



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION

TEMPORARY REPAIRS
CHANGES TO STRUCTURE DATA

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY ORANGE BRIDGE NUMBER 670075 INSPECTION CYCLE 2 YRS
ROUTE SR1127 ACROSS NEW HOPE CREEK M.P. 0

LOCATION 0.6 MI. W. JCT. SR1113

SUPERSTRUCTURE TIMBER DECK ON TIMBER JOISTS

SUBSTRUCTURE END&INT.BTS:TIMBER CAPS&PILES,CONC.ENCASED,TIMBER BULKHEADS

SPANS 2@17'9"

LONGITUDE 79° 7' 34.65"

LATITUDE 36° 0' 13.95"

INSPECTION DATE 10/01/2013

PRESENT CONDITION FAIR

PRESENT POSTING SV 16 TTST 24 SV 16 TTST 24 PROPOSED POSTING _____

OTHER SIGNS PRESENT 4 DELINEATORS, 2 NARROW BRIDGE



LOOKING EAST

Fracture Critical	<u>No</u>
Temporary Shoring	<u>No</u>
Scour Critical	<u>No</u>
Scour POA	<u>No</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: **670075**COUNTY: **Orange**DATE: **1/26/2012**

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 1/26/12
S I & A ITEM 64 OPERATING RATING	HS .01	BY:
S I & A ITEM 66 - INVENTORY RATING	HS .01	BY:

COMMENTS

Some piles are encased with concrete.
Temporary Repairs

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

Run Date: 10/17/2013

IDENTIFICATION							
(1) STATE NAME -NORTH CAROLINA	BRIDGE	670075		SUFFICIENCY RATING =	18.79		
(8) STRUCTURE NUMBER(FEDERAL)		000000001350075		STATUS =	Structurally Deficient		
(5) INVENTORY ROUTE (ON/UNDER) - ON		31011270					
(2) STATE HIGHWAY DEPARTMENT DISTRICT		1					
(3) COUNTY CODE	135	(4) PLACE CODE	0				
(6) FEATURE INTERSECTED - NEW HOPE CREEK							
(7) FACILITY CARRIED SR1127							
(9) LOCATION 0.6 MI. W. JCT. SR1113							
(11) MILEPOINT		0					
(16) LAT 36° 0' 13.95"	(17) LONG	79° 7' 34.65"					
(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 Multibeam or Girder	CODE	702					
(44) STRUCTURE TYPE APPR :							
TYPE -	CODE	000					
(45) NUMBER OF SPANS IN MAIN UNIT		2					
(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		1954					
(106) YEAR RECONSTRUCTED		1987					
(42) TYPE OF SERVICE : ON - Highway							
UNDER - Waterway	CODE	15					
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE		0					
(29) AVERAGE DAILY TRAFFIC		880					
(30) YEAR OF ADT 2012	(109) TRUCK ADT PCT	6%					
(19) BYPASS OR DETOUR LENGTH		4 MI					
GEOMETRIC DATA							
(48) LENGTH OF MAXIMUM SPAN		17 FT					
(49) STRUCTURE LENGTH		36 FT					
(50) CURB OR SIDEWALK: LEFT .2915 FT RIGHT .2915 FT							
(51) BRIDGE ROADWAY WIDTH CURB TO CURB		19 FT					
(52) DECK WIDTH OUT TO OUT		19.75 FT					
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)		18 FT					
(33) BRIDGE MEDIAN - No Median	CODE	0					
(34) SKEW 0°	(35) STRUCTURE FLARED	0					
(10) INVENTORY ROUTE MIN VERT CLEAR		999.9 FT					
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR		19 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					
				CLASSIFICATION			
				(112) NBIS BRIDGE SYSTEM -	YES		
				(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 - 2-way Traffic	2		
				(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			
				(58) DECK	7		
				(59) SUPERSTRUCTURE	7		
				(60) SUBSTRUCTURE	4		
				(61) CHANNEL & CHANNEL PROTECTION	7		
				(62) CULVERTS	N		
				LOAD RATING AND POSTING			
				(31) DESIGN LOAD Unknown	0		
				(63) OPERATING RATING METHOD - Allowable Stress	2		
				(64) OPERATING RATING - HS-1	1		
				(65) INVENTORY RATING METHOD - Allowable Stress	2		
				(66) INVENTORY RATING - HS-1	1		
				(70) BRIDGE POSTING - Posting Required	0		
				(41) STRUCTURE OPEN, POSTED ,OR CLOSED DESCRIPTION - Posted for Load	P		
				APPRAISAL			
				(67) STRUCTURAL EVALUATION	3		
				(68) DECK GEOMETRY	2		
				(69) UNDERCLEARANCES, VERTI & HORIZ	N		
				(71) WATERWAY ADEQUACY	7		
				(72) APPROACH ROADWAY ALIGNMENT	8		
				(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 1760	(115) YEAR FUTURE ADT	2025	
				INSPECTIONS			
				(90) INSPECTION DATE	10/01/2013		
				(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: 10/17/2013

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :	
ORANGE	7	1	670075	36	FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
SR1127	NEW HOPE CREEK

LOCATED :	BRIDGE NAME :	CITY :
0.6 MI. W. JCT. SR1113		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
09	NFA	NFA	880 2012	LT 227 RT 227

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

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :		
1987	BMU	5.5051	TAN	90	ON 2	UNDER	0

NAVIGATION :			HT. CRN. TO BED :		WATER DEPTH :		
VC 0 FT	HC 0 FT		10 FT		1		FT

SUPERSTRUCTURE :	TIMBER DECK ON TIMBER JOISTS
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SUBSTRUCTURE :	END&INT.BTS:TIMBER CAPS&PILES,CONC.ENCASED,TIMBER BULKHEADS
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SPANS :	2@17'9
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BEAMS OR GIRDERS :	SP#1:13 LINES, SP#2:14 LINES 6X12 TIMBER JOISTS @ VAR.CTS.
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FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
4X8 TIM,1 AWS		19.75 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
19 FT	19.583 FT	LT .2915 FT RT .2915 FT

VERT.CL.OVER :
999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :				
HS-1	HS-1	int.joist	SV 16	TTST 24	DATE	09/19/2008	

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

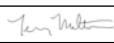
UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTION RECORD AND SUMMARY

INSPECTION TYPE Routine Inspection
 BRIDGE NO. 670075 COUNTY ORANGE ROUTE SR1127 OVER NEW HOPE CREEK
 STRUCTURE TYPE TIMBER DECK ON TIMBER JOISTS
 ROUTE ORIENTATION W - E 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	G	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				
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	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							
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			O
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		F	SNOOPER (CODE S, 4, OR N)	HRS	NO	
	c. BULKHEADS, WING'S, & TIE BACKS		P	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:			
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 TERRY MELTON			
Assisted By D.HACKNEY			
Item No.	Grade		
1	F	AWS CRACKING ALONG TIMBER DECKING EDGES SCATTERED ALONG SPAN LENGTHS.	
2b	G	TIMBERS ARE WEATHERED	
3b	F	TIMBERS WEATHERED AND CHECKED, CRACKING AROUND NAILS ALLOWING TIMBERS TO COME LOOSE.	
4	F	CURB TIMBERS WEATHERED AND CHECKED WITH CORNER SPLITS.	
7	G	LIGHT VEGETATION GROWING ALONG CURB LINES.	
10A	NO	NO CURVED GIRDERS	
11	G	TIMBERS WEATHERED AND CHECKED, CORNER SPLITS AT BEARINGS.	
35a	G	TIMBERS WEATHERED AND CHECKED.	
35b	F	TIMBERS WEATHERED AND CHECKED, DELAM AROUND CHECK CRACKS, TIMBERS SOFT AROUND BASE. PILES 1 & 4 REPLACED. CONCRETE COLLAR ON PILE 1 CRACKED, CRACK RUNNING FROM PILE DOWN TO FOOTING. ON BOTH CORNERS.	
35c	P	WING TIMBER PILES SHOWING DECAY, AROUND BASE AND ON UPPER PORTIONS, HOLLOW SOUNDING. TIMBER BACKWALLS AND WINGS SHOWING DECAY, END BENT 1 AROUND PILE 5 DECAY ALL THE WAY THROUGH BACKWALL EXPOSING FILL. END BENT 2 HAS SCATTERED DECAY AREAS. TOP OF WING TIMBERS SHOWING DECAY AND BROKEN.	
36e	F	CONCRETE SILLS WEATHERED AND SCALED UP TO 1/8"DEEP. END BENT 2 SILL CRACKED AT 5, VERTICAL CRACK RUNNINGS TO MUD LINE AND IS UP TO A 1/8"WIDE.	
50	F	EAST END APPROACH CRACKED AND SETTLED ALONG FILL FACE, UP TO 1" ALONG ROADWAY EDGES. WEST END APPROACH CRACKED ALONG FILL FACE.	

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		
54	F	NOTICED DEFLECTION UNDER HEAVY LOADS.	
62	YES	SV- 16, TTST- 24	

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 670075

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	20	EAST END APPROACH SETTLED	
3346	Repair / Maintain Timber Wings & Blkhds	SF	80	WINGS AND BULKHEAD TIMBERS SHOWING DECAY	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined



WEAR SURFACE CRACKING AT END BENT 1



WEAR SURFACE CRACKING AT TIMBER DECKING BOARD JOINTS IN BOTH SPANS



WEAR SURFACE CRACKING AT END BENT 2



SETTLEMENT ON EAST END APPROACH



VEGETATION AND DEBRIS ON DECK



DECAY ON BULKHEAD AT END BENT 1 BEHIND PILE 5



TEMPORARY REPAIRS ON PILE 4 AT END BENT 1



TEMPORARY REPAIRS ON PILE 1 AT END BENT 1



CRACKING ON COLLAR OF PILE 1 AT END BENT 1



DECAY ON BULKHEAD AT END BENT 2 BETWEEN PILES 3 AND 5

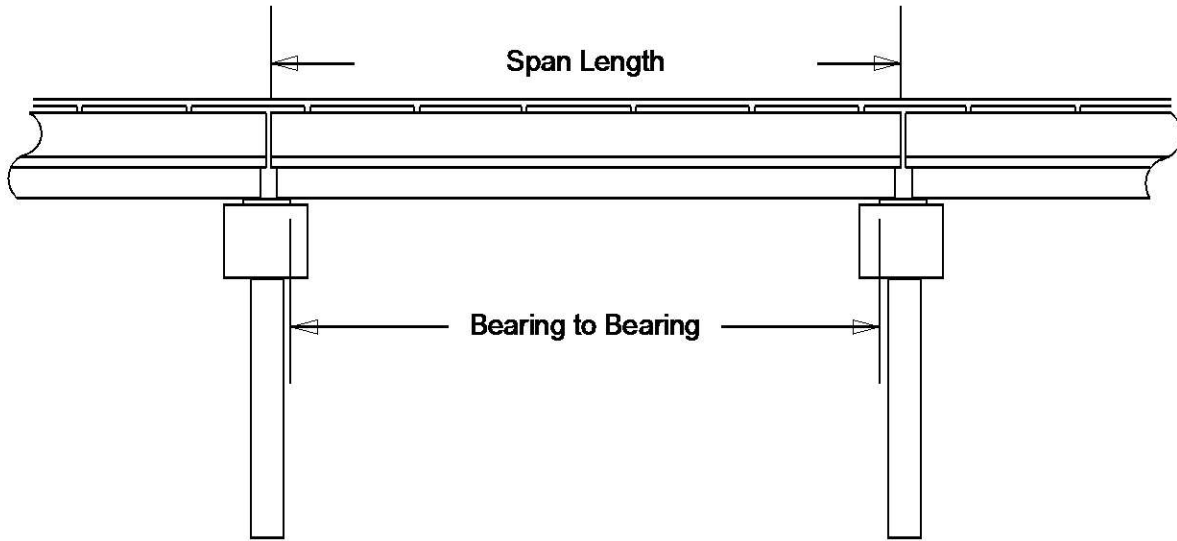


CRACKING ON FOOTER AT END BENT 2 UNDER PILE 4

Structure Data Worksheet

Spans

County: ORANGE Structure No: 670075 Date: 10/01/2013 Inspected By: TFM



Span No	Span Length	Bearing to Bearing	Comments
1	17.75	16.582	NBIS BL 33.5
2	17.75	16.582	

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 670075 County: ORANGE Date: 10/01/2013 By: TFM

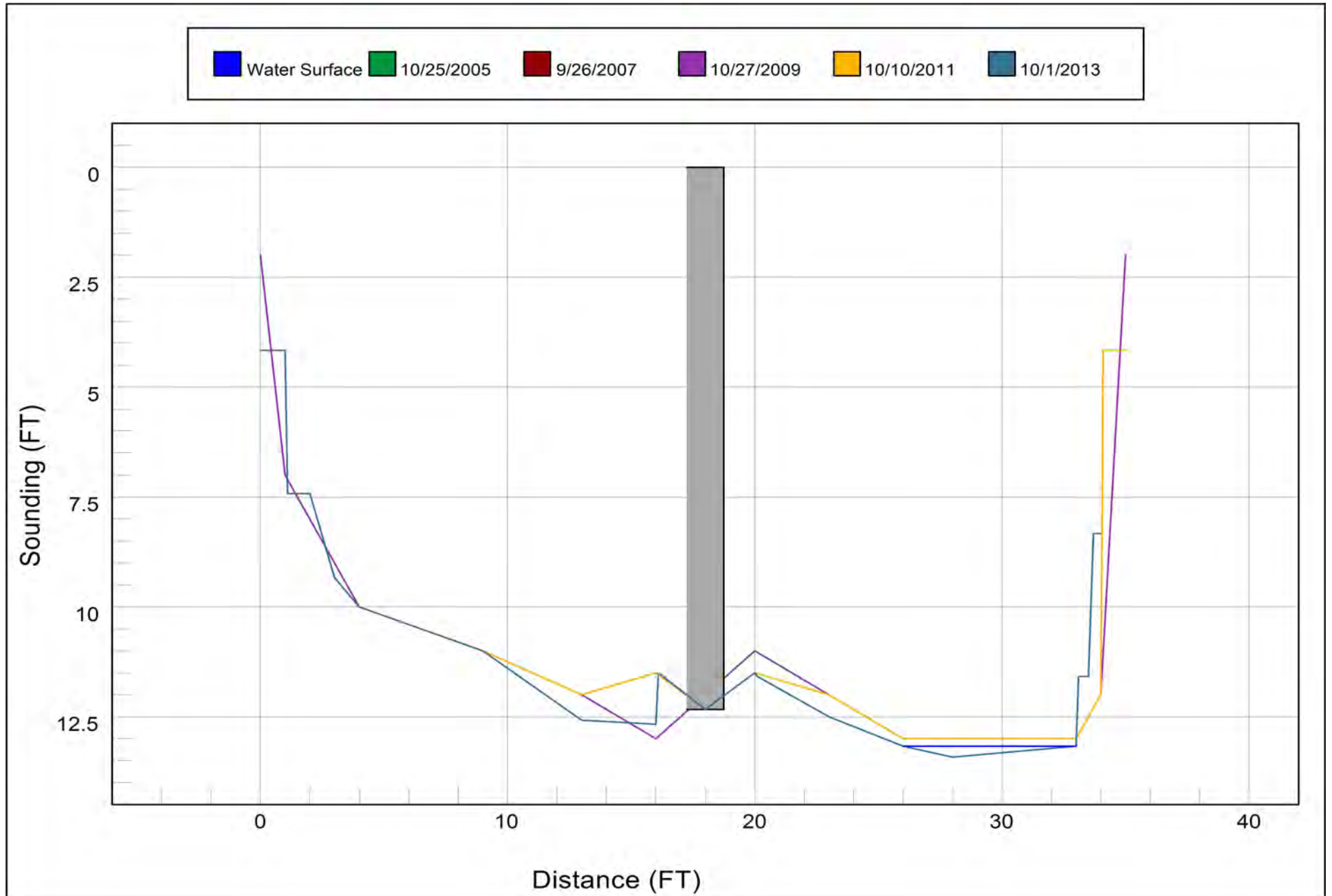
Record sounding from top of rail. Other location if needed: _____

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	7.417	TOP OF SILL			
2	7.417	TOP OF SILL			
3	9.333	GROUND AT SILL	3	9	
4	10				
9	11				
13	12.58	NO H2O AT THIS INSPECTION			
16	12.67	TOP OF SILL			
16.1	11.5				
18	12.333	Bent	18	10	
20	11.5	TOP OF SILL			
20.1	11.58				
23	12.5				
26	13.17	Water Surface/Water Edge (WSWE)			
28	13.42				
33	13.17	Water Surface/Water Edge (WSWE)			
33.1	11.58	TO SILL			
33.5	11.58	TOP OF SILL			
33.7	8.33	Top of Cap			
34	8.33	Top of Cap	34	12	

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch



Roadway	18ft Wide	2 Paved Lanes	Looking North
Left Shoulder	4ft Wide		4ft Unpaved
Right Shoulder	4ft Wide		4ft Unpaved

MEASUREMENTS VERIFIED BY DH 10/1/13

Title

APPROACH ROADWAY SKETCH

Description

APPROACH ROADWAY SKETCH

Bridge No: 670075

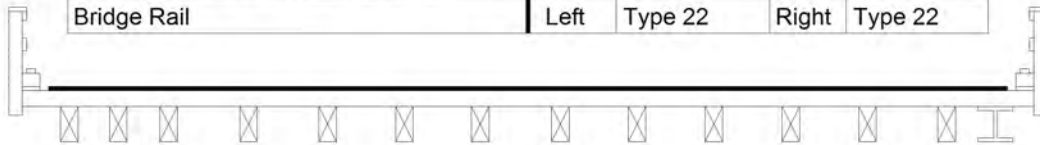
Drawn By: SED

Date: 10/27/09

File Name: S0066000629

Bridge Inspection Field Sketch

Deck Width/Out to Out	19.75ft	Between Rails	19.583ft
Clear Roadway	19ft	Wearing Surface	.083ft
Median Width		Median Height	
Curb Height		Left .667ft	Right .667ft
Sidewalk Width		Left	Right
Clear Roadway (Rail to Median)		Left	Right
Guardrail Width		Left .5ft	Right .5ft
Top of Rail to Deck/Wearing Surface		Left 2.75ft	Right 2.75ft
Bridge Rail		Left Type 22	Right Type 22



Measurements for Span #	1		
Deck Thickness	.313	Left Overhang	.917
Top of Rail to Bottom of Beam	4.167	Right Overhang	.917

Beam Number	Beam Type	Spacing	Comments
1	Timber (Rectangular)	.959ft	SPAN 1 ONLY
2	Timber (Rectangular)	.98ft	SPAN 1 ONLY
3	Timber (Rectangular)	1.563ft	SPAN 1 ONLY
4	Timber (Rectangular)	1.542ft	SPAN 1 ONLY
5	Timber (Rectangular)	1.5ft	SPAN 1 ONLY
6	Timber (Rectangular)	1.48ft	SPAN 1 ONLY
7	Timber (Rectangular)	1.563ft	SPAN 1 ONLY
8	Timber (Rectangular)	1.5ft	SPAN 1 ONLY
9	Timber (Rectangular)	1.5ft	SPAN 1 ONLY
10	Timber (Rectangular)	1.5ft	SPAN 1 ONLY
11	Timber (Rectangular)	1.5ft	SPAN 1 ONLY
12	Timber (Rectangular)	1.542ft	SPAN 1 ONLY
13	Timber (Rectangular)	0.959ft	SPAN 1 ONLY
14			SPAN 1 ONLY

JOIST SIZE: 11-1/2IN HIGH X 5-3/4IN WIDE

MEASUREMENTS VERIFIED BY DH 10/1/13

Title

STRUCTURE DATA SKETCH

Description

STRUCTURE DATA SKETCH

Bridge No: 670075

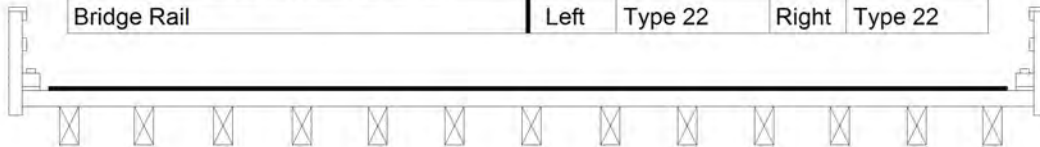
Drawn By: SED

Date: 10/27/09

File Name: S0066000630

Bridge Inspection Field Sketch

Deck Width/Out to Out	19.75ft	Between Rails	19.583ft
Clear Roadway	19ft	Wearing Surface	.083ft
Median Width		Median Height	
Curb Height		Left .667ft	Right .667ft
Sidewalk Width		Left	Right
Clear Roadway (Rail to Median)		Left	Right
Guardrail Width		Left .5ft	Right .5ft
Top of Rail to Deck/Wearing Surface		Left 2.75ft	Right 2.75ft
Bridge Rail		Left Type 22	Right Type 22



Measurements for Span #	2		
Deck Thickness	.313	Left Overhang	.917
Top of Rail to Bottom of Beam	4.167	Right Overhang	.917

Beam Number	Beam Type	Spacing	Comments
1	Timber (Rectangular)	1.459ft	SPAN 2 ONLY
2	Timber (Rectangular)	1.542ft	SPAN 2 ONLY
3	Timber (Rectangular)	1.542ft	SPAN 2 ONLY
4	Timber (Rectangular)	1.48ft	SPAN 2 ONLY
5	Timber (Rectangular)	1.5ft	SPAN 2 ONLY
6	Timber (Rectangular)	1.5ft	SPAN 2 ONLY
7	Timber (Rectangular)	1.542ft	SPAN 2 ONLY
8	Timber (Rectangular)	1.5ft	SPAN 2 ONLY
9	Timber (Rectangular)	1.5ft	SPAN 2 ONLY
10	Timber (Rectangular)	1.48ft	SPAN 2 ONLY
11	Timber (Rectangular)	1.5ft	SPAN 2 ONLY
12	Timber (Rectangular)	1.48ft	SPAN 2 ONLY
13	Timber (Rectangular)	ft	SPAN 2 ONLY

MEASUREMENTS VERIFIED BY DH 10/1/13

Title

STRUCTURE DATA SKETCH SPAN 2

Description

STRUCTURE DATA SKETCH SPAN 2

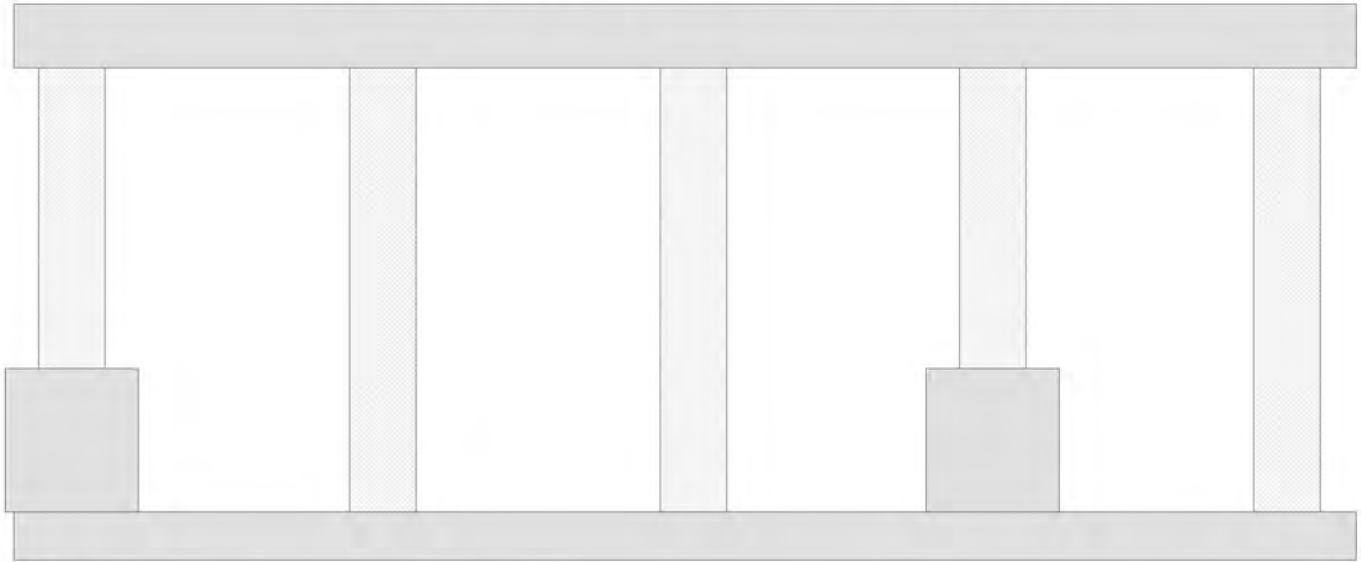
Bridge No: 670075

Drawn By: SED

Date: 10/27/09

File Name: S0066000631

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.				
20.170 ft.	.792 ft.	.959 ft.	.870 ft.	1 ft.	1.000 ft.	1.000 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
28.000 ft.	3 ft.	3.333 ft.								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	4.67 ft.	1 ft.				No	No	No	Yes
2	Timber	4.67 ft.	1 ft.				No	No	No	No
3	Timber	4.5 ft.	1 ft.				No	No	No	No
4	Timber	4.42 ft.	1 ft.				No	No	No	Yes
5	Timber		1 ft.				No	No	No	No
Bent/Abutment #: 1			Similar Bents:							

Title

END BENT 1

Description

PILE DIAGRAM END BENTS

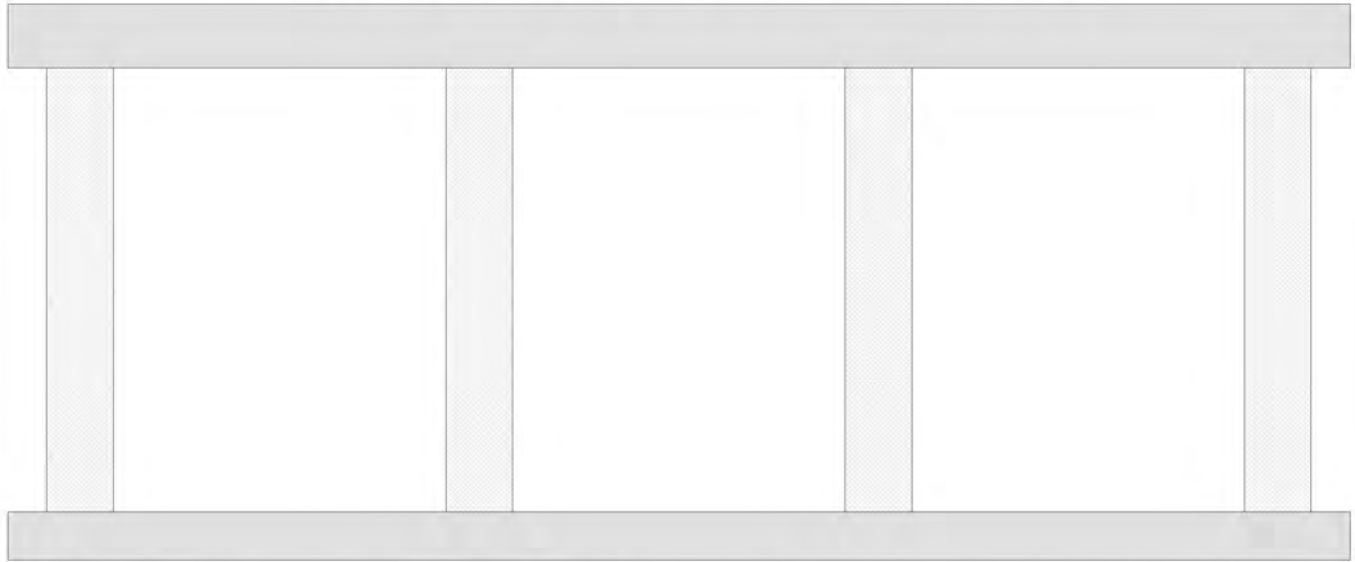
Bridge No: 670075

Drawn By: DH

Date: 10/1/13

File Name: S0066000632

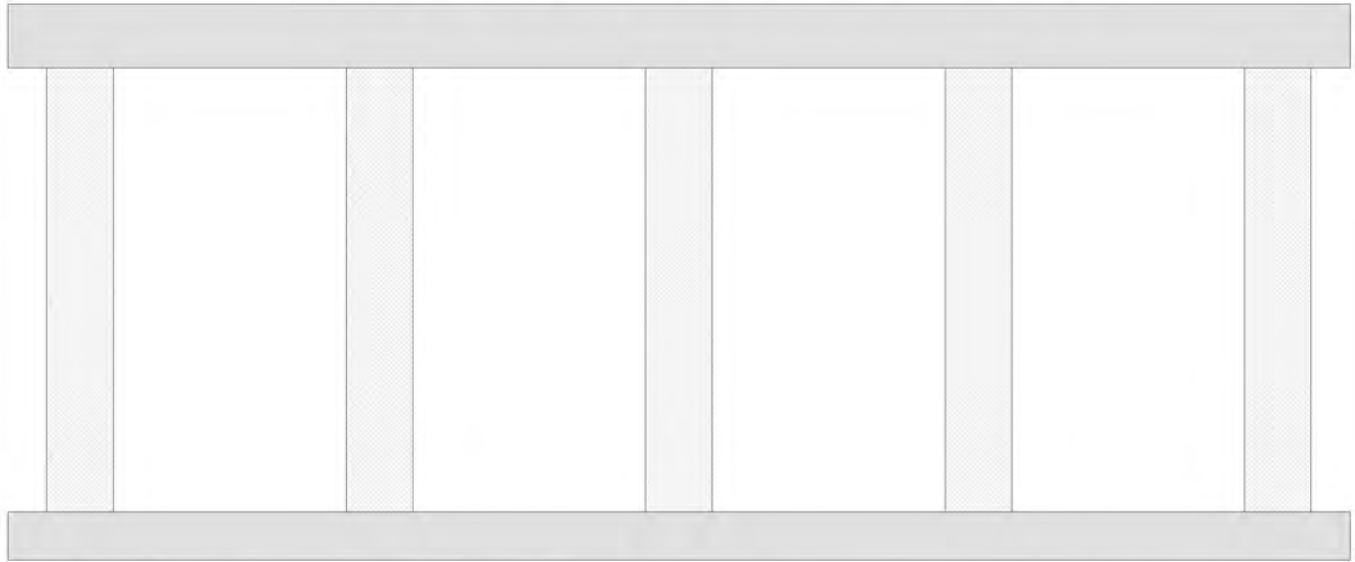
Bridge Inspection Field Sketch



Cap Information			Material Timber							
Length	Width	Height	Left Overhang	Right Overhang	Left Beam to End of Cap.	Right Beam to End of Cap.				
20.170 ft.	.792 ft.	.959 ft.	1.083 ft.	1.083 ft.	1.000 ft.	1.000 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
23.670 ft.	3 ft.	3.667 ft.								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	6 ft.	1 ft.			Vertical	No	No	No	No
2	Timber	6 ft.	1 ft.			Vertical	No	No	No	No
3	Timber	6 ft.	1 ft.			Vertical	No	No	No	No
4	Timber		1 ft.			Vertical	No	No	No	No
Bent/Abutment #: 1			Similar Bents:							

Title		Description	
PILE DIAGEAM PIER		PILE DIAGEAM PIER	
Bridge No: 670075	Drawn By: DH	Date: 10/1/13	File Name: S0066000633

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.			
20.170 ft.	.792 ft.	.959 ft.	1.083 ft.	1.083 ft.	1.000 ft.		1.000 ft.			
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
28.000 ft.	3 ft.	3.333 ft.								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	4.5 ft.	1 ft.				No	No	No	No
2	Timber	4.5 ft.	1 ft.				No	No	No	No
3	Timber	4.5 ft.	1 ft.				No	No	No	No
4	Timber	4.5 ft.	1 ft.				No	No	No	No
5	Timber		1 ft.				No	No	No	No
Bent/Abutment #: 2			Similar Bents:							

Title END BENT 2			Description END BENT 2		
Bridge No: 670075	Drawn By: DH	Date: 10/1/2013	File Name: S0066074620		



NARROW BRIDGE



LOOKING EAST



LOOKING WEST



WEIGHT LIMIT SIGN



LOOKING WEST FROM DECK



LOOKING EAST FROM DECK



WEST END APPROACH



WEAR SURFACE AT END BENT 1



WEAR SURFACE AT END BENT 2



EAST END APPROACH



LOOKING UPSTREAM



LOOKING DOWNSTREAM



PIER



END BENT 1



END BENT 2



LOOKING UPSTREAM



LOOKING DOWNSTREAM



UNDERSIDE OF DECK



SOUTH PROFILE



NORTH PROFILE