



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION

PM'S ISSUED
TEMPORARY REPAIRS

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY ORANGE BRIDGE NUMBER 670073 INSPECTION CYCLE 2 YRS
ROUTE SR1115 ACROSS CANE CREEK M.P. 0

LOCATION 0.7 MI. E. JCT. SR1114

SUPERSTRUCTURE TIMBER DECK ON TIMBER JOISTS

SUBSTRUCTURE END&INTBTS:TIMBER CAPS,POSTS&PILES,CONC.ENCASED,TIM.BULKHEAD

SPANS 2@17'9

LONGITUDE 79° 11' 38.01"

LATITUDE 35° 59' 55.00"

INSPECTION DATE 10/02/2013

PRESENT CONDITION FAIR

PRESENT POSTING SV 20 TTST 30 SV 19 TTST 28

PROPOSED POSTING

OTHER SIGNS PRESENT 4 DELINEATORS



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></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>

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

BRIDGE: **670073** 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 <i>10/25/13</i>
S I & A ITEM 64 OPERATING RATING	HS <i>01</i>	BY:
S I & A ITEM 66 - INVENTORY RATING	HS <i>01</i>	BY:

COMMENTS

Piles 3 & 5 @ E.Bt. 2 have been supplemented

Temporary Repair

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

Update Date: 12/04/2013

IDENTIFICATION

(1) STATE NAME -NORTH CAROLINA BRIDGE 670073
 (8) STRUCTURE NUMBER(FEDERAL) 000000001350073
 (5) INVENTORY ROUTE (ON/UNDER) - ON 31011150
 (2) STATE HIGHWAY DEPARTMENT DISTRICT 1
 (3) COUNTY CODE 135 (4) PLACE CODE 0
 (6) FEATURE INTERSECTED - CANE CREEK
 (7) FACILITY CARRIED SR1115
 (9) LOCATION 0.7 MI. E. JCT. SR1114
 (11) MILEPOINT 0
 (16) LAT 35° 59' 55.00" (17) LONG 79° 11' 38.01"
 (98) BORDER BRIDGE STATE CODE PCT SHARE
 (99) BORDER BRIDGE STRUCTURE NO

SUFFICIENCY RATING = 23.63

STATUS = Structurally Deficient

CLASSIFICATION CODE

(112) NBIS BRIDGE SYSTEM - YES
 (104) HIGHWAY SYSTEM Is not on NHS 0
 (26) FUNCTIONAL CLASS - Minor Collector 08
 (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

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

CONDITION CODE

(58) DECK 5
 (59) SUPERSTRUCTURE 7
 (60) SUBSTRUCTURE 4
 (61) CHANNEL & CHANNEL PROTECTION 7
 (62) CULVERTS N

LOAD RATING AND POSTING CODE

(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 1
 (41) STRUCTURE OPEN, POSTED ,OR CLOSED P
 DESCRIPTION - Posted for Load

AGE AND SERVICE

(27) YEAR BUILT 1956
 (106) YEAR RECONSTRUCTED
 (42) TYPE OF SERVICE : ON - Highway
 UNDER - Waterway CODE 15
 (28) LANES: ON STRUCTURE 2 UNDER STRUCTURE 0
 (29) AVERAGE DAILY TRAFFIC 1100
 (30) YEAR OF ADT 2011 (109) TRUCK ADT PCT 6%
 (19) BYPASS OR DETOUR LENGTH 2 MI

APPRAISAL CODE

(67) STRUCTURAL EVALUATION 3
 (68) DECK GEOMETRY 4
 (69) UNDERCLEARANCES, VERTI & HORIZ N
 (71) WATERWAY ADEQUACY 7
 (72) APPROACH ROADWAY ALIGNMENT 8
 (36) TRAFFIC SAFETY FEATURES 0000
 (113) SCOUR CRITICAL BRIDGES U

GEOMETRIC DATA

(48) LENGTH OF MAXIMUM SPAN 17 FT
 (49) STRUCTURE LENGTH 36 FT
 (50) CURB OR SIDEWALK: LEFT .375 FT RIGHT .375 FT
 (51) BRIDGE ROADWAY WIDTH CURB TO CURB 25.083 FT
 (52) DECK WIDTH OUT TO OUT 26.083 FT
 (32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 16 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 25.083 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

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 2200 (115) YEAR FUTURE ADT 2025

INSPECTIONS

(90) INSPECTION DATE 10/02/2013

(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

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

Update Date: 12/04/2013

COUNTY : ORANGE	DIVISION : 7	DISTRICT : 1	STRUCTURE NUMBER : 670073	LENGTH : 36 FEET
ROUTE CARRIED : SR1115		FEATURE INTERSECTED : CANE CREEK		
LOCATED : 0.7 MI. E. JCT. SR1114		BRIDGE NAME :		CITY :
FUNC. CLASS : 08	SYST.ON : NFA	SYST.UNDER : NFA	ADT & YR : 1100 2011	RAIL TYPE : LT 227 RT 227
BUILT : 1956	BY : BMU	PROJ : 5.5051	FED.AID PROJ :	DESIGN LOAD : Unknown
REHAB :	BY : BMU	PROJ : 5.5051	ALIGNMENT : TAN	SKEW : 90
LANES : ON 2		UNDER 0		
NAVIGATION : VC 0 FT	HC 0 FT	HT. CRN. TO BED : 11 FT	WATER DEPTH : 1 FT	
SUPERSTRUCTURE : TIMBER DECK ON TIMBER JOISTS				
SUBSTRUCTURE : END&INTBTS:TIMBER CAPS,POSTS&PILES,CONC.ENCASED,TIM.BULKHEAD				
SPANS : 2@17'9				
BEAMS OR GIRDERS : SP1:19LN 6X12 TIM.JST@1'4 CTS,SP2:20LN 6X12 TIM.JST@VAR.CTS.				
FLOOR : 4X12 TIM,1.5WS	ENCROACHMENT :		DECK (OUT TO OUT) : 26.083 FT	
CLEAR ROADWAY : 25.083 FT	BETWEEN RAILS : 25.833 FT		SIDEWALK OR CURB : LT .375 FT RT .375 FT	
VERT.CL.OVER : 999.9 FT				
INV.RTG. : HS-1	OPE.RTG. : HS-1	CONTR.MEMBER : Int Joist	POSTED : SV 20	TTST 30 DATE 11/10/2011
SYSTEM : Secondary S.R. Route			GREEN LINE ROUTE : N	
UNDER ROUTES AND CLEARANCES				

REMARKS :

BRIDGE INSPECTION RECORD AND SUMMARY

INSPECTION TYPE Routine Inspection
 BRIDGE NO. 670073 COUNTY ORANGE ROUTE SR1115 OVER CANE 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		
2. DECK NO. OF EA TYPE SPN GRADE RATES SI & A ITEM 58	a. CONCRETE			45. CHANNEL & CHANNEL PROT.	a. WATERWAY	G
	b. TIMBER	2	F		b. ALIGNMENT	G
	c. STEEL PLANK				c. SCOUR	G
	d. OPEN GRID				d. SLOPE PROT., RIP-RAP, DIKES, ETC.	
3. RAILING					50. APPROACH ROADWAY CONDITION	G
a. CONCRETE					51. APPROACH SLABS	
b. TIMBER				F	52. PAINT SYSTEM	CODE
c. ALUMINUM					53. UTILITIES	
d. STEEL					54. RESPONSE TO LIVE LOAD	F
4. CURBS, WHEELGUARDS, PARAPETS, MEDIANS				F	55. ESTIMATED REMAINING LIFE	10
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	YES	
	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
10. LONGITUDINAL BEAMS OR GIRDERS					b. SUPERSTRUCTURE	ITEM 59
11. LONGITUDINAL JOIST OR STRINGERS				G	c. SUBSTRUCTURE	ITEM 60
12. INT. DIAP'S, X-FRAMES, BRACING & CONN'S					d. CHANNEL & CHANNEL PROT.	ITEM 61
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)					USE OF INSP. ACCESSIBILITY EQUIPMENT	
35. TIM SUB STR.	a. ABUT. & INT. BENT CAPS & RISERS		TSE G	SNOOPER (CODE S, 4, OR N)		HRS
	b. PILES, POST, SILLS, & BRACING		12/4/12 PF			NO
	c. BULKHEADS, WING'S, & TIE BACKS		F	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:	

TSE
12/4/13

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 CRACKED ALONG TIMBER DECKING EDGES, 52 SQUARE FOOT OF PATCHED AREAS WITH OTHER AREA CRACKING STARTING TO BREAK OUT.	
2b	F	TIMBER DECKING LOOSE AND REBOUNING, DISCOLORATION ALONG UNDERSIDE WITH ENDS SOFT ON OLDER TIMBERS, DECAY UP TO 3"DEEP.	
3b	F	LEFT RAIL SUPPORTS LOOSE NEAR END BENT 2. TIMBERS WEATHERED AND CHECKED WITH TIMBERS BOWING AND NAILS PULLING OUT.	
4	F	TIMBERS WEATHERED AND CHECKED WITH CORNER SPLITS.	
10A	NO	NO CURVED GIRDERS	
11	G	TIMBERS WEATHERED AND CHECKED.	
35b	P	TIMBER POSTS ARE WEATHERED AND CHECKED WITH DELAM AROUND CHECK CRACKS. END BENT 1, PILE 3, DECAY AREA AT BASE, 5"DEEP X 6" WIDE X 16"HIGH. PIER 1, PILE 4, DECAY AREA AT BASE, AREA IS 2"DEEP X 8"WIDE X 20"HIGH. PM ISSUED. PILE 5, DECAY AREA ALONG BASE, 5"WIDE X 6" DEEP X 20" HIGH PM ISSUED. END BENT 2, PILE 8 DECAY AREA AT BASE, AREA IS 3"DEEP X 3"WIDE X 4"HIGH.	
35c	F	BULKHEADS AND WING TIMBERS HAVE AREAS OF DECAY, SE WING HAS FULL DEPTH DECAY EXPOSING FILL, YELLOW JACKET NEST BEHIND WING. WING POST HAVE HOLLOW SOUNDINGS ALONG TOP PORTIONS.	
36e	F	PIER FOOTING HAS FULL HEIGHT CRACK AT PILE 4 ON SPAN 2 FACE, CRACK IS 1/16" WIDE RUNNING FROM TIMBER PILE DOWN TO MUD LINE	
50	G	ASPHALT ON APPROACHES HAS CRACKING, NO SETTLEMENT.	
54	F	DECK LOOSE AND REBOUNING UNDER LOADS.	
61	YES	PM'S ISSUED ON PIER PILES, 4 & 5	

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- 19; TTST- 28	

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 670073

County ORANGE

Date: 10/02/2013

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	6 <i>TSE</i> <i>12/4/13</i>	PILE 4 AT PIER, DECAY ALONG BASE AT SILL, AREA IS 2"DEEP X 8"WIDE X 20"HIGH.	
 3344	Repair / Replace Timber Substructure Components	LF	6 <i>TSE</i>	PILE 5 AT PIER, DECAY ALONG BASE AT SILL, AREA IS 5"WIDE X 6"DEEP X 20"TALL.	
2816	Asphalt Surface Repair or Replacement	SY	100	AWS CRACKED AND BREAKING UP	
3316	Maint to Timber Handrail	LF	72	TIMBERS WEATHERED AND CHECKED	
3324	Maint / Repair / Replace Timber Deck Components	SF	900	TIMBER DECKING LOOSE	
3344	Repair / Replace Timber Substructure Components	LF	12	DECAY ON PILES AT EB 1, P3 AND EB2, P8	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 670073

County ORANGE

THE FOLLOWING MAINTENANCE ITEMS HAVE BEEN SUBMITTED IN CONJUNCTION WITH A PRIORITY MAINTENANCE REQUEST

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	6 LF
Location:		
Pier Substructure	Bent/Span No. 1	PILE 4
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
10/03/2013	T.MELTON	D.HACKNEY
Details		
PILE 4 AT PIER, DECAY ALONG BASE AT SILL, AREA IS 2"DEEP X 8"WIDE X 20"HIGH.		

MMS Code	MMS Description	Quantity
3344	Repair / Replace Timber Substructure Components	6 LF
Location:		
Pier Substructure	Bent/Span No. 1	PILE 5
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
10/03/2013	T.MELTON	D.HACKNEY
Details		
PILE 5 AT PIER, DECAY ALONG BASE AT SILL, AREA IS 5"WIDE X 6"DEEP X 20"TALL.		



CRACKING ON WEST END APPROACH



WEAR SURFACE CRACKING AT END BENT 1



WEAR SURFACE CRACKING ON DECK AT TIMBER DECKING BOARD JOINTS



WEAR SURFACE CRACKING AT END BENT 2



CRACKING ON EAST END APPROACH



DECAY ON BOTTOM OF PILE 4 AT PIER



DECAY ON BOTTOM OF PILE 5 AT PIER

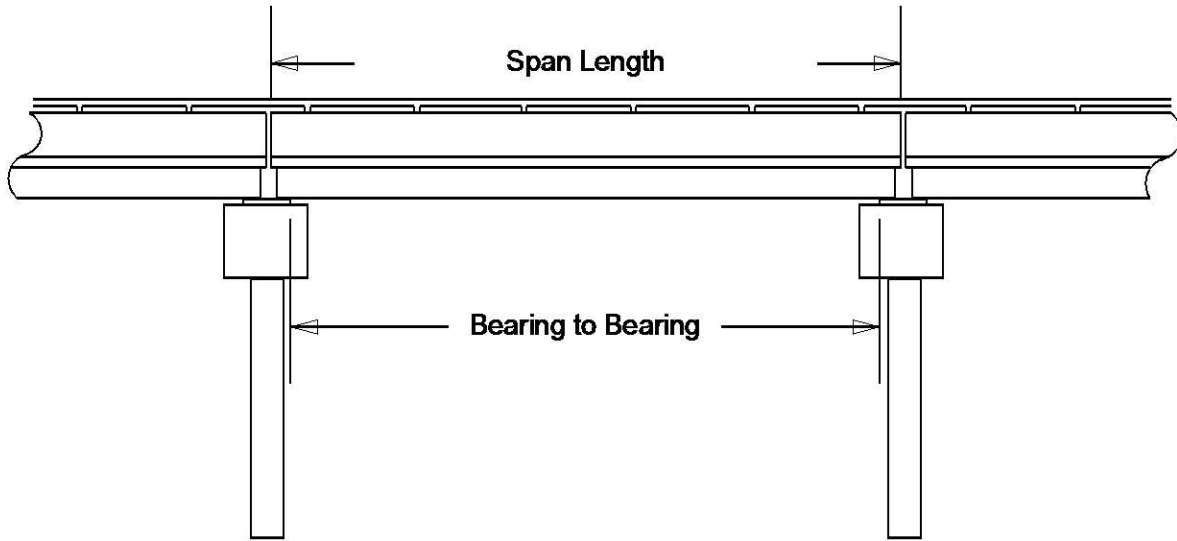


DECAY ON BOTTOM OF PILE 8 AT END BENT 2

Structure Data Worksheet

Spans

County: ORANGE Structure No: 670073 Date: 10/02/2013 Inspected By: TFM



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

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 670073 County: ORANGE Date: 10/02/2013 By: TFM

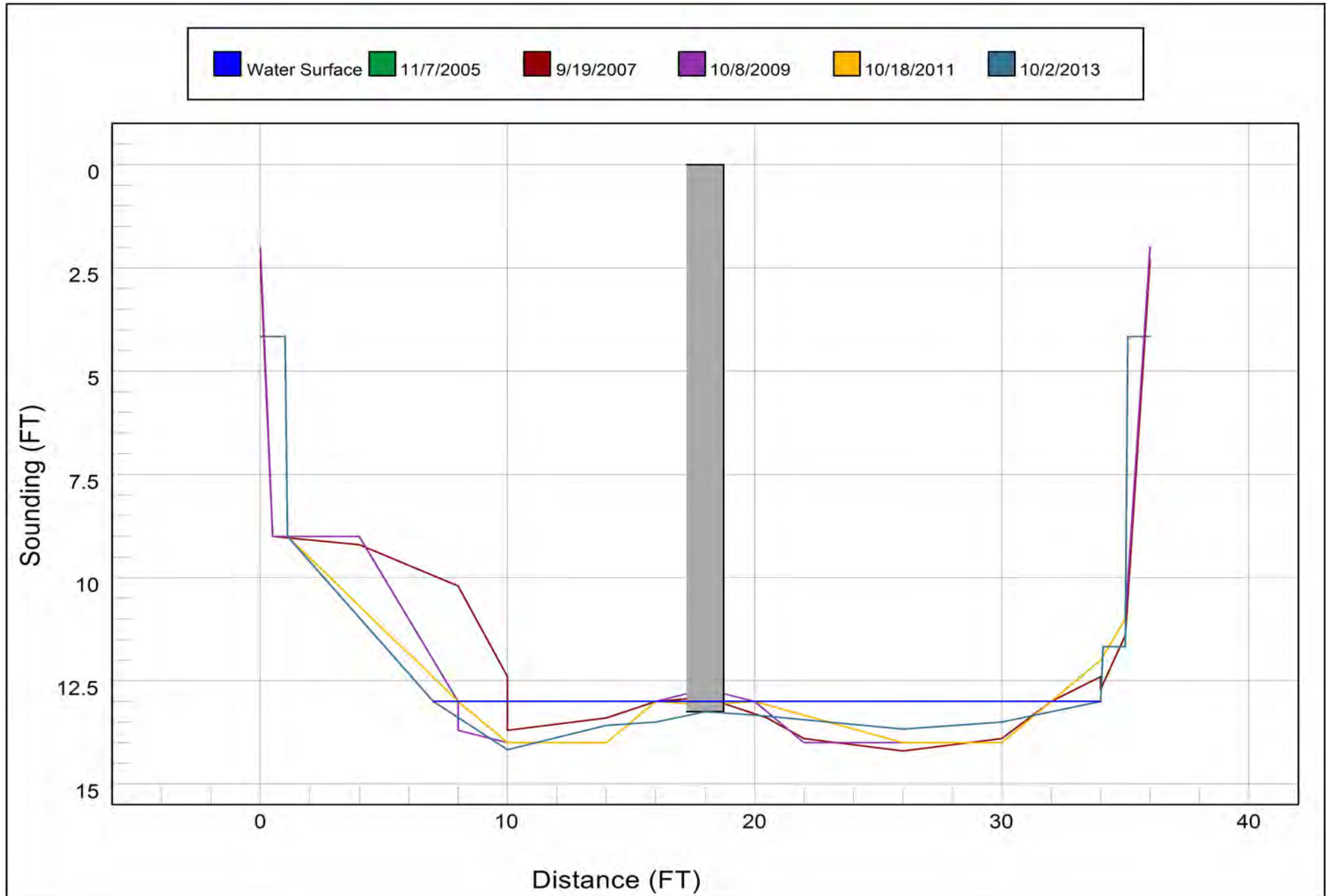
Record sounding from top of rail. Other location if needed: _____

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	9	GROUND AT CAP	1.1	10	
7	13	Water Surface/Water Edge (WSWE)			
10	14.17				
14	13.58				
16	13.5				
18	13.25	Bent	18	13	
20	13.33				
26	13.67				
30	13.5				
34	13	Water Surface/Water Edge (WSWE)			
34.1	11.67	TOP OF SILL			
35	11.67	TOP OF SILL	35	11	
35.1	4.167	Top of Cap			
36	4.167				

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch



Roadway	16ft Wide	2 Paved Lanes	Looking East
Left Shoulder	4ft Wide		4ft Unpaved
Right Shoulder	4ft Wide		4ft Unpaved

MEASUREMENTS VERIFIED BY DH 10/2/13

Title

APPROACH ROADWAY SKETCH

Description

APPROACH ROADWAY SKETCH

Bridge No: 670073

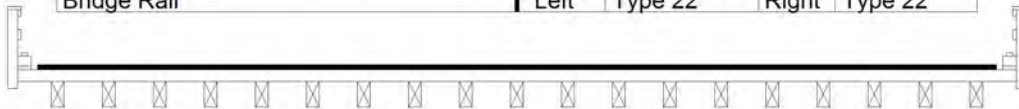
Drawn By: GDP

Date: 10/08/09

File Name: S0066000661

Bridge Inspection Field Sketch

Deck Width/Out to Out	26.083ft	Between Rails	25.833ft
Clear Roadway	25.083ft	Wearing Surface	.123ft
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 2.833ft	Right 2.833ft
Bridge Rail		Left Type 22	Right Type 22



Measurements for Span #	1		
Deck Thickness	.313	Left Overhang	1.042
Top of Rail to Bottom of Beam	4.167	Right Overhang	1.042

Beam Number	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)	ft	SPAN A ONLY

Title

STRUCTURE DATA SKETCH

Description

STRUCTURE DATA SKETCH

Bridge No: 670073

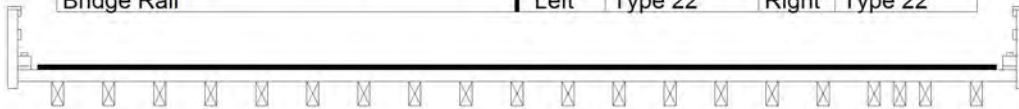
Drawn By: DH

Date: 10/02/13

File Name: S0066000662

Bridge Inspection Field Sketch

Deck Width/Out to Out	26.083ft	Between Rails	25.833ft
Clear Roadway	25.083ft	Wearing Surface	.123ft
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 2.833ft	Right 2.833ft
Bridge Rail		Left Type 22	Right Type 22



Measurements for Span #	2		
Deck Thickness	.313	Left Overhang	1.042
Top of Rail to Bottom of Beam	4.167	Right Overhang	1.042

Beam Number	Beam Type	Spacing	Comments
1	Timber (Rectangular)	1.333ft	SPAN B ONLY
2	Timber (Rectangular)	1.333ft	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)	.667ft	SPAN B ONLY
18	Timber (Rectangular)	.667ft	SPAN B ONLY
19	Timber (Rectangular)	1.333ft	SPAN B ONLY
20	Timber (Rectangular)	ft	SPAN B ONLY

Title

SUPERSTRUCTURE SPAN B

Description

SUPERSTRUCTURE SPAN B

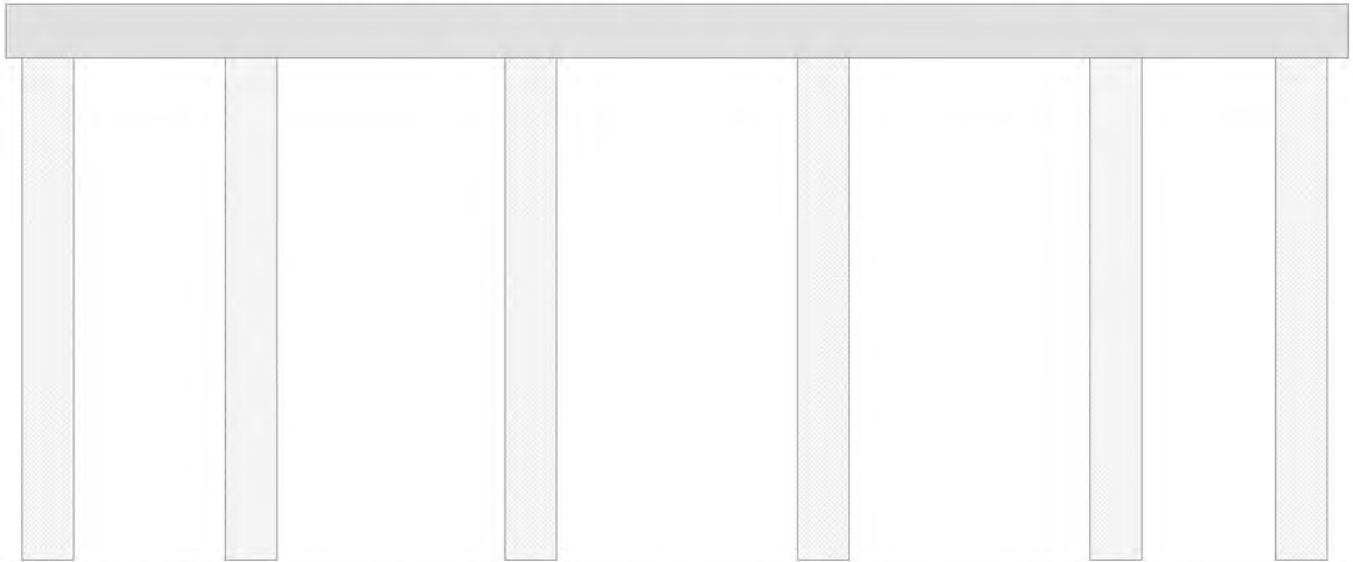
Bridge No: 670073

Drawn By: DH

Date: 10/02/13

File Name: S0066000663

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.	1.042 ft.	1.042 ft.	.5 ft.	.5 ft.	1.02 ft.	1.02 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height								
26 ft.	3 ft.	2.5 ft.								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	4.25 ft.	1 ft.				No	No	No	No
2	Timber	5.417 ft.	1 ft.				No	No	No	No
3	Timber	5.833 ft.	1 ft.				No	No	No	No
4	Timber	5.667 ft.	1 ft.				No	No	No	No
5	Timber	3.833 ft.	1 ft.				No	No	No	No
6	Timber		1 ft.				No	No	No	No
Bent/Abutment #: 1			Similar Bents:							

Title

PILE DIAGRAM END BENT 1

Description

PILE DIAGRAM END BENT 1

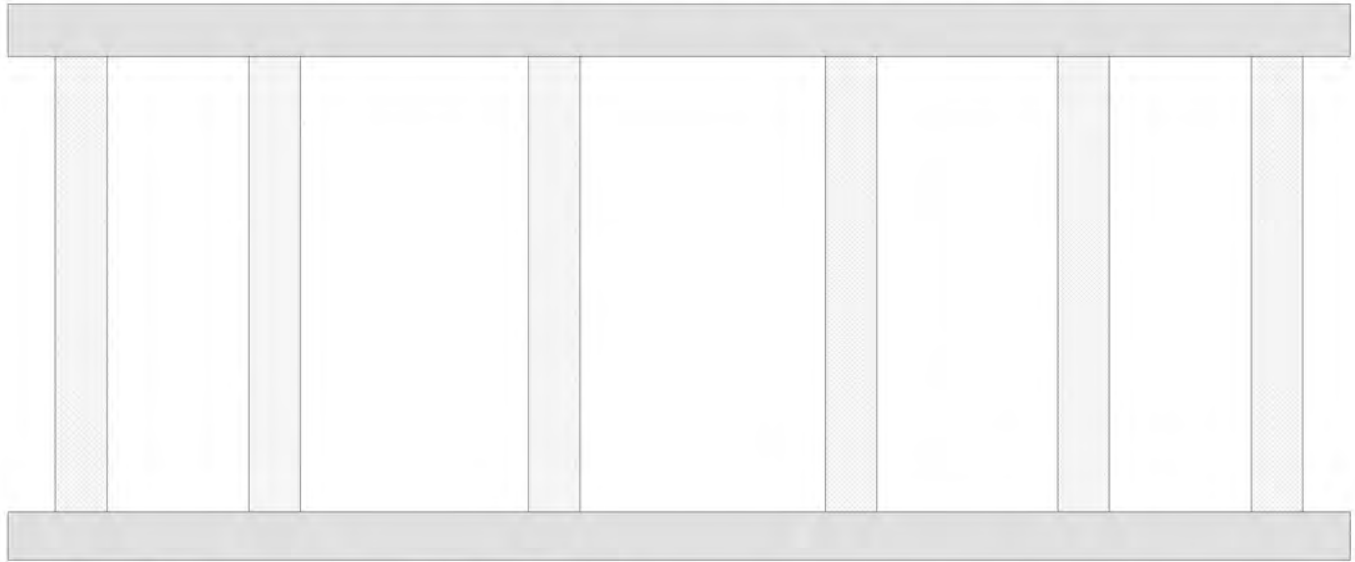
Bridge No: 670073

Drawn By: TFM

Date: 10/2/2013

File Name: S0066000664

Bridge Inspection Field Sketch



Cap Information			Material Timber							
Length 26 ft.	Width 1 ft.	Height 1.02 ft.	Left Overhang 1.417 ft.	Right Overhang 1.417 ft.	Left Beam to End of Cap. 1.02 ft.	Right Beam to End of Cap. 1.02 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length 24.000 ft.	Width 3 ft.	Height 3.167 ft.								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	3.75 ft.	1 ft.			Vertical	No	No	No	No
2	Timber	5.417 ft.	1 ft.			Vertical	No	No	No	No
3	Timber	5.75 ft.	1 ft.			Vertical	No	No	No	No
4	Timber	4.5 ft.	1 ft.			Vertical	No	No	No	No
5	Timber	3.75 ft.	1 ft.			Vertical	No	No	No	No
6	Timber		1 ft.			Vertical	No	No	No	No
Bent/Abutment #: 1			Similar Bents:							

Title PILE DIAGRAM PIER			Description PILE DIAGRAM PIER		
Bridge No: 670073	Drawn By: DH	Date: 10/02/13	File Name: S0066000665		

Bridge Inspection Field Sketch										
Cap Information			Material Timber							
Length 26 ft.	Width .959 ft.	Height 1.02 ft.	Left Overhang .5 ft.	Right Overhang .5 ft.	Left Beam to End of Cap. 1.02 ft.		Right Beam to End of Cap. 1.02 ft.			
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length 26 ft.	Width 3 ft.	Height 1.667 ft.								
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	4.33 ft.				Vertical	No	No	No	No
2	Timber	4.25 ft.				Vertical	No	No	No	No
3	Timber	1 ft.				Vertical	No	Yes	No	No
4	Timber	3 ft.				Vertical	No	No	No	No
5	Timber	2.75 ft.				Vertical	No	No	No	No
6	Timber	1 ft.				Vertical	No	Yes	No	No
7	Timber	4.917 ft.				Vertical	No	No	No	No
8	Timber	3.833 ft.				Vertical	No	No	No	No
9	Timber					Vertical	No	No	No	No
Bent/Abutment #: 2			Similar Bents:							
Title						Description				
PILE DIAGRAM END BENT 2						PILE DIAGRAM END BENT 2				
Bridge No: 670073		Drawn By: DH			Date: 10/02/13			File Name: S0066000666		



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 DOWNSTREAM



LOOKING UPSTREAM



END BENT 1



LOOKING UPSTREAM



LOOKING DOWNSTREAM



END BENT 2



UNDERSIDE OF DECK



PIER



SOUTH PROFILE



NORTH PROFILE