



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION

TEMPORARY REPAIRS

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY ORANGE

BRIDGE NUMBER 670077

INSPECTION CYCLE 2 YRS

ROUTE SR1113

ACROSS NEW HOPE CREEK

M.P. 0

LOCATION 0.8 MI. W. JCT. SR1009

SUPERSTRUCTURE TIMBER DECK ON TIMBER JOISTS

SUBSTRUCTURE END&INT.BENTS:TIM.CAPS,POSTS&PILES,CONC.ENCASED,TIM.BULKHEAD

SPANS 2@17'9"

LONGITUDE 79° 7' 16.98"

LATITUDE 35° 59' 55.66"

INSPECTION DATE 10/01/2013

PRESENT CONDITION FAIR

PRESENT POSTING SV 19 TTST 27 SV 20 TTST 30

PROPOSED POSTING

OTHER SIGNS PRESENT 4 DELINEATORS



LOOKING EAST

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

BRIDGE: **670077** County **Orange** DATE: **10/25/2013**

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	4	TSE
S I & A ITEM 64 OPERATING RATING		
HS 01		BY:
S I & A ITEM 66 - INVENTORY RATING		
HS 01		BY:

COMMENTS

Some piles have been supplemented and some have been encased with concrete
Temporary Repair

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

Run Date: 10/28/2013

IDENTIFICATION							
(1) STATE NAME -NORTH CAROLINA	BRIDGE	670077		SUFFICIENCY RATING =	14.78		
(8) STRUCTURE NUMBER(FEDERAL)		000000001350077		STATUS =	Structurally Deficient		
(5) INVENTORY ROUTE (ON/UNDER) - ON		31011130					
(2) STATE HIGHWAY DEPARTMENT DISTRICT		1					
(3) COUNTY CODE 135	(4) PLACE CODE	0					
(6) FEATURE INTERSECTED - NEW HOPE CREEK							
(7) FACILITY CARRIED SR1113							
(9) LOCATION 0.8 MI. W. JCT. SR1009							
(11) MILEPOINT		0					
(16) LAT 35° 59' 55.66"	(17) LONG 79° 7' 16.98"						
(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 -	YES		
TYPE - Stringer Multibeam 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		2		(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			
(45) NUMBER OF SPANS IN MAIN UNIT		2		(58) DECK	5		
(46) NUMBER OF APPROACH SPANS				(59) SUPERSTRUCTURE	7		
(107) DECK STRUCTURE TYPE - 8	CODE			(60) SUBSTRUCTURE	4		
(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			
(C) TYPE OF DECK PROTECTION -	CODE			(31) DESIGN LOAD Unknown	0		
				(63) OPERATING RATING METHOD - Allowable Stress	2		
(27) YEAR BUILT		1954		(64) OPERATING RATING - HS-1	1		
(106) YEAR RECONSTRUCTED		1984		(65) INVENTORY RATING METHOD - Allowable Stress	2		
(42) TYPE OF SERVICE : ON - Highway				(66) INVENTORY RATING - HS-1	1		
UNDER - Waterway	CODE	15		(70) BRIDGE POSTING - Posting Required	1		
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE		0		(41) STRUCTURE OPEN, POSTED ,OR CLOSED	P		
(29) AVERAGE DAILY TRAFFIC		2500		DESCRIPTION - Posted for Load			
(30) YEAR OF ADT 2011	(109) TRUCK ADT PCT	6%		APPRAISAL			
(19) BYPASS OR DETOUR LENGTH		4 MI		(67) STRUCTURAL EVALUATION	3		
GEOMETRIC DATA				(68) DECK GEOMETRY	2		
(48) LENGTH OF MAXIMUM SPAN		17 FT		(69) UNDERCLEARANCES, VERTI & HORIZ	N		
(49) STRUCTURE LENGTH		36 FT		(71) WATERWAY ADEQUACY	6		
(50) CURB OR SIDEWALK: LEFT .3335 FT RIGHT .3335 FT				(72) APPROACH ROADWAY ALIGNMENT	8		
(51) BRIDGE ROADWAY WIDTH CURB TO CURB		25 FT		(36) TRAFFIC SAFETY FEATURES	0000		
(52) DECK WIDTH OUT TO OUT		26 FT		(113) SCOUR CRITICAL BRIDGES	5		
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)		20 FT		PROPOSED IMPROVEMENTS			
(33) BRIDGE MEDIAN - No Median	CODE	0		(75) TYPE OF WORK -	CODE		
(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 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 5000	(115) YEAR FUTURE ADT	2025	
(56) MIN LAT UNDERCLEAR LT REF -		000 FT		INSPECTIONS			
NAVIGATION DATA				(90) INSPECTION DATE	10/01/2013		
(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: 10/28/2013

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :	
ORANGE	7	1	670077	36	FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
SR1113	NEW HOPE CREEK

LOCATED :	BRIDGE NAME :	CITY :
0.8 MI. W. JCT. SR1009		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
09	NFA	NFA	2500 2011	LT 227 RT 227

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

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :		
1984	BMU	5.5051	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
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SUBSTRUCTURE :	END&INT.BENTS:TIM.CAPS&PILES,CONC.ENCASED,TIM.BULKHEAD
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SPANS :	2@17'9
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BEAMS OR GIRDERS :	SP1:19LNS 6X12 TIM.JST@1'4 CT,SP2:20LNS 6X12 TIM.JST@VAR.CTS
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FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
4X12 TIM, 2 AWS		26 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
25 FT	25.667 FT	LT .3335 FT RT .3335 FT

VERT.CL.OVER :
999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :			DATE
HS-1	HS-1	Int Joist	SV 19	TTST 27		09/19/2008

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. 670077 COUNTY ORANGE ROUTE SR1113 OVER NEW HOPE CREEK
 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	2	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			F
	b. TIMBER		F	55. ESTIMATED REMAINING LIFE			14
	c. ALUMINUM						
	d. STEEL						
4. CURBS, WHEELGUARDS, PARAPETS, MEDIANS			F	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)			4
	c. COMPRESSION SEAL			64. TOTAL SNOOPER INSP. TIME (HRS)			
	d. STANDARD JOINTS			65. TOTAL TRAFFIC CONTROL TIME (MAN HRS)			
	e. OPEN JOINTS						
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	5	
10. LONGITUDINAL BEAMS OR GIRDERS				b. SUPERSTRUCTURE	ITEM 59	7	
11. LONGITUDINAL JOIST OR STRINGERS			G	c. SUBSTRUCTURE	ITEM 60	6	
12. INT. DIAP'S, X-FRAMES, BRACING & CONN'S				d. CHANNEL & CHANNEL PROT.	ITEM 61	7	
13. END DIAP'S, CURTAIN WALLS, & CONN'S				71. SI&A FIELD APPRAISAL RATINGS			
14. FLOOR BEAMS AND CONNECTIONS				a. WATERWAY ADAQUACY		6	
15. BEARING ASSEMBLIES (INCLUDING MISALIGN)				b. APPR. RDWY. ALIGNMENT		8	
16. DRAINAGE SYSTEM (ON STRUCTURE)			F	72. FIELD SCOUR EVALUATION			O
17. MOVABLE SPAN MACHINERY							
SUB STR. ITEMS. ITEM 60 (INCLUDE SCOUR)				USE OF INSP. ACCESSIBILITY EQUIPMENT			
35. TIM SUB STR.	a. ABUT. & INT. BENT CAPS & RISERS		G	SNOOPER (CODE S, 4, OR N)	HRS	NO	
	b. PILES, POST, SILLS, & BRACING		F	LADDER		NO	
	c. BULKHEADS, WING'S, & TIE BACKS		P	BUCKET TRUCK		NO	
36. CONC SUB STR.	a. ABUT. & INT. BENT CAPS			BOAT		NO	
	b. ABUT. & BENT COL'S BREASTWALLS			OTHER		NO	
	c. ABUT. & INT. BENT PILES						
	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:			
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 TERRY MELTON			
Assisted By D.HACKNEY			
Item No.	Grade		
1	F	AWS HEAVILY CRACKED ALONG TIMBER DECKING EDGES, UP TO 1/2"WIDE. SEVERAL PATCHED AREAS ALONG CENTERLINE.	
2b	F	TIMBERS WEATHERED AND CHECKED, DISCOLORATION ALONG UNDERSIDE.	
3b	F	TIMBERS WEATHERED AND SPLIT, TOP BOARD LOOSE IN SPOTS. TIMBER RAIL POST ARE SPLIT WITH DECAY ALONG BOTTOM PORTIONS, RAILS TIGHT AT THIS TIME.	
4	F	TIMBERS WEATHERED AND CHECKED, COATING PEELING OFF.	
7	F	DIRT AND DEBRIS BUILD UP ALONG SCUPPERS.	
10A	NO	NO CURVED GIRDERS	
11	G	TIMBERS WEATHERED AND CHECKED.	
16	F	DRAINAGE THROUGH DECK DUE TO CRACKING IN AWS.	
35b	F	TIMBERS WEATHERED AND CHECKED WITH DELAM AROUND CHECK CRACKS. DECAYED PILES AT END BENT 1 HAVE HAD SISTER PILES PLACED BESIDE THEM.	
35c	P	TIMBERS SHOWING DECAY FULL THICKNESS ALONG FILL TO BE EXPOSED. END BENT 1 DECAY IS AROUND PILE 5 TO OUTSIDE WING, WING POST HAVE FULL DEPTH DECAY ALONG BASE AT CONCRETE FOOTING. END BENT 2 HAS BACKWALL DECAY AROUND PILE 1 EXTENDING OVER TO PILE 2, FULL THICKNESS.	
36e	F	FULL HEIGHT CRACKING RUNNING OFF TIMBER PILES AT END BENTS. CRACKS ARE UP TO 1/4"WIDE. END BENT CRACK AT PILE 6, END BENT 2 CRACK AT PILE 5.	
50	F	BOTH APPROACHES CRACKED AND SETTLED, 1" TO 1-3/4" AT FILL FACE.	
54	F	DEFLECTION UNDER HEAVY LOADS NOTED.	

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 TERRY MELTON			
Assisted By D.HACKNEY			
Item No.	Grade		
62	YES	SV- 20, TTST- 30	
71a	6	WATER HAS BEEN ON CAPS.	

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 670077

County ORANGE

Date: 10/01/2013

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	40	APPROACHES CRACKED AND SETTLED	
2816	Asphalt Surface Repair or Replacement	SY	100	AWS CRACKING ON DECK	
3346	Repair / Maintain Timber Wings & Blkhs	SF	90	BULKHEAD AND WING TIMBERS SHOWING DECAY	
3376	Clean/Wash Bridge Decks	SF	300	DEBRIS BUILD UP ALONG DECK EDGES	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined



SETTLEMENT AND CRACKING ON WEST END APPROACH



WEAR SURFACE CRACKING AT END BENT 1



WEAR SURFACE CRACKING ON DECK AT TIMBER DECKING BOARD JOINTS



VEGETATION AND DEBRIS ON DECK



WEAR SURFACE CRACKING AT END BENT 2



SETTLEMENT ON EAST END APPROACH



CRACKING ON FOOTER AT END BENT 1 UNDER PILE 6



DECAY ON BULKHEAD AT END BENT 2 BETWEEN PILES 1 AND 2



DECAY ON BULKHEAD AT END BENT 1 BEHIND PILE 6

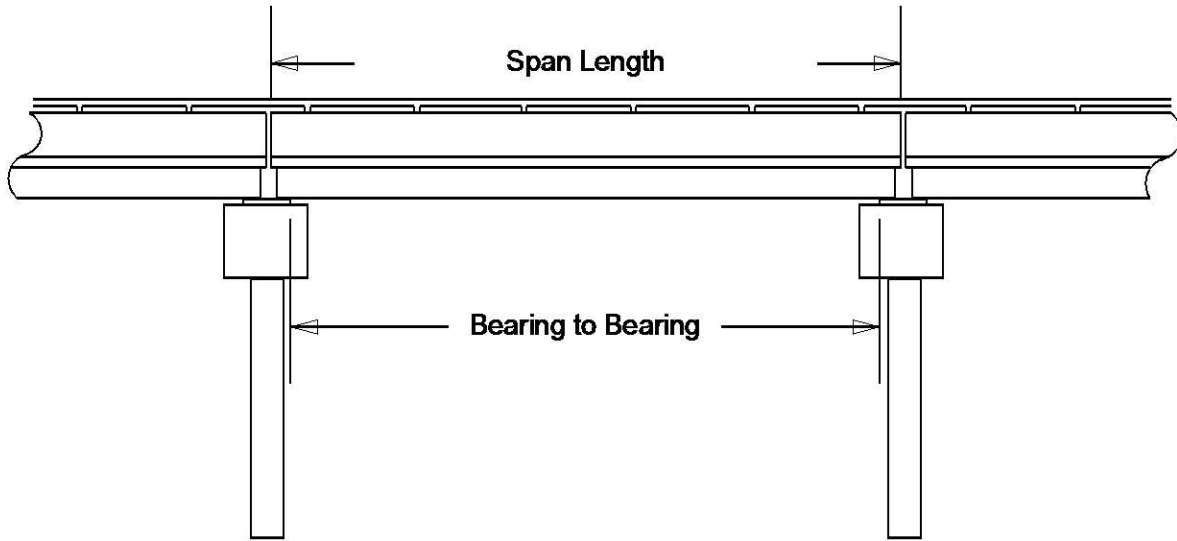


DECAY ON BOTTOM OF RAIL POST THROUGHOUT

Structure Data Worksheet

Spans

County: ORANGE Structure No: 670077 Date: 10/01/2013 Inspected By: TFM



Span No	Span Length	Bearing to Bearing	Comments
1	17.75	17.00	NBIS BL 33.5
2	17.75	17	

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 670077 County: ORANGE Date: 10/01/2013 By: TFM

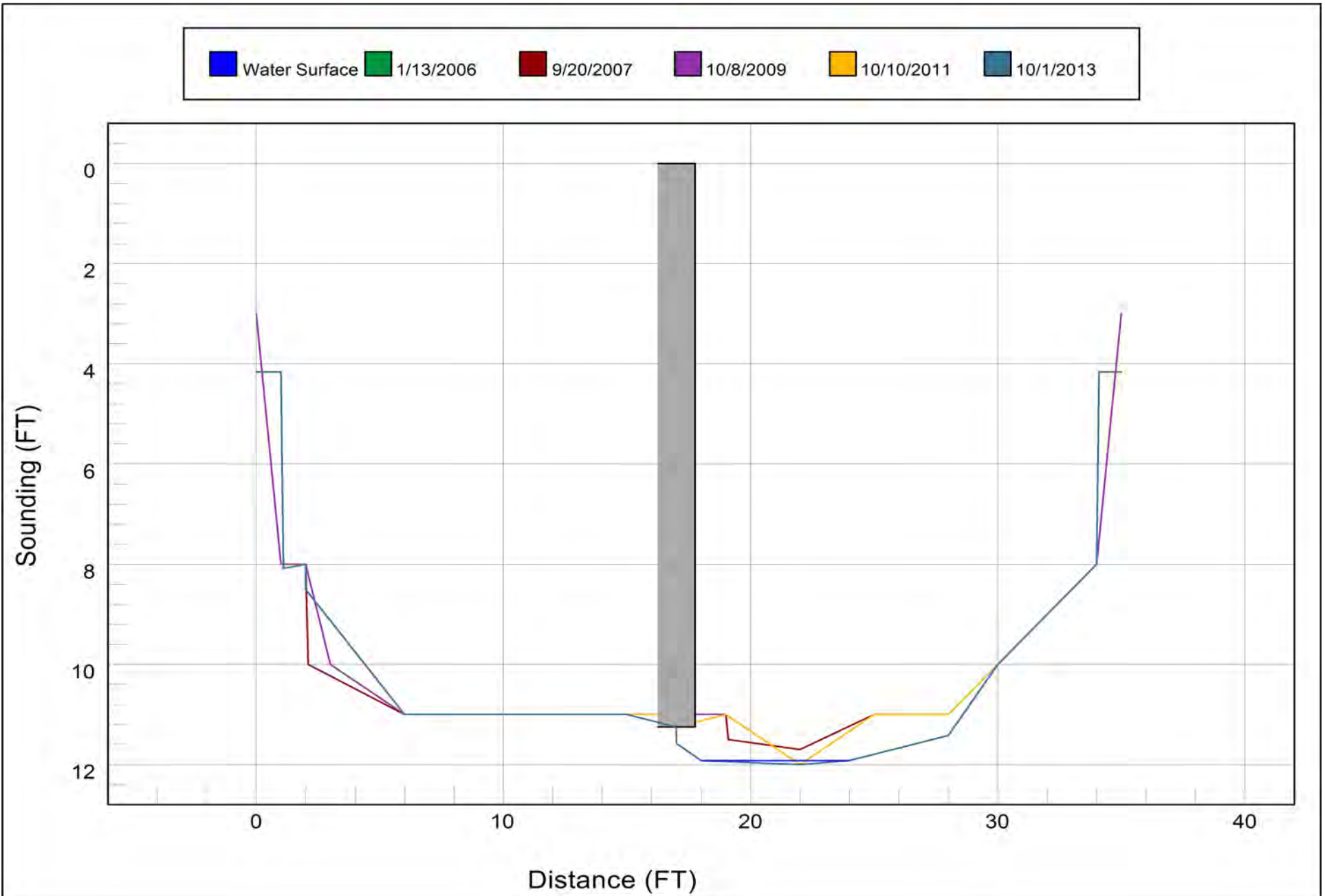
Record sounding from top of rail. Other location if needed: _____

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	4.167	Top of Cap			
1	4.167	Top of Cap			
1.1	8.083	TOP OF FOOTER			
2	8				
2	8.5	GROUND AT FOOTER			
6	11				
12	11				
15	11				
17	11.25	Bent			
17	11.58				
18	11.92	Water Surface/Water Edge (WSWE)			
22	12				
24	11.92	Water Surface/Water Edge (WSWE)			
28	11.42				
30	10				
34	8				
34	8	GROUND AT CAP			
34.1	4.167	Top of Cap			
35	4.167	Top of Cap			

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch



Roadway	20ft Wide	2 Paved Lanes	Looking North
Left Shoulder	6ft Wide		6ft Unpaved
Right Shoulder	6ft Wide		6ft Unpaved

MEASUREMENTS VERIFIED BY DH 10/1/13

Title

APPROACH ROADWAY SKETCH

Description

APPROACH ROADWAY SKETCH

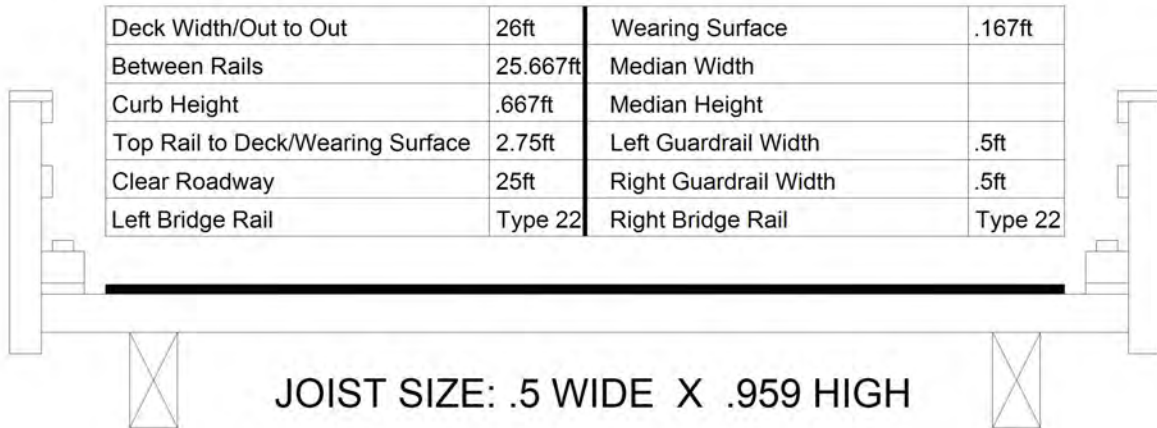
Bridge No: 670077

Drawn By: GDP

Date: 10/08/09

File Name: S0066000623

Bridge Inspection Field Sketch



Measurements for Span #	1		
Deck Thickness	.313	Left Overhang	1
Top of Rail to Bottom of Beam	4.25	Right Overhang	1

Beam No	Beam Type	Spacing	Comments
1	Timber (Rectangular)	1.333ft	SPAN A ONLY
2	Timber (Rectangular)	1.333ft	SPAN A ONLY
3	Timber (Rectangular)	1.333ft	SPAN A ONLY
4	Timber (Rectangular)	1.333ft	SPAN A ONLY
5	Timber (Rectangular)	1.333ft	SPAN A ONLY
6	Timber (Rectangular)	1.333ft	SPAN A ONLY
7	Timber (Rectangular)	1.333ft	SPAN A ONLY
8	Timber (Rectangular)	1.333ft	SPAN A ONLY
9	Timber (Rectangular)	1.333ft	SPAN A ONLY
10	Timber (Rectangular)	1.333ft	SPAN A ONLY
11	Timber (Rectangular)	1.333ft	SPAN A ONLY
12	Timber (Rectangular)	1.333ft	SPAN A ONLY
13	Timber (Rectangular)	1.333ft	SPAN A ONLY
14	Timber (Rectangular)	1.333ft	SPAN A ONLY
15	Timber (Rectangular)	1.333ft	SPAN A ONLY
16	Timber (Rectangular)	1.333ft	SPAN A ONLY
17	Timber (Rectangular)	1.333ft	SPAN A ONLY
18	Timber (Rectangular)	1.333ft	SPAN A ONLY
19	Timber (Rectangular)		SPAN A ONLY

MEASUREMENTS VERIFIED BY DH 10/1/13

Title

STRUCTURE DATA SKETCH

Description

STRUCTURE DATA SKETCH

Bridge No: 670077

Drawn By: GDP

Date: 10/08/09

File Name: S0066000624

Bridge Inspection Field Sketch

Deck Width/Out to Out	26ft	Wearing Surface	.167ft
Between Rails	25.667ft	Median Width	
Curb Height	.667ft	Median Height	
Top Rail to Deck/Wearing Surface	2.75ft	Left Guardrail Width	.5ft
Clear Roadway	25ft	Right Guardrail Width	.5ft
Left Bridge Rail	Type 22	Right Bridge Rail	Type 22

MEASUREMENTS VERIFIED BY DH 10/1/13

Measurements for Span #	2		
Deck Thickness	.313	Left Overhang	1
Top of Rail to Bottom of Beam	4.25	Right Overhang	1

Beam No	Beam Type	Spacing	Comments
1	Timber (Rectangular)	.75ft	SPAN B ONLY
2	Timber (Rectangular)	1.083ft	SPAN B ONLY
3	Timber (Rectangular)	1.333ft	SPAN B ONLY
4	Timber (Rectangular)	1.333ft	SPAN B ONLY
5	Timber (Rectangular)	1.333ft	SPAN B ONLY
6	Timber (Rectangular)	1.333ft	SPAN B ONLY
7	Timber (Rectangular)	1.333ft	SPAN B ONLY
8	Timber (Rectangular)	1.333ft	SPAN B ONLY
9	Timber (Rectangular)	1.333ft	SPAN B ONLY
10	Timber (Rectangular)	1.333ft	SPAN B ONLY
11	Timber (Rectangular)	1.333ft	SPAN B ONLY
12	Timber (Rectangular)	1.333ft	SPAN B ONLY
13	Timber (Rectangular)	1.333ft	SPAN B ONLY
14	Timber (Rectangular)	1.333ft	SPAN B ONLY
15	Timber (Rectangular)	1.333ft	SPAN B ONLY
16	Timber (Rectangular)	1.333ft	SPAN B ONLY
17	Timber (Rectangular)	1.333ft	SPAN B ONLY
18	Timber (Rectangular)	1.333ft	SPAN B ONLY
19	Timber (Rectangular)	.833ft	SPAN B ONLY
20	Timber (Rectangular)		SPAN B ONLY

Title

JOIST SPACINGS FOR SPAN B

Description

JOIST SPACINGS FOR SPAN B

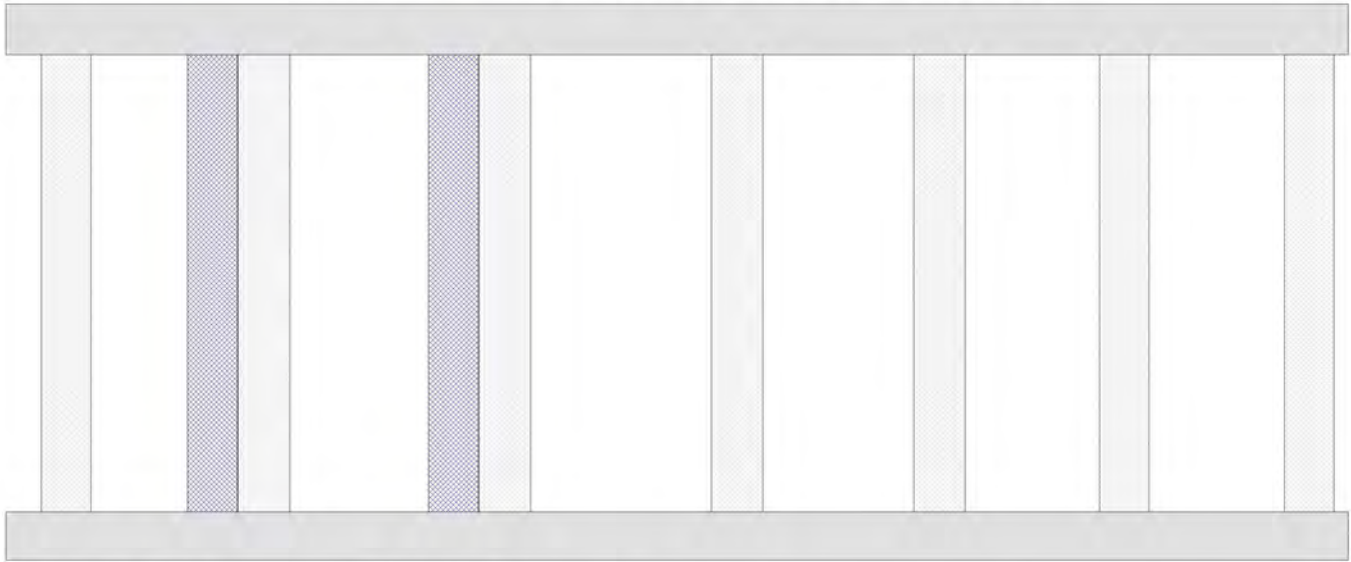
Bridge No: 670077

Drawn By: GDP

Date: 10/08/09

File Name: S0066000625

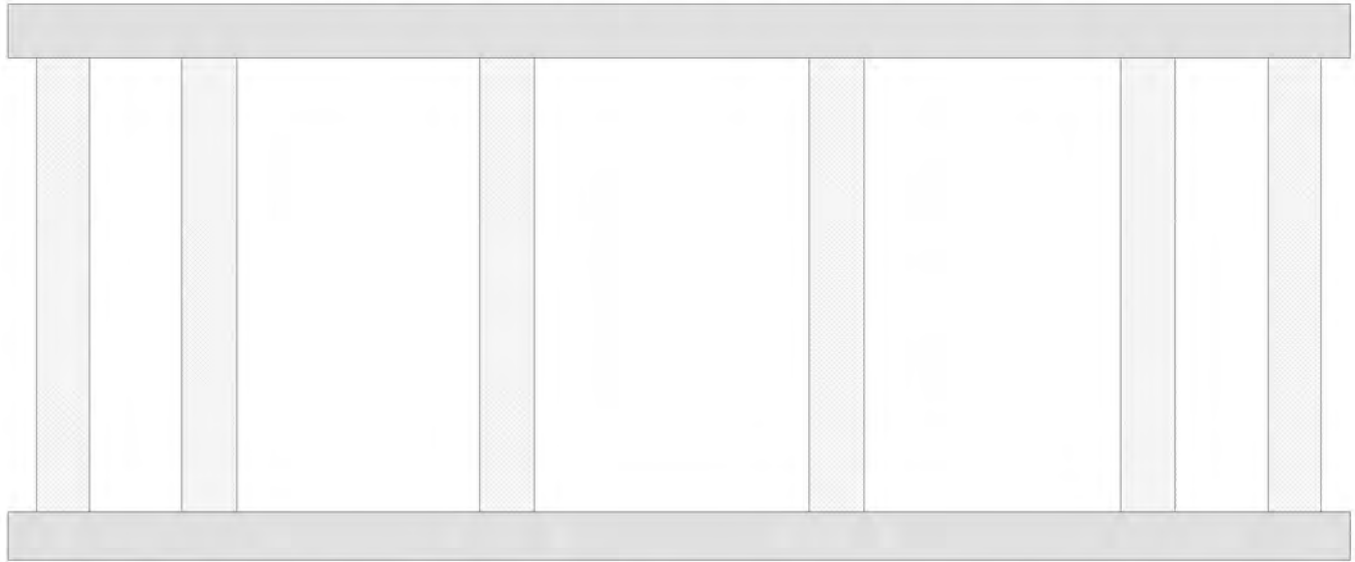
Bridge Inspection Field Sketch



Cap Information			Material Timber							
Length 26 ft.	Width 1 ft.	Height .98 ft.	Left Overhang 1.167 ft.	Right Overhang 1.167 ft.	Left Beam to End of Cap. 1 ft.	Right Beam to End of Cap. 1 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length 26 ft.	Width 2.833 ft.	Height 2.5 ft.	MEASUREMENTS VERIFIED BY DH 10/1/13							
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	2.833 ft.	0.959 ft.			Vertical	No	No	No	No
2	Timber	1 ft.	0.959 ft.			Vertical	No	Yes	No	No
3	Timber	3.667 ft.	1 ft.			Vertical	No	No	No	No
4	Timber	1 ft.	0.959 ft.			Vertical	No	Yes	No	No
5	Timber	4.5 ft.	1 ft.			Vertical	No	No	No	No
6	Timber	3.917 ft.	1 ft.			Vertical	No	No	No	No
7	Timber	3.583 ft.	1 ft.			Vertical	No	No	No	No
8	Timber	3.583 ft.	0.959 ft.			Vertical	No	No	No	No
9	Timber		0.959 ft.			Vertical	No	No	No	No
SQUARE POST USED BESIDE ROUND PILES										
Bent/Abutment #: 1			Similar Bents:							

Title PILE DIAGRAM END BENT 1		Description PILE DIAGRAM END BENT 1	
Bridge No: 670077	Drawn By: TFM	Date: 10/10/2011	File Name: S0066000626

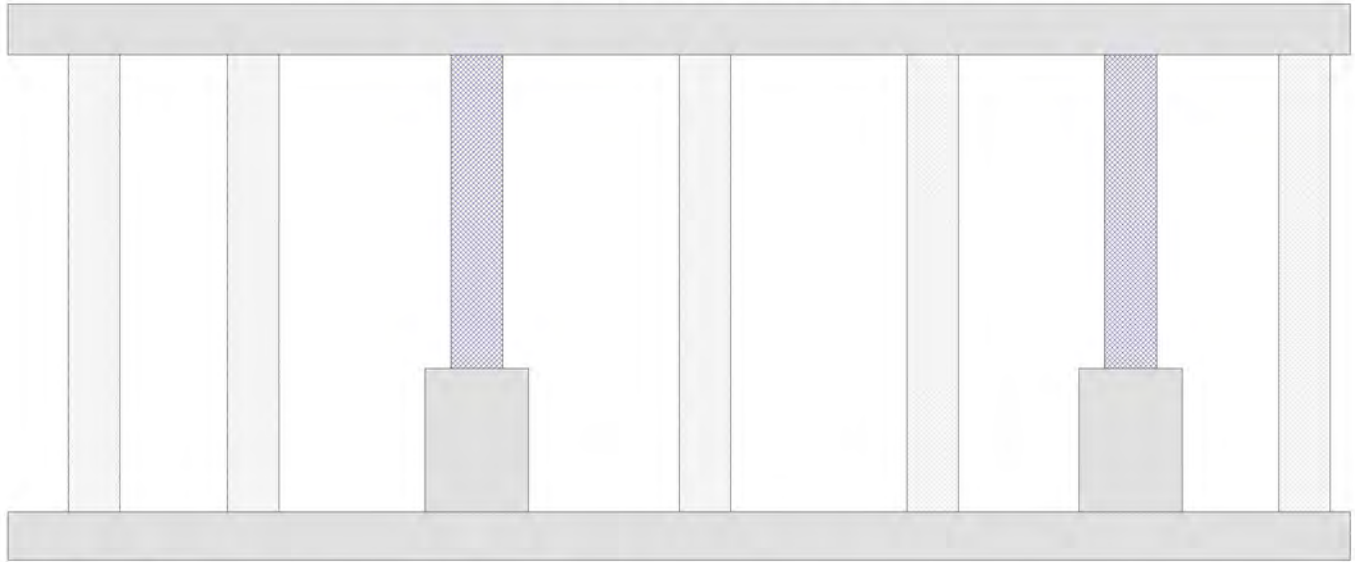
Bridge Inspection Field Sketch



Cap Information			Material Timber							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
24.430 ft.	1 ft.	.98 ft.	1 ft.	1 ft.	1.167 ft.	1.167 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
22.000 ft.	3 ft.	2.667 ft.								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	2.667 ft.	0.959 ft.			Vertical	No	No	No	No
2	Timber	5.417 ft.	1 ft.			Vertical	No	No	No	No
3	Timber	6 ft.	1 ft.			Vertical	No	No	No	No
4	Timber	5.667 ft.	1 ft.			Vertical	No	No	No	No
5	Timber	2.667 ft.	1 ft.			Vertical	No	No	No	No
6	Timber		0.959 ft.			Vertical	No	No	No	No
Bent/Abutment #: 1			Similar Bents:							

Title		Description	
PILE DIAGRAM FOR PIER		PILE DIAGRAM FOR PIER	
Bridge No: 670077	Drawn By: DH	Date: 10/1/13	File Name: S0066000627

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.				
26 ft.	1 ft.	.98 ft.	1.667 ft.	1.667 ft.	1 ft.	1 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
26 ft.	2.917 ft.	1.667 ft.								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	3.083 ft.				Vertical	No	No	No	No
2	Timber	4.333 ft.				Vertical	No	No	No	No
3	Timber	4.417 ft.				Vertical	No	Yes	No	Yes
4	Timber	4.417 ft.				Vertical	No	No	No	No
5	Timber	3.833 ft.				Vertical	No	No	No	No
6	Timber	3.917 ft.				Vertical	No	Yes	No	Yes
7	Timber					Vertical	No	No	No	No
Bent/Abutment #: 2			Similar Bents:							

Title		Description	
PILE DIAGRAM FOR END BENT 2		PILE DIAGRAM FOR END BENT 2	
Bridge No: 670077	Drawn By: DH	Date: 10/01/13	File Name: S0066000628



LOOKING EAST



LOOKING WEST



WEIGHT LIMIT SIGN



WEST END APPROACH



WEAR SURFACE AT END BENT 1



LOOKING UPSTREAM



LOOKING DOWNSTREAM



LOOKING WEST FROM DECK



WEAR SURFACE AT END BENT 2



EAST END APPROACH



LOOKING EAST FROM DECK



NORTH PROFILE



SOUTH PROFILE



LOOKING UPSTREAM



LOOKING DOWNSTREAM



END BENT 2



TEMPORARY REPAIRS ON PILES 3 AND 6 AT END BENT 2



END BENT 1



UNDERSIDE OF DECK



PIER