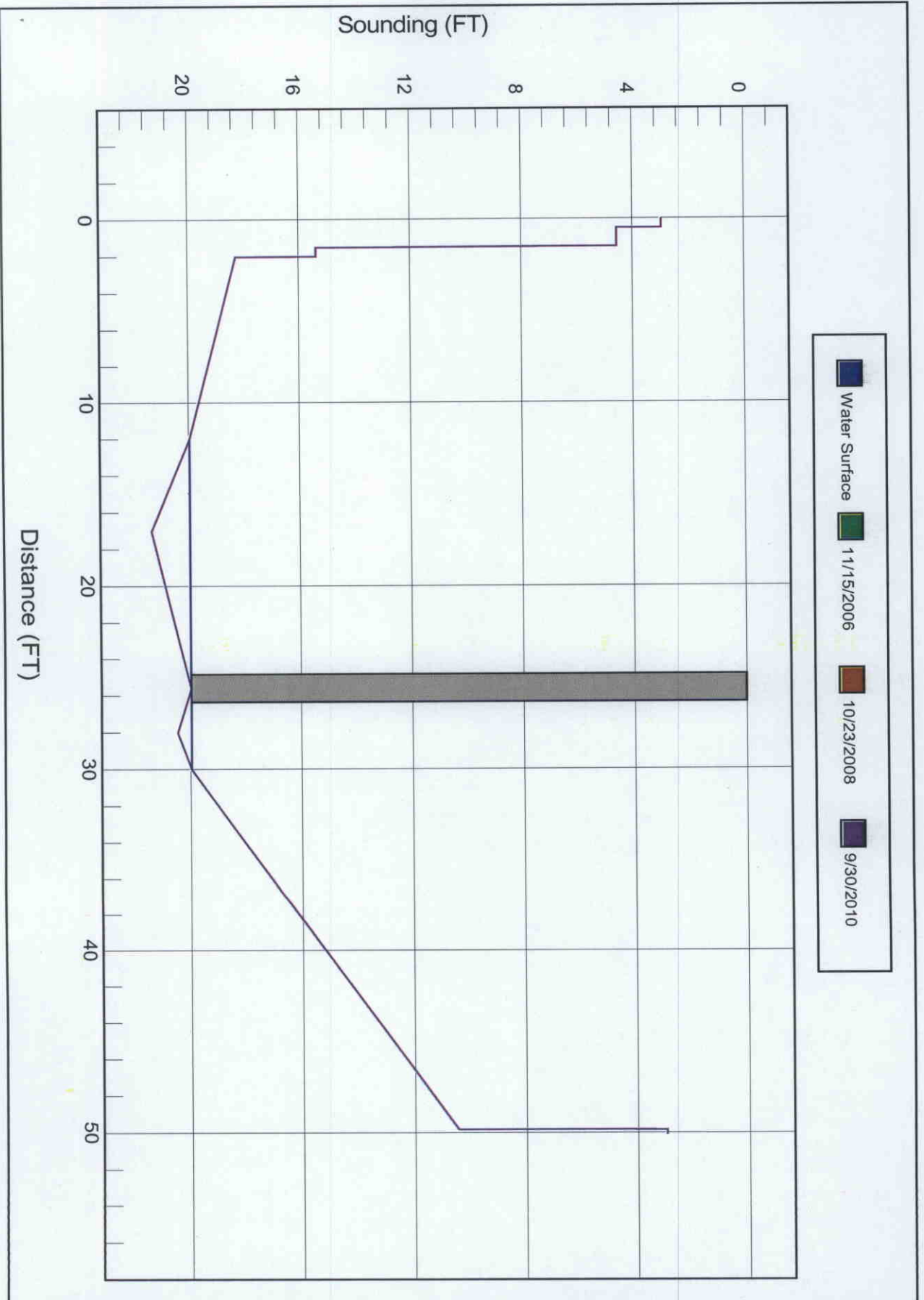
Bridge: 010093

County ALEXANDER

Date: 09/30/2010

Top of Rail = 0 FT (Sounding)

STREAMBED PROFILE (Downstream)



Bridge Inspection Field Sketch

VERIFIED 9/30/10 R.A. PIERCE, M. FORD

S.R. 1317

LOOKING NORTH

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

Title

APPR. RDWY.

Description

APPR. RDWY.

Bridge No: 010093

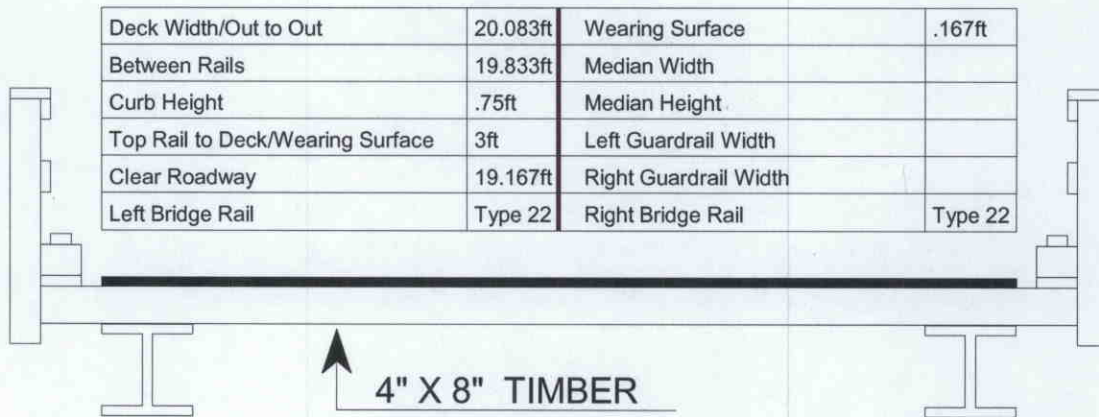
Drawn By: RAP

Date: 10/23/08

File Name: S0000001094

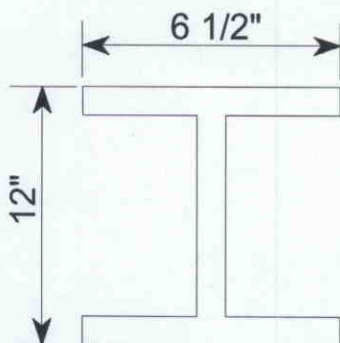
Bridge Inspection Field Sketch

VERIFIED 9/30/10 R.A. PIERCE, M. FORD



Measurements for Span #	1		
Deck Thickness	0.333	Left Overhang	1
Top of Rail to Bottom of Beam	4.583	Right Overhang	1

Beam No	Beam Type	Spacing	Comments
1	Steel I Beam	2.583ft	BOTH SPANS SIMILAR
2	Steel I Beam	2.583ft	
3	Steel I Beam	2.583ft	
4	Steel I Beam	2.583ft	
5	Steel I Beam	2.583ft	
6	Steel I Beam	2.583ft	
7	Steel I Beam	2.583ft	
8	Steel I Beam		



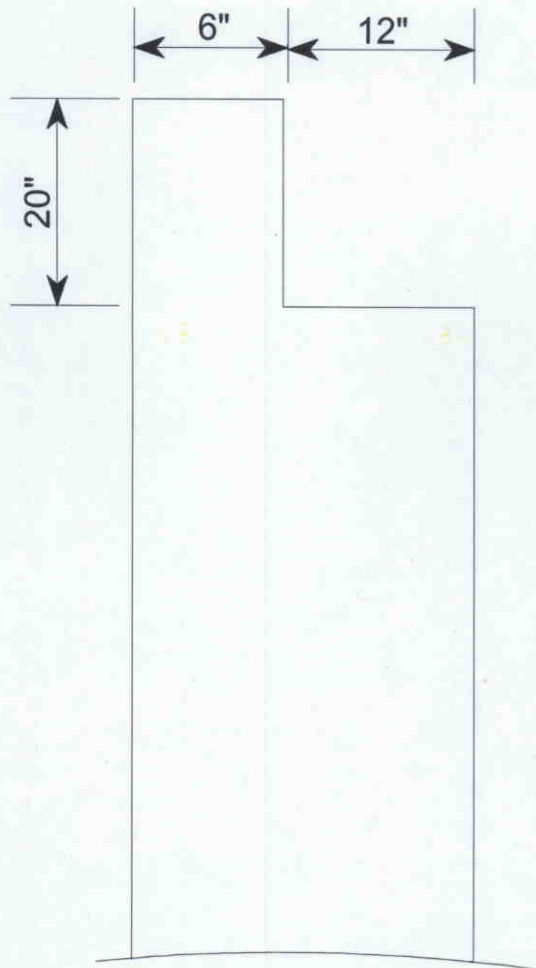
FLANGE THICKNESS: 5/16"
 WEB THICKNESS: 1/4"

Title SUPER.		Description DECK SECTION	
Bridge No: 010093	Drawn By: RAP	Date: 10/23/08	File Name: S0000001095

Bridge Inspection Field Sketch

VERIFIED 9/30/10 R.A. PIERCE, M. FORD

BM. OUT LT. & RT. 12"



SIDE VIEW CONC. ABUTS.

Title

SUBST. 1

Description

ABUT. # 1

Bridge No: 010093

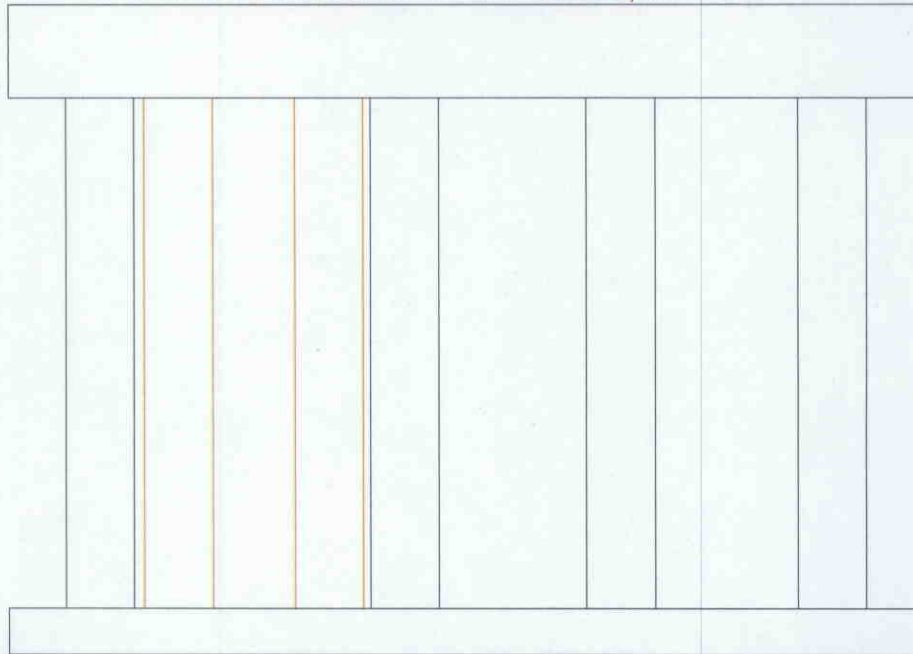
Drawn By: RAP

Date: 10/23/08

File Name: S0000001096

Bridge Inspection Field Sketch

VERIFIED 9/30/10 R.A. PIERCE, M. FORD



Abutment #	2		
Cap - Beam Type (Wood or Steel)			
Cap Size	20ft Long	0.833ft Wide	0.979ft High
Left Overhang	1ft	Lt Cap/Beam Overhang	0.75ft
Right Overhang	1ft	Rt Cap/Beam Overhang	0.667ft
Sill - Sill			
Sill Size	20ft Long	0.833ft Wide	0.833ft High

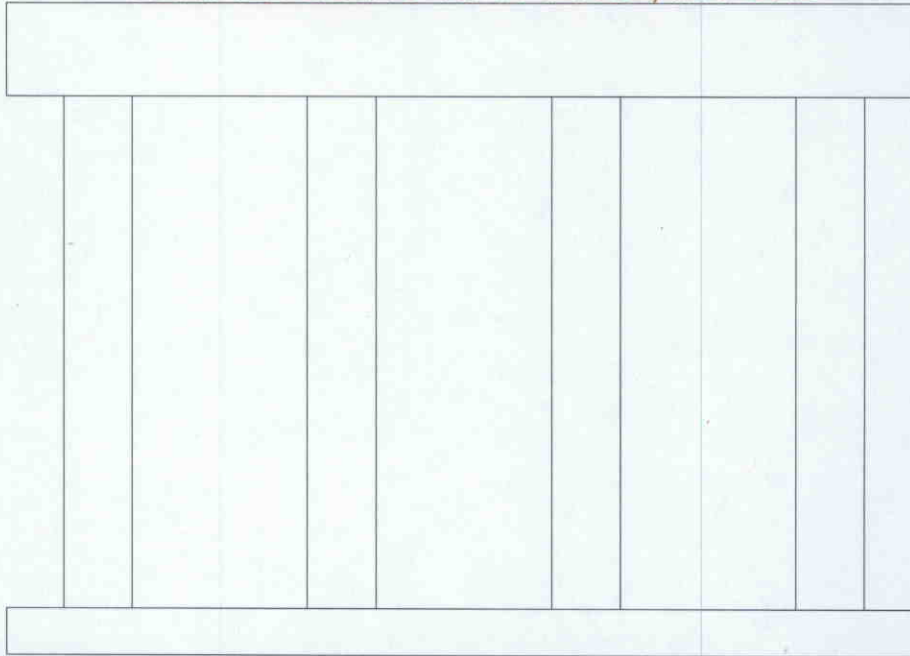
Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Post and Sills	0.833		0.972	0.833	Vertical
2	Wood or Timber	Post and Sills	5.167		0.833	1	Vertical
3	Wood or Timber	Post and Sills	0.833		0.833	0.833	Vertical
4	Wood or Timber	Post and Sills	6		0.972	0.833	Vertical
5	Wood or Timber	Post and Sills	6		0.972	0.833	Vertical
6	Wood or Timber	Post and Sills				0.833	Vertical

POST # 2 & 3 ARE SUPPLIMENTS.

Title SUBST. 2		Description ABUT. # 2	
Bridge No: 010093	Drawn By: RAP	Date: 10/23/08	File Name: S0138001821

Bridge Inspection Field Sketch

VERIFIED 9/30/10 R.A. PIERCE, M. FORD



Bent #	1		
Cap - Beam Type (Wood or Steel)			
Cap Size	22ft Long	.833ft Wide	0.979ft High
Left Overhang	2ft	Lt Cap/Beam Overhang	1.333ft
Right Overhang	2ft	Rt Cap/Beam Overhang	1.25ft
Sill - Sill			
Sill Size	22ft Long	0.833ft Wide	0.833ft High

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Post and Sills	6		0.792	0.833	Vertical
2	Wood or Timber	Post and Sills	6		0.792	0.833	Vertical
3	Wood or Timber	Post and Sills	6		0.792	0.833	Vertical
4	Wood or Timber	Post and Sills			0.792	0.833	Vertical

SILL PLACED ON R.C. FTG.

Title

SUBST. 3

Description

PIER

Bridge No: 010093

Drawn By: RAP

Date: 10/23/08

File Name: S0138001822



LOOKING SOUTH



UPSTREAM



DOWNSTREAM



SOUTH TO NORTH



WEST PROFILE



ABUT. A



ABUT. B



SOUTH FACE OF PIER



EAST PROFILE