



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION

TEMPORARY REPAIRS

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY GUILFORD BRIDGE NUMBER 400258 INSPECTION CYCLE 2 YRS
ROUTE SR3351 ACROSS S.PRONG STINKING QUARTER M.P. 0

LOCATION 0.4 MI. NE. JCT. SR3346

SUPERSTRUCTURE TIMBER DECK ON TIMBER JOISTS

SUBSTRUCTURE END & INT.BENTS:TIMBER CAPS,POSTS & PILES,CONCRETE ENCASED

SPANS 2@17'9"

LONGITUDE 79° 33' 18.80"

LATITUDE 35° 54' 33.55"

INSPECTION DATE 02/20/2013

PRESENT CONDITION FAIR

PRESENT POSTING Y SV 26 TTST LGW PROPOSED POSTING _____

OTHER SIGNS PRESENT 4 DELINEATORS



LOOKING SOUTH

Fracture Critical	<u>No</u>
Temporary Shoring	<u>No</u>
Scour Critical	<u>No</u>
Scour POA	<u>Yes</u>

SIGN NOTICE ISSUED FOR		NUMBERED REQUIRED
<u>No</u>	WEIGHT LIMIT	_____
<u>No</u>	DELINEATORS	_____
<u>No</u>	NARROW BRIDGE	_____
<u>No</u>	ONE LANE BRIDGE	_____
<u>No</u>	LOW CLEARANCE	_____

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

BRIDGE: **400258** County **Guilford** DATE: **3/14/2013**

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	T	TSE
S I & A ITEM 59 - SUPERSTRUCTURE		
S I & A ITEM 60 - SUBSTRUCTURE	3	TSE
S I & A ITEM 64 OPERATING RATING	HS 01	BY: 3/14/13
S I & A ITEM 66 - INVENTORY RATING	HS 01	BY:

COMMENTS

Some piles have been supplemented and all are encased with concrete.

Temporary Repairs

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

Run Date: 03/15/2013

IDENTIFICATION							
(1) STATE NAME -NORTH CAROLINA	BRIDGE	400258		SUFFICIENCY RATING =		37.83	
(8) STRUCTURE NUMBER(FEDERAL)		00000000810258		STATUS =	Structurally Deficient		
(5) INVENTORY ROUTE (ON/UNDER) - ON		31033510					
(2) STATE HIGHWAY DEPARTMENT DISTRICT		2		CLASSIFICATION		CODE	
(3) COUNTY CODE 81 (4) PLACE CODE		0		(112)NBIS BRIDGE SYSTEM -		YES	
(6) FEATURE INTERSECTED - S.PRONG STINKING QUARTER				(104)HIGHWAY SYSTEM Is not on NHS		0	
(7) FACILITY CARRIED SR3351				(26) FUNCTIONAL CLASS - Local		09	
(9) LOCATION 0.4 MI. NE. JCT. SR3346				(100)STRAHNET HIGHWAY - Not a STRAHNET Route		0	
(11)MILEPOINT		0		(101)PARALLEL STRUCTURE - No Parallel Structure		N	
(16)LAT 35° 54' 33.55" (17)LONG 79° 33' 18.80"				(102)DIRECTION OF TRAFFIC - 2-way Traffic		2	
(98)BORDER BRIDGE STATE CODE	PCT SHARE			(103)TEMPORARY STRUCTURE - Temporary Structure/Conditions		T	
(99)BORDER BRIDGE STRUCTURE NO				(110)DESIGNATED NATIONAL NETWORK - Not on the National Network		0	
STRUCTURE TYPE AND MATERIAL				(20) TOLL	On Free Road	3	
(43) STRUCTURE TYPE MAIN: Wood or Timber				(31) MAINTAIN - State Highway Agency		01	
TYPE - Stringer Multibeam or Girder	CODE	702		(22) OWNER - State Highway Agency		01	
(44) STRUCTURE TYPE APPR :				(37) HISTORICAL SIGNIFICANCE - Not Eligible		5	
TYPE -	CODE	0		CONDITION		CODE	
(45) NUMBER OF SPANS IN MAIN UNIT		2		(58) DECK		6	
(46) NUMBER OF APPROACH SPANS		0		(59) SUPERSTRUCTURE		6	
(107)DECK STRUCTURE TYPE - 8	CODE			(60) SUBSTRUCTURE		3	
(108)WEARING SURFACE / PROTECTIVE SYSTEM :				(61) CHANNEL & CHANNEL PROTECTION		7	
(A) TYPE OF WEARING SURFACE -	CODE			(62) CULVERTS		N	
(B) TYPE OF MEMBRANE -	CODE			LOAD RATING AND POSTING		CODE	
(C) TYPE OF DECK PROTECTION -	CODE			(31) DESIGN LOAD	Unknown	0	
AGE AND SERVICE				(63) OPERATING RATING METHOD -	Allowable Stress		
(27) YEAR BUILT		1954		(64) OPERATING RATING -	HS-1	201	
(106)YEAR RECONSTRUCTED		1984		(65) INVENTORY RATING METHOD -	Allowable Stress		
(42) TYPE OF SERVICE : ON - Highway				(66) INVENTORY RATING -	HS-1	201	
UNDER - Waterway	CODE	15		(70) BRIDGE POSTING -	Posting Required	3	
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE		0		(41) STRUCTURE OPEN, POSTED ,OR CLOSED		P	
(29) AVERAGE DAILY TRAFFIC		210		DESCRIPTION -	Posted for Load		
(30) YEAR OF ADT 2011 (109) TRUCK ADT PCT		6%		APPRAISAL		CODE	
(19) BYPASS OR DETOUR LENGTH		2 MI		(67) STRUCTURAL EVALUATION		3	
GEOMETRIC DATA				(68) DECK GEOMETRY		5	
(48) LENGTH OF MAXIMUM SPAN		17 FT		(69) UNDERCLEARANCES,VERTI & HORIZ		N	
(49) STRUCTURE LENGTH		36 FT		(71) WATERWAY ADEQUACY		7	
(50)CURB OR SIDEWALK: LEFT .333 FT RIGHT .333 FT				(72) APPROACH ROADWAY ALIGNMENT		8	
(51) BRIDGE ROADWAY WIDTH CURB TO CURB		25.167 FT		(36) TRAFFIC SAFETY FEATURES		0000	
(52) DECK WIDTH OUT TO OUT		26.5 FT		(113)SCOUR CRITICAL BRIDGES		U	
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)		19 FT		PROPOSED IMPROVEMENTS		CODE	
(33) BRIDGE MEDIAN - No Median	CODE	0		(75) TYPE OF WORK -			
(34) SKEW 0° (35) STRUCTURE FLARED		0		(76) LENGTH OF STRUCTURE IMPROVEMENT			
(10) INVENTORY ROUTE MIN VERT CLEAR		999.9 FT		(94) BRIDGE IMPROVEMENT COST			
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR		25.167 FT		(95) ROADWAY IMPROVEMENT COST			
(53) MIN VERT CLEAR OVER BRIDGE RDWY		999.9 FT		(96) TOTAL PROJECT COST			
(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad		0 FT		(97) YEAR OF IMPROVEMENT COST ESTIMATE			
(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad		000 FT		(114)FUTURE ADT 520 (115) YEAR FUTURE ADT		2025	
(56) MIN LAT UNDERCLEAR LT REF -		000 FT		INSPECTIONS			
NAVIGATION DATA				(90) INSPECTION DATE		02/20/2013	
(38) NAVIGATION CONTROL - No Navigational Control	CODE	0		(92) CRITICAL FEATURE INSPECTION :		(93) CFI DATE	
(111)PIER PROTECTION -	CODE			A) FRACTURE CRIT DETAIL -	NO	A)	
(39) NAVIGATION VERTICAL CLEARANCE		0		B) UNDERWATER INSP -	NO	B)	
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR	FT			C) OTHER SPECIAL INSP	NO	C)	
(40) NAVIGATION HORIZONTAL CLEARANCE		0 FT		SCOUR			

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 03/15/2013

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :	
GUILFORD	7	2	400258	36	FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
SR3351	S.PRONG STINKING QUARTER

LOCATED :	BRIDGE NAME :	CITY :
0.4 MI. NE. JCT. SR3346		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
09	NFA	NFA	210 2011	LT 227 RT 227

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

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :		
1984	BMU		TAN	90	ON 2	UNDER	0

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

SUPERSTRUCTURE : TIMBER DECK ON TIMBER JOISTS

SUBSTRUCTURE : END & INT.BENTS:TIMBER CAPS,POSTS & PILES,CONCRETE ENCASED

SPANS : 2@17'9"

BEAMS OR GIRDERS : SP#1:26LNS,SP#2:25LNS 6"X12" TIMBER JOISTS @ VARIOUS CENTERS

FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
4X12"TIM, 3"AWS		26.5 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
25.167 FT	25.833 FT	LT .333 FT RT .333 FT

VERT.CL.OVER :
999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :				
HS-1	HS-1	Joist	SV 24	TTST 39	DATE	03/07/2013	

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. 400258 COUNTY GUILFORD ROUTE SR3351 OVER S.PRONG STINKING QUARTER
 STRUCTURE TYPE TIMBER DECK ON TIMBER JOISTS
 ROUTE ORIENTATION S - N SPANS 2@17'9"

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			F	45. CHANNEL & CHANNEL PROT.	a. WATERWAY	G	
					b. ALIGNMENT	G	
					c. SCOUR	G	
					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			F
	b. TIMBER	1	F	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		F	55. ESTIMATED REMAINING LIFE			4
	c. ALUMINUM						
	d. STEEL						
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			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	6	
10. LONGITUDINAL BEAMS OR GIRDERS				b. SUPERSTRUCTURE	ITEM 59	6	
11. LONGITUDINAL JOIST OR STRINGERS			F	c. SUBSTRUCTURE	ITEM 60	5	
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		8	
17. MOVABLE SPAN MACHINERY							
				72. FIELD SCOUR EVALUATION			G
SUB STR. ITEMS. ITEM 60 (INCLUDE SCOUR)							
35. TIM SUB STR.	a. ABUT. & INT. BENT CAPS & RISERS		F	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		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		F				
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:	R. A. Allen		
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 RICK ALLRED			
Assisted By MATT WALKER			
Item No.	Grade		
1	F	WEARING SURFACEWEARING SURFACE CRACKED ALONG SEVERAL FLOORBOARDS.	
2b	F	FLOORBOARDS DISCOLERED IN SPOTS	
3b	F	WEATHERCRACKING	
4	F	WHEELGUARDSSPAN 2 RIGHT WHEEL GUARD HAS WEATHERING CRACKS ON TOP. ALL OTHER WHEEL GUARDS SIMILAR.	
10A	NO	NO CURVED GIRDERS	
11	F	DISCOLORED IN SPOTS	
35a	F	CAPSABUTMENT 2 CAP ON RIGHT END DECAYING ALONG TOP AND FRONT FACE' TOP 12"W X 4" HIGH X 10" DEEP . CAP WAS CORED UNDERNEATH EXTERIOR JOIST, NO ADDITIONAL DECAY FOUND.	
35b	F	ALL CAPS WEATHER CRACKING ON FACE. PILES..... REPLACEMENT PILE 7 @ ABUTMENT 1 DECAYING AT BOTTOM 4" WIDE X 6" HIGH X 1 1/2" DEEP. END BENT 1 PILE 3 IS DECAYED , PILE HAS BEEN PLACED BESIDE ALL PILES WEATHER CRACKING. TEMP. REPAIR, PILE 7 @ END BENT 1 TEMP. REPAIR, PILE 3 @ END BENT 1 BULKHEAD BULKHEADS HAVE BEEN REPAIRED	
35c	G		

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 RICK ALLRED			
Assisted By MATT WALKER			
Item No.	Grade		
36e	F	SILLSEND BENT 1 CONCRETE SILL DELAMINATED AND SURFACE SPALLING FROM PILE 5 TO RIGHT END. CONCRETE SILL IN END BENT 1 DETERIORATING AND SPALLING ON SURFACE BETWEEN PILE 2 AND 3. INTERIOR BENT CONCRETE SILL MAP CRACKED DELAMINATED AND SURFACE SPALLING ON SOUTH FACE NEAR PILE 5, SIMILAR ON SOUTH FACE FROM END TO END AND DELAMINATED ON NORTH FACE.	
45c	G	SEE SCOUR ASSESSMENT	
50	F	APPROACHES.....SOUTH APPROACH SETTLED 1/2 INCH. NORTH APPROACH SETTLED 1/2 INCH.	
62	YES	26 /LGW	

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 400258

County GUILFORD

Date: 02/20/2013

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
3344	Repair / Replace Timber Substructure Components	LF	15	CAPSABUTMENT 2 CAP ON RIGHT END DECAYING ALONG TOP AND FRONT FACE' TOP 12"W X 4" HIGH X 10" DEEP . CAP WAS CORED UNDERNEATH EXTERIOR JOIST, NO ADDITIONAL DECAY FOUND.REPLACEMENT PILE 7 @ ABUTMENT 1 DECAYING AT BOTTOM 4" WIDE X 6" HIGH X 1 1/2" DEEP.	
3348	Maintain Concrete Substructure Components	LF	30	SILLSEND BENT 1 CONCRETE SILL DELAMINATED AND SURFACE SPALLING FROM PILE 5 TO RIGHT END. CONCRETE SILL IN END BENT 1 DETERIORATING AND SPALLING ON SURFACE BETWEEN PILE 2 AND 3. INTERIOR BENT CONCRETE SILL MAP CRACKED DELAMINATED AND SURFACE SPALLING ON SOUTH FACE NEAR PILE 5, SIMILAR ON SOUTH FACE FROM END TO END AND DELAMINATED ON NORTH FACE.	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined



REPLACEMENT PILE 7 @ ABUTMENT 1 DECAYING AT BOTTOM 4" WIDE X 6" HIGH X 1 1/2" DEEP.



PIER 1 ENCASEMENT IS CRACKED, DELAMINATED, AND SURFACE SPALLING ON SOUTH FACE AND TOP ALONG LENGTH.



PIER 1 ENCASEMENT IS CRACKED, DELAMINATED, AND SURFACE SPALLING ON SOUTH FACE AND TOP ALONG LENGTH.



ABUTMENT 1 ENCASEMENT DETERIORATED AND SPALLING ON SURFACE BETWEEN PILE 2 AND 3.

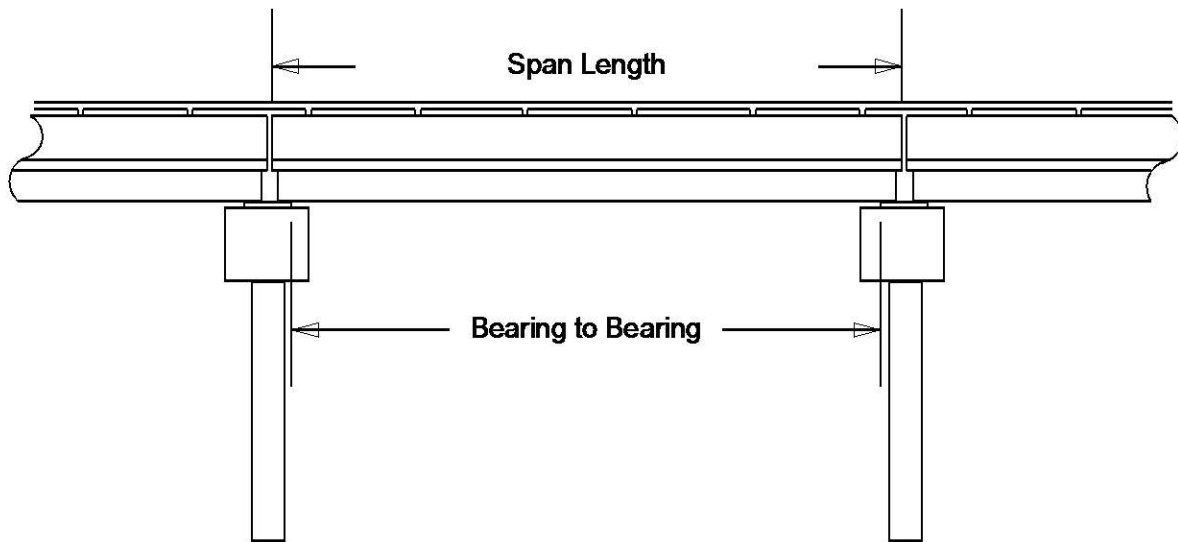


ABUTMENT 2 CAP ON RIGHT END DECAYING ALONG TOP AND FRONT FACE 12"W X 4" HIGH X 10" DEEP .

Structure Data Worksheet

Spans

County: GUILFORD Structure No: 400258 Date: 02/20/2013 Inspected By: RLA



Span No	Span Length	Bearing to Bearing	Comments
1	17.75	16.75	MEAS. VERIFIED 2/20/13...MYW
2	17.75	16.75	NBIS 32.500

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 400258 County: GUILFORD Date: 02/20/2013 By: RLA

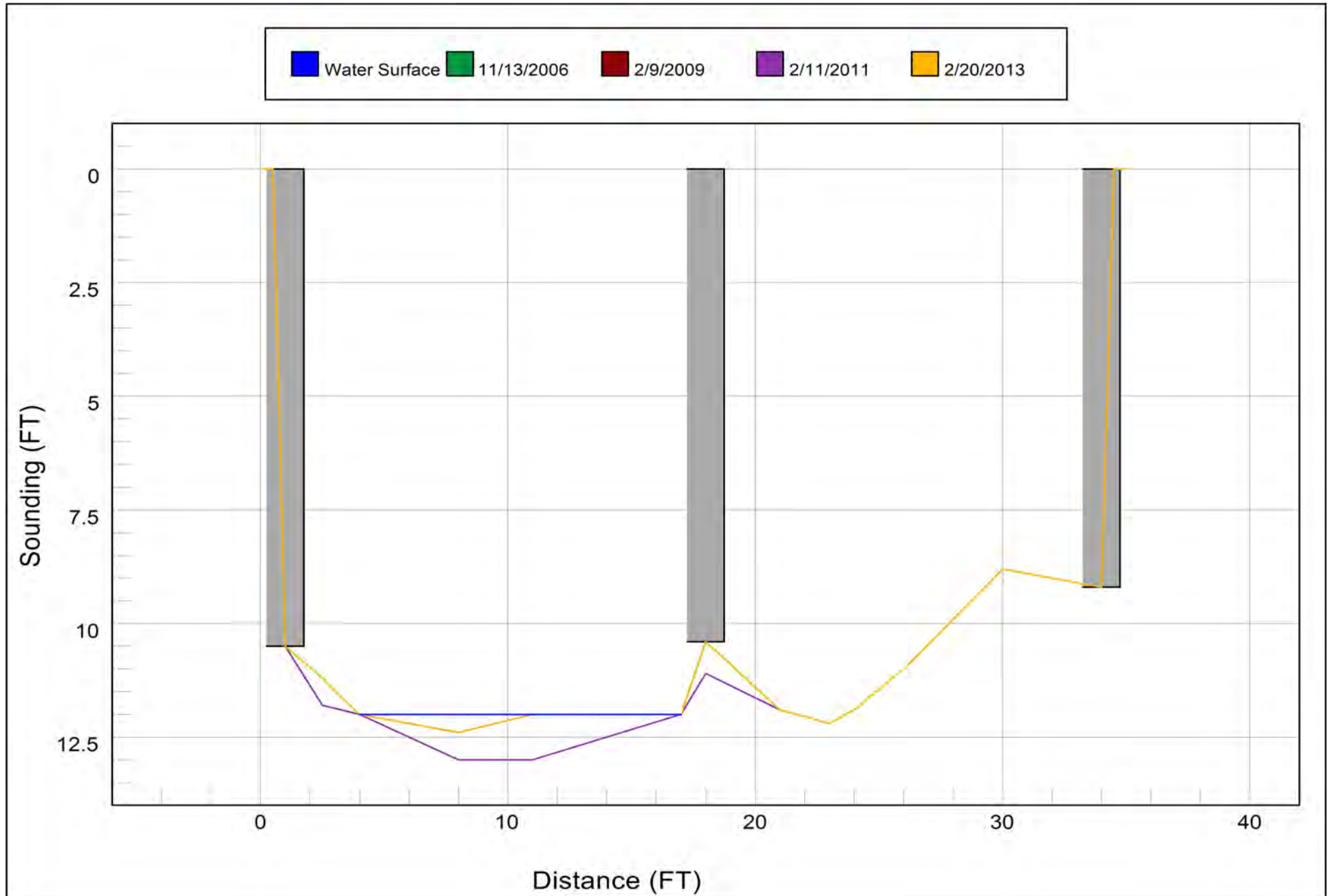
Record sounding from top of rail. Other location if needed: TOP OF RAIL

Distance from Highwater Mark to top of rail: 4 Location of Highwater Mark: BEAMS

DOWNSTREAM			UPSTREAM		
Distance (Station) (ft)	Sounding (ft)	Description	Distance (Station) (ft)	Sounding (ft)	Description
0	0				
0.5	0				
1	10.5	END BENT 1	1	12	END BENT 1
2.5	11.2				
4	12	WS/WE			
8	12.4				
11	12				
17	12	WS/WE			
18	10.4	BENT 1	18	11	BENT 1
21	11.9				
23	12.2				
24	11.9				
26	11				
30	8.8				
34	9.2	END BENT 2	34	12.3	END BENT 2
34.5	0				
35	0				

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch



Roadway	19ft Wide	2 Paved Lanes	Looking South
Left Shoulder	4ft Wide		4ft Unpaved
Right Shoulder	4ft Wide		4ft Unpaved
Left Guardrail			
Right Guardrail			

MEAS. VERIFIED 2/20/13...MYW

Title

APPROACH ROAD

Description

APPROACH ROADWAY LOOKING SOUTH

Bridge No: 400258

Drawn By: MYW

Date: 2/9/2009

File Name: S0274002393

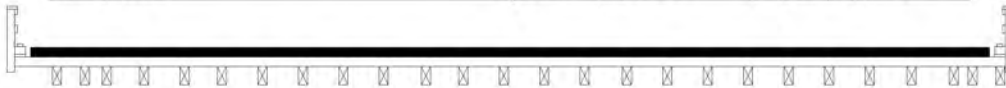
Bridge Inspection Field Sketch

DISREGARD SKETCH

Title		Description	
TOP SIDE DETAILS		TOP SIDE	
Bridge No: 400258	Drawn By: RBH	Date: 10/17/2006	File Name: S0274002394

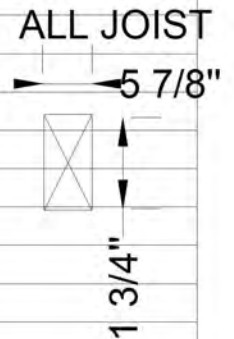
Bridge Inspection Field Sketch

Deck Width/Out to Out	26.5ft	Between Rails	25.833ft
Clear Roadway	25.167ft	Wearing Surface	0.25ft
Median Width		Median Height	
Curb Height		Left 0.625ft	Right 0.625ft
Sidewalk Width		Left	Right
Clear Roadway (Rail to Median)		Left	Right
Guardrail Width		Left 0.469ft	Right 0.469ft
Top of Rail to Deck/Wearing Surface		Left 2.708ft	Right 2.708ft
Bridge Rail		Left Type 22	Right Type 22



Measurements for Span #	1		
Deck Thickness	0.25	Left Overhang	1.125
Top of Rail to Bottom of Beam	4.25	Right Overhang	1.125

Beam Number	Beam Type	Spacing	Beam Number	Beam Type	Spacing
1	Timber (Rectangular)	.750ft	24	Timber (Rectangular)	.500ft
2	Timber (Rectangular)	.583ft	25	Timber (Rectangular)	.750ft
3	Timber (Rectangular)	1.000ft	26	Timber (Rectangular)	ft
4	Timber (Rectangular)	1.083ft			
5	Timber (Rectangular)	1.000ft			
6	Timber (Rectangular)	1.083ft			
7	Timber (Rectangular)	1.083ft			
8	Timber (Rectangular)	1.083ft			
9	Timber (Rectangular)	1.083ft			
10	Timber (Rectangular)	1.125ft			
11	Timber (Rectangular)	1.000ft			
12	Timber (Rectangular)	1.083ft			
13	Timber (Rectangular)	1.083ft			
14	Timber (Rectangular)	1.083ft			
15	Timber (Rectangular)	1.125ft			
16	Timber (Rectangular)	1.083ft			
17	Timber (Rectangular)	1.083ft			
18	Timber (Rectangular)	1.083ft			
19	Timber (Rectangular)	1.083ft			
20	Timber (Rectangular)	1.083ft			
21	Timber (Rectangular)	1.083ft			
22	Timber (Rectangular)	1.125ft			
23	Timber (Rectangular)	1.125ft			



MEAS. VERIFIED 2/20/13...MYW

Title

SPAN 1

Description

SPAN 1

Bridge No: 400258

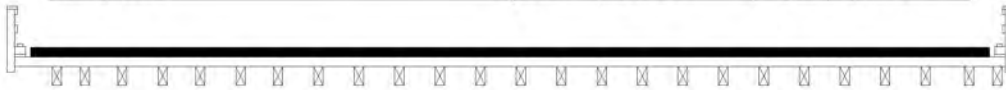
Drawn By: MYW

Date: 2/9/2009

File Name: S0274002395

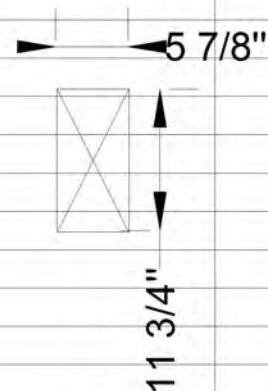
Bridge Inspection Field Sketch

Deck Width/Out to Out	26.5ft	Between Rails	25.833ft
Clear Roadway	25.167ft	Wearing Surface	0.25ft
Median Width		Median Height	
Curb Height		Left	0.625ft
Sidewalk Width		Right	0.625ft
Clear Roadway (Rail to Median)		Left	
Guardrail Width		Right	
Top of Rail to Deck/Wearing Surface		Left	0.469ft
Bridge Rail		Right	0.469ft
		Left	2.708ft
		Right	2.708ft
		Left	Type 22
		Right	Type 22



Measurements for Span #	2		
Deck Thickness	0.25	Left Overhang	1.125
Top of Rail to Bottom of Beam	4.25	Right Overhang	1.125

Beam Number	Beam Type	Spacing	Beam Number	Beam Type	Spacing
1	Timber (Rectangular)	.750ft	24	Timber (Rectangular)	.750ft
2	Timber (Rectangular)	1.000ft	25	Timber (Rectangular)	ft
3	Timber (Rectangular)	1.083ft			
4	Timber (Rectangular)	1.000ft			
5	Timber (Rectangular)	1.083ft			
6	Timber (Rectangular)	1.000ft			
7	Timber (Rectangular)	1.083ft			
8	Timber (Rectangular)	1.083ft			
9	Timber (Rectangular)	1.083ft			
10	Timber (Rectangular)	1.083ft			
11	Timber (Rectangular)	1.083ft			
12	Timber (Rectangular)	1.083ft			
13	Timber (Rectangular)	1.083ft			
14	Timber (Rectangular)	1.083ft			
15	Timber (Rectangular)	1.083ft			
16	Timber (Rectangular)	1.083ft			
17	Timber (Rectangular)	1.083ft			
18	Timber (Rectangular)	1.083ft			
19	Timber (Rectangular)	1.083ft			
20	Timber (Rectangular)	1.083ft			
21	Timber (Rectangular)	1.083ft			
22	Timber (Rectangular)	1.083ft			
23	Timber (Rectangular)	1.167ft			



MEAS. VERIFIED 2/20/13...MYW

Title

SPAN 2

Description

SPAN 2

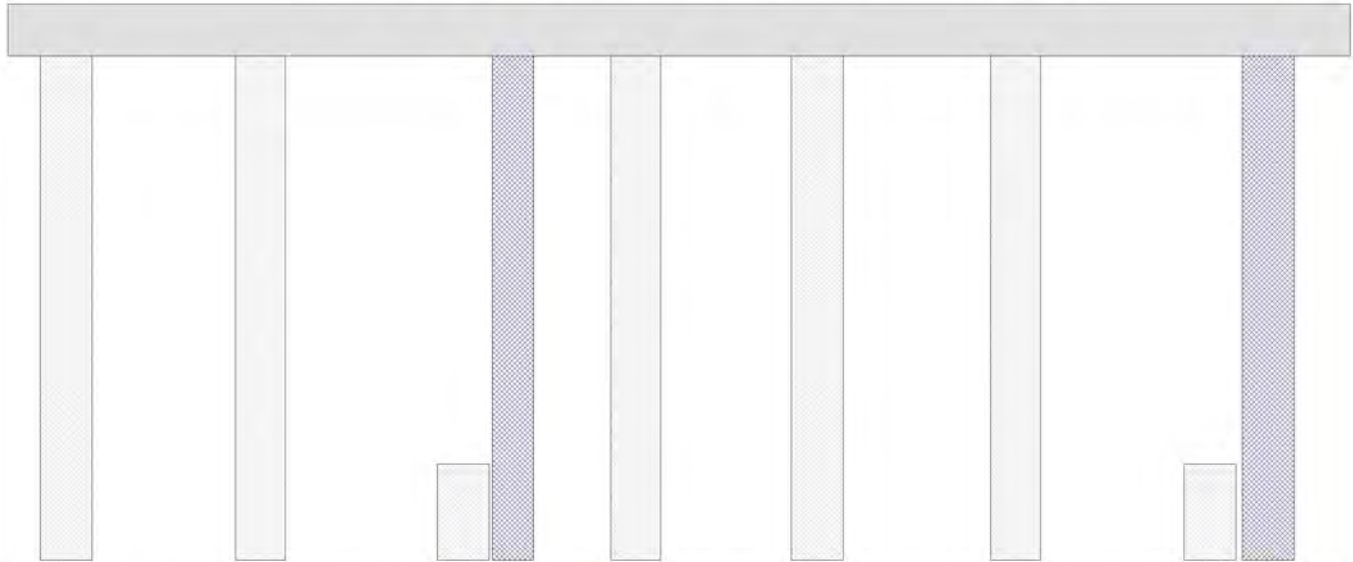
Bridge No: 400258

Drawn By: MYW

Date: 2/9/2009

File Name: S0274002396

Bridge Inspection Field Sketch



Cap Information			Material Timber							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
25.917 ft.	0.958 ft.	1 ft.	1.750 ft.	0.917 ft.	0.833 ft.	.750 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	3.750 ft.	1.000 ft.				No	No	No	No
2	Timber	3.917 ft.	.958 ft.	1.042 ft.			No	No	No	No
3	Timber	0.958 ft.	1.000 ft.				No	No	Yes	No
4	Timber	2.375 ft.	.792 ft.				No	Yes	No	No
5	Timber	3.500 ft.	.958 ft.	1.042 ft.			No	No	No	No
6	Timber	3.833 ft.	1.000 ft.				No	No	No	No
7	Timber	3.750 ft.	.958 ft.	1.042 ft.			No	No	No	No
8	Timber	1.125 ft.	1.000 ft.				No	No	Yes	No
9	Timber		1.000 ft.				No	Yes	No	No
NOTE...PILES 3 AND 8 ARE STILL IN PLACE BUT ARE DECAYED AND NO LONGER IN SERVICE										
CAP HAS A 3 1/2" HIGH X 11 1/2" WIDE RISER BOARD ON TOP										
MEAS. VERIFIED 2/20/13...MYW										

Bent/Abutment #: 1 Similar Bents:

Title

ABUTMENT 1

Description

END BENT 1

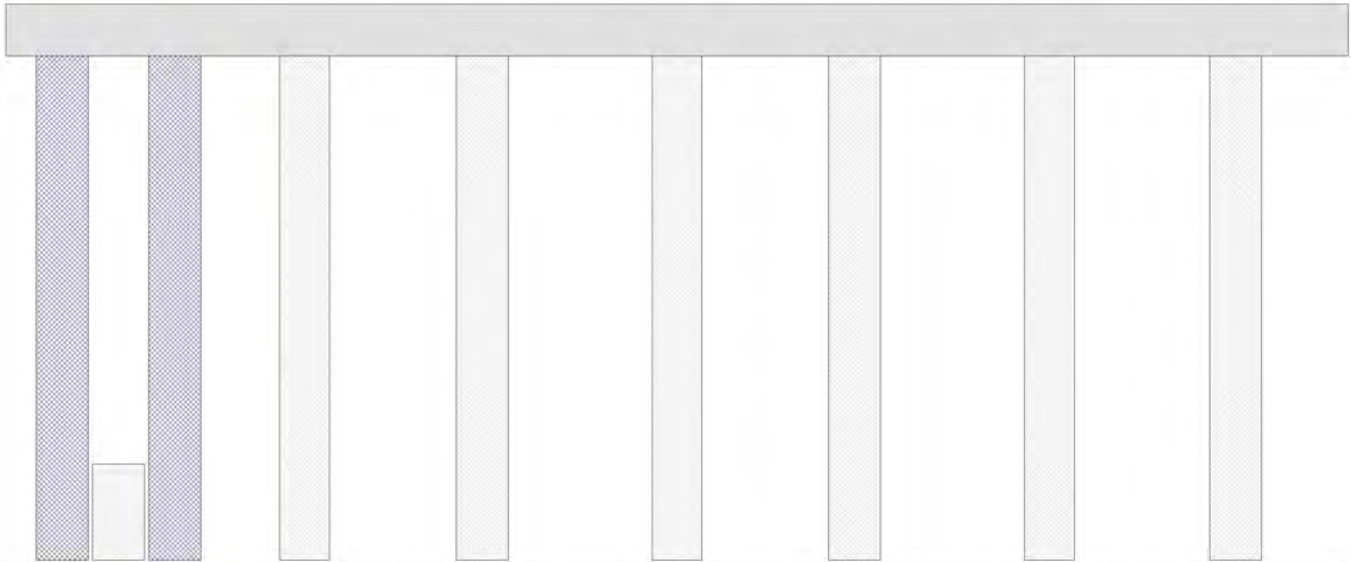
Bridge No: 400258

Drawn By: MYW

Date: 2/9/2009

File Name: S0274002397

Bridge Inspection Field Sketch



Cap Information			Material Timber							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
25.833 ft.	.958 ft.	1 ft.	1.083 ft.	2.167 ft.	.833 ft.	.750 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	1.083 ft.	1.000 ft.	1.000 ft.			No	Yes	No	No
2	Timber	1.084 ft.	1.000 ft.				No	No	Yes	No
3	Timber	2.500 ft.	1.000 ft.	1.000 ft.			No	Yes	No	No
4	Timber	3.417 ft.	.958 ft.	1.000 ft.			No	No	No	No
5	Timber	3.750 ft.	1.000 ft.				No	No	No	No
6	Timber	3.417 ft.	.958 ft.	1.000 ft.			No	No	No	No
7	Timber	3.750 ft.	1.000 ft.				No	No	No	No
8	Timber	3.583 ft.	.958 ft.	1.000 ft.			No	No	No	No
9	Timber		1.000 ft.				No	No	No	No
CAP HAS A 3 1/2" HIGH X 11 1/2" WIDE RISER BOARD ON TOP										
NOTE, PILE 2 IS STILL IN PLACE BUT DECAYED AND NO LONGER IN SERVICE										
MEAS. VERIFIED 2/20/13...MYW										

Bent/Abutment #: 2 Similar Bents:

Title

ABUTMENT 2

Description

END BENT 2

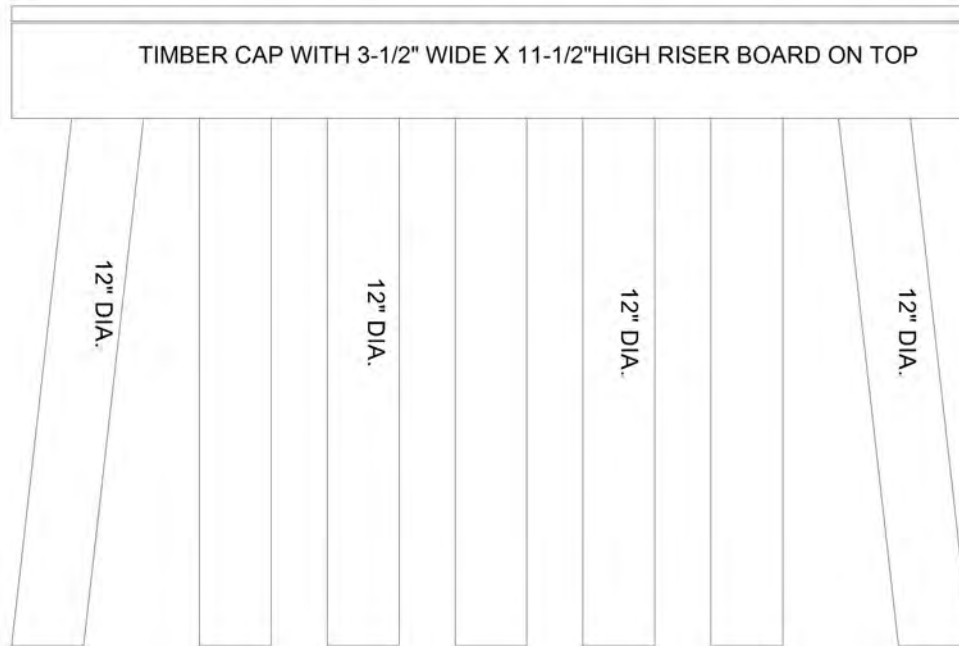
Bridge No: 400258

Drawn By: MYW

Date: 2/9/2009

File Name: S0274002398

Bridge Inspection Field Sketch



Bent #	1		
Cap - Beam Type (Wood or Steel)			
Cap Size	25.917ft Long	0.958ft Wide	1ft High
Left Overhang	2.0ft	Lt Cap/Beam Overhang	0.833ft
Right Overhang	2.0ft	Rt Cap/Beam Overhang	0.750ft

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Pile Bent	3.667'		1' ROUND		Batter Pile
2	Wood or Timber	Pile Bent	3.833'		.958 x 1.0		Vertical
3	Wood or Timber	Pile Bent	3.667'		1' ROUND		Vertical
4	Wood or Timber	Pile Bent	3.667'		.958 x 1.0		Vertical
5	Wood or Timber	Pile Bent	3.500'		1' ROUND		Vertical
6	Wood or Timber	Pile Bent	3.583'		.958 x 1.0		Vertical
7	Wood or Timber	Pile Bent			1' ROUND		Batter Pile

MEAS. VERIFIED 2/20/13...MYW

Title

PIER

Description

BENT 1

Bridge No: 400258

Drawn By: MYW

Date: 2/9/2009

File Name: S0274002399



ABUTMENT 1



ABUTMENT 2



PIER



SUPERSTRUCTURE SPAN 1, SPAN 2 SIMILAR



LOOKING WEST UPSTREAM



LOOKING EAST DOWNSTREAM



LOOKING WEST



LOOKING EAST DOWNSTREAM FROM TOP



LOOKING WEST UPSTREAM FROM TOP



LOOKING SOUTH



POSTING



LOOKING EAST



LOOKING NORTH