



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION

PM ISSUED ON DECK BOARDS ON EAST SIDE, END
BENT 1 HAS BEEN SHORED WITH EXTRA PILE PUT IN
BESIDE OF PILE 2

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY ROWAN BRIDGE NUMBER 790236 INSPECTION CYCLE 2 YRS
ROUTE SR1221 ACROSS CREEK M.P. 0

LOCATION 0.4 MI. N. JCT. SR1210

SUPERSTRUCTURE TIMBER DECK ON I-BEAMS

SUBSTRUCTURE END BENTS:TIMBER CAPS,POSTS & SILLS,TIMBER BULKHEADS

SPANS 1@25'6

LONGITUDE 80° 35' 17.23"

LATITUDE 35° 32' 23.27"

INSPECTION DATE 08/06/2014

PRESENT CONDITION FAIR

PRESENT POSTING Y SV 15 - TTST 20

PROPOSED POSTING

OTHER SIGNS PRESENT 4 DELINEATORS



LOOKING NORTH

Fracture Critical	<u>No</u>
Temporary Shoring	<u>Yes</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: 790236 COUNTY: RowanDATE: 9/4/2012

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	<u>T</u>	<u>TSE</u>
S I & A ITEM 59 - SUPERSTRUCTURE		
S I & A ITEM 60 - SUBSTRUCTURE	<u>5</u>	<u>TSE 9/10/12</u>
S I & A ITEM 64 OPERATING RATING		
HS <u>01</u> BY: <u>AK</u>		
S I & A ITEM 66 - INVENTORY RATING		
HS <u>01</u> BY: <u>AK</u>		

COMMENTS

post 2 at end bent. 1 supplemented.
Temporary Repair

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

Run Date: 09/23/2014

IDENTIFICATION				CLASSIFICATION			
(1) STATE NAME -NORTH CAROLINA	BRIDGE	790236		SUFFICIENCY RATING =		28.21	
(8) STRUCTURE NUMBER(FEDERAL)		000000001590236		STATUS =	Functionally Obsolete		
(5) INVENTORY ROUTE (ON/UNDER) - ON		31012210					
(2) STATE HIGHWAY DEPARTMENT DISTRICT		1					
(3) COUNTY CODE	159	(4) PLACE CODE	36860	(112)NBIS BRIDGE SYSTEM -		YES	
(6) FEATURE INTERSECTED - CREEK				(104)HIGHWAY SYSTEM	Is not on NHS	0	
(7) FACILITY CARRIED SR1221				(26) FUNCTIONAL CLASS -	Local	19	
(9) LOCATION 0.4 MI. N. JCT. SR1210				(100)STRAHNET HIGHWAY -	Not a STRAHNET Route	0	
(11)MILEPOINT		0		(101)PARALLEL STRUCTURE -	No Parallel Structure	N	
(16)LAT 35° 32' 23.27"	(17)LONG	80° 35' 17.23"		(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	
				(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				CONDITION			
(43) STRUCTURE TYPE MAIN: Steel				(58) DECK		5	
TYPE - Stringer Multibeam or Girder		CODE	302	(59) SUPERSTRUCTURE		5	
(44) STRUCTURE TYPE APPR :				(60) SUBSTRUCTURE		5	
TYPE -		CODE	000	(61) CHANNEL & CHANNEL PROTECTION		7	
(45) NUMBER OF SPANS IN MAIN UNIT		1		(62) CULVERTS		N	
(46) NUMBER OF APPROACH SPANS							
(107)DECK STRUCTURE TYPE - 8		CODE		LOAD RATING AND POSTING			
(108)WEARING SURFACE / PROTECTIVE SYSTEM :				(31) DESIGN LOAD	Unknown	0	
(A) TYPE OF WEARING SURFACE -		CODE		(63) OPERATING RATING METHOD -	Load Factor	1	
(B) TYPE OF MEMBRANE -		CODE		(64) OPERATING RATING -	HS-1	1	
(C) TYPE OF DECK PROTECTION -		CODE		(65) INVENTORY RATING METHOD -	Load Factor	1	
				(66) INVENTORY RATING -	HS-1	1	
				(70) BRIDGE POSTING -	Posting Required	0	
				(41) STRUCTURE OPEN, POSTED ,OR CLOSED		P	
				DESCRIPTION -	Posted for Load		
AGE AND SERVICE				APPRAISAL			
(27) YEAR BUILT		1963		(67) STRUCTURAL EVALUATION		3	
(106)YEAR RECONSTRUCTED				(68) DECK GEOMETRY		4	
(42) TYPE OF SERVICE : ON - Highway				(69) UNDERCLEARANCES,VERTI & HORIZ		N	
UNDER - Waterway		CODE	15	(71) WATERWAY ADEQUACY		7	
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE		0		(72) APPROACH ROADWAY ALIGNMENT		8	
(29) AVERAGE DAILY TRAFFIC		480		(36) TRAFFIC SAFETY FEATURES		0000	
(30) YEAR OF ADT 2012	(109) TRUCK ADT PCT	7%		(113)SCOUR CRITICAL BRIDGES		U	
(19) BYPASS OR DETOUR LENGTH		0 MI		PROPOSED IMPROVEMENTS			
GEOMETRIC DATA				(75) TYPE OF WORK -		CODE	
(48) LENGTH OF MAXIMUM SPAN		25 FT		(76) LENGTH OF STRUCTURE IMPROVEMENT			
(49) STRUCTURE LENGTH		26 FT		(94) BRIDGE IMPROVEMENT COST			
(50)CURB OR SIDEWALK: LEFT .5 FT RIGHT .5 FT				(95) ROADWAY IMPROVEMENT COST			
(51) BRIDGE ROADWAY WIDTH CURB TO CURB		24.083 FT		(96) TOTAL PROJECT COST			
(52) DECK WIDTH OUT TO OUT		25.417 FT		(97) YEAR OF IMPROVEMENT COST ESTIMATE			
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)		19 FT		(114)FUTURE ADT 960	(115) YEAR FUTURE ADT	2025	
(33) BRIDGE MEDIAN - No Median		CODE	0	INSPECTIONS			
(34) SKEW 0°	(35) STRUCTURE FLARED	0		(90) INSPECTION DATE		08/06/2014	
(10) INVENTORY ROUTE MIN VERT CLEAR		999.9 FT		(92) CRITICAL FEATURE INSPECTION :		(93) CFI DATE	
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR		24.083 FT		A) FRACTURE CRIT DETAIL -	NO	A)	
(53) MIN VERT CLEAR OVER BRIDGE RDWY		999.9 FT		B) UNDERWATER INSP -	NO	B)	
(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad		0 FT		C) OTHER SPECIAL INSP	NO	C)	
(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad		000 FT		SCOUR			
(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					

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 09/23/2014

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :	
ROWAN	9	1	790236	26	FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
SR1221	CREEK

LOCATED :	BRIDGE NAME :	CITY :
0.4 MI. N. JCT. SR1210		*LANDIS

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
19	NFA	NFA	480 2012	LT 227 RT 227

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1963	BMU			Unknown

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

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

SUPERSTRUCTURE :	TIMBER DECK ON I-BEAMS
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SUBSTRUCTURE :	END BENTS:TIMBER CAPS, POSTS & SILLS,TIMBER BULKHEADS
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SPANS :	1@25'6"
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BEAMS OR GIRDERS :	11 LINES OF W12X27 I-BEAMS @ 2'4" CENTERS
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FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
4X8" TIM, 2.5" AWS		25.417 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
24.083 FT	25.083 FT	LT .5 FT RT .5 FT

VERT.CL.OVER :
999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :				
HS-1	HS-1	IB (Sec.Loss)	SV 15	TTST	20	DATE	10/11/2010

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. 790236 COUNTY ROWAN ROUTE SR1221 OVER CREEK
 STRUCTURE TYPE TIMBER DECK ON I-BEAMS
 ROUTE ORIENTATION S - N SPANS 1@25'6

EVALUATION CODES: CRITICAL (C, 0 - 3); POOR (P, 4); FAIR (F, 5, 6); GOOD (G, 7 - 9)

INSPECTION ITEM				ITEM 61			
DECK ITEMS			GRADES	45. CHANNEL & CHANNEL PROT.			
1. WEARING SURFACE			F	a. WATERWAY			G
				b. ALIGNMENT			G
2. DECK NO. OF EA TYPE SPN GRADE RATES SI & A ITEM 58				c. SCOUR			G
a. CONCRETE				d. SLOPE PROT., RIP-RAP, DIKES, ETC.			G
b. TIMBER			P	50. APPROACH ROADWAY CONDITION			F
c. STEEL PLANK				51. APPROACH SLABS			
d. OPEN GRID				52. PAINT SYSTEM CODE A			F
3. RAILING				53. UTILITIES			
a. CONCRETE				54. RESPONSE TO LIVE LOAD			G
b. TIMBER			G	55. ESTIMATED REMAINING LIFE			10
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				61. PROMPT-ACTION NOTICE ISSUED			YES
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)			0
d. STANDARD JOINTS				65. TOTAL TRAFFIC CONTROL TIME (MAN HRS)			0
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			F	b. SUPERSTRUCTURE ITEM 59			5
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			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)			F	a. WATERWAY ADAQUACY			7
16. DRAINAGE SYSTEM (ON STRUCTURE)				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.				USE OF INSP. ACCESSIBILITY EQUIPMENT			
a. ABUT. & INT. BENT CAPS & RISERS			F	SNOOPER (CODE S, 4, OR N) HRS			NO
b. PILES, POST, SILLS, & BRACING			F	LADDER			YES
c. BULKHEADS, WING'S, & TIE BACKS			F	BUCKET TRUCK			NO
36. CONC SUB STR.				BOAT			NO
a. ABUT. & INT. BENT CAPS				OTHER			NO
b. ABUT. & BENT COL'S BREASTWALLS							
c. ABUT. & INT. BENT PILES							
d. BACKWALLS, WING'S, RETAIN. WALLS							
e. ABUT. & BENT FOOTINGS & SILLS							
37. STEEL SUB STR.				SPECIAL INSPECTION REQUESTED FOR			
a. ABUT. & INT. BENT CAPS & RISERS							
b. PILES, BRACING, AND BULKHEADS							
38. FOUNDATION PILES TYPE MATERIAL				NOTE			
39. SLOPE PROT., RIP-RAP (INCLUDE DRAINAGE)			G				
40. FENDER SYSTEMS				80. INSPECTED BY: <i>Don Hg</i>			
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 DREW HACKNEY			
Assisted By WC			
Item No.	Grade		
1	F	TRANSVERSE CRACKING IN WEAR SURFACE PACTH AREA IN WEAR SURFACE SOUTH BOUND LANE NEAR END BENT 1 PACTH AREA IN WEAR SURFACE NORTH BOUND LANE NEAR END BENT 2	
2b	P	DECK BOARDS DECAY AT EAST RAIL STARTING FROM END BENT 2 AND RUN TO POST 4, WITH DECAY GOING BACK OVER EXTERIOR BEAM 11 DECK BOARDS DECAYED EAST END UNDER WHEELGUARD, BETWEEN POST 1 AND 2 WITH DECAY GOING PAST EXTERIOR BEAM 11 DISCOLORATION ON UNDERSIDE	
4	F	TIMBERS WEATHERED AND CHECKED WITH CORNER SPLITS DECAY ON RIGHT WHEEL GUARD, 8' FROM END BENT 1	
7	F	DIRT AND DEBRIS AND VEGETATION ALONG RAILS	
10	F	RUST SCALE ON BEAMS 2,3 AND 4 TOP AND BOTTOM FLANGES BEAMS 5 AND 6 HAVE RUST SCALE WITH 1/16" SECTION LOSS ON BOTTOM FLANGE AT EB 2	
10A	NO	NO CURVED GIRDERS	
15	F	BEARING PLATES SHOWING RUST SCALE.	
35a	F	END BENT 2 CAP WEST END DECAY SPOT 7" DEEP DIRT AND DEBRIS ON TOP OF END BENT 1 CAP	
35b	F	END BENT 2 PILE 5 DECAY AREA TEMPORARY REPAIR ON END BENT 1, PILE HAS BEEN ADDED BESIDE OF PILE 2 3" DIAMETER SURFACE DECAY ON PILE 3 AT END BENT 1	
35c	F	NORTHWEST WINGWALL DECAY AREA AND BOARDS MISSING WITH FILL MATERIAL EXPOSED NORTHEAST WINGWALL DECAY WITH BOARDS MISSING AND FILL MATERIAL EXPOSED END BENT 2 BULKHEAD DECAY EAST SIDE END BENT 1 BULKHEAD DECAY AREA BETWEEN PILES 1 AND 2	
50	F	SOUTH APPROACH ROADWAY CRACKING OVER END BENT 1 NORTH APPROACH ROADWAY CRACKING OVER END BENT 2	
61	YES	PM ISSUED ON DECK BOARDS ON EAST SIDE	

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 DREW HACKNEY			
Assisted By WC			
Item No.	Grade		
62	YES	SV 15- TTST 20	

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 790236

County ROWAN

Date: 08/06/2014

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3324	Maint / Repair / Replace Timber Deck Components	SF	240	DECK BOARDS DECAYED AT EAST ENDS BETWEEN POST 1 AND 2 AND POST 4 TO END BENT 2, WITH DECAY GOING PAST EXTERIOR BEAM 11	
3324	Maint / Repair / Replace Timber Deck Components	SF	250	TIMBER DECKING BOARDS SHOWING DECAY AND ENDS	
3342	Clean and Paint Structural Steel	SF	50	RUST SCALE ON BOTTOM FLANGE OF BEAMS 2,3,4, 5 AND 6	
3344	Repair / Replace Timber Substructure Components	LF	3	DECAY ON PILE 5 AT END BENT 2	
3346	Repair / Maintain Timber Wings & Blkhds	SF	150	DECAY ON BULKHEAD BOARDS	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 790236

County ROWAN

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

MMS Code	MMS Description	Quantity
3324	Maint / Repair / Replace Timber Deck Components	240 SF
Location:		
Deck Structure Type	Bent/Span No. 1	EAST END OF DECKING BOARDS
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification Received	
Submitted Date:	Submitted By:	Assisted By:
08/13/2014	DREW HACKNEY	WILLIE CULBERSON
Details		
DECK BOARDS DECAYED AT EAST ENDS BETWEEN POST 1 AND 2 AND POST 4 TO END BENT 2, WITH DECAY GOING PAST EXTERIOR BEAM 11		



SOUTH APPROACH ROADWAY CRACKING OVER END BENT 1



TRANSVERSE CRACK IN WEAR SURFACE



PACTH AREA IN WEAR SURFACE SOUTH BOUND LANE NEAR END BENT 1



PACTH AREA IN WEAR SURFACE NORTH BOUND LANE NEAR END BENT 2



NORTH APPROACH ROADWAY CRACKING OVER END BENT 2



WHEELGUARD DECAY 8' FROM END BENT 1



DECK BOARDS DECAY AT EAST RAIL STARTING FROM END BENT 2 AND RUN 4' ON TO DECK



DIRT AND DEBRIS AND VEGETATION ALONG EAST RAIL



END BENT 2 CAP WEST END DECAY SPOT 7" DEEP



NORTHWEST WINGWALL DECAY AREA AND BOARDS MISSING WITH FILL MATERIAL EXPOSED



END BENT 2 PILE 5 DECAY AREA



NORTHEAST WINGWALL DECAY WITH BOARDS MISSING AND FILL MATERIAL EXPOSED



END BENT 2 BULKHEAD DECAY EAST SIDE



END BENT 1 BULKHEAD DECAY AREA BETWEEN PILES 1 AND 2



RUST SCALE ON BEAMS 2,3 AND 4 TOP AND BOTTOM FLANGES



BEAM 8 PAINT PEELING WITH SURFACE RUST



DIRT AND DEBRIS ON TOP OF END BENT 1 CAP



BEAM 6 RUST SCALE BOTTOM FLANGE AT END BENT 2

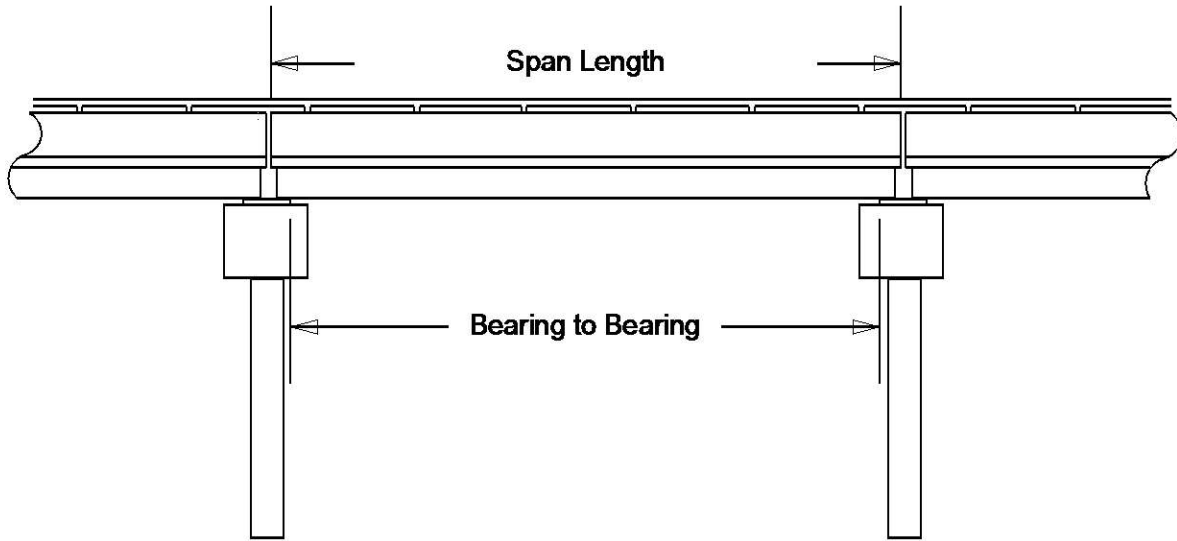


DECK BOARDS DECAY EAST END UNDER WHEELGUARD

Structure Data Worksheet

Spans

County: ROWAN Structure No: 790236 Date: 08/06/2014 Inspected By: DH



Span No	Span Length	Bearing to Bearing	Comments
1	25.5	24.667	NBIS BL 23.5

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 790236 County: ROWAN Date: 08/06/2014 By: DH

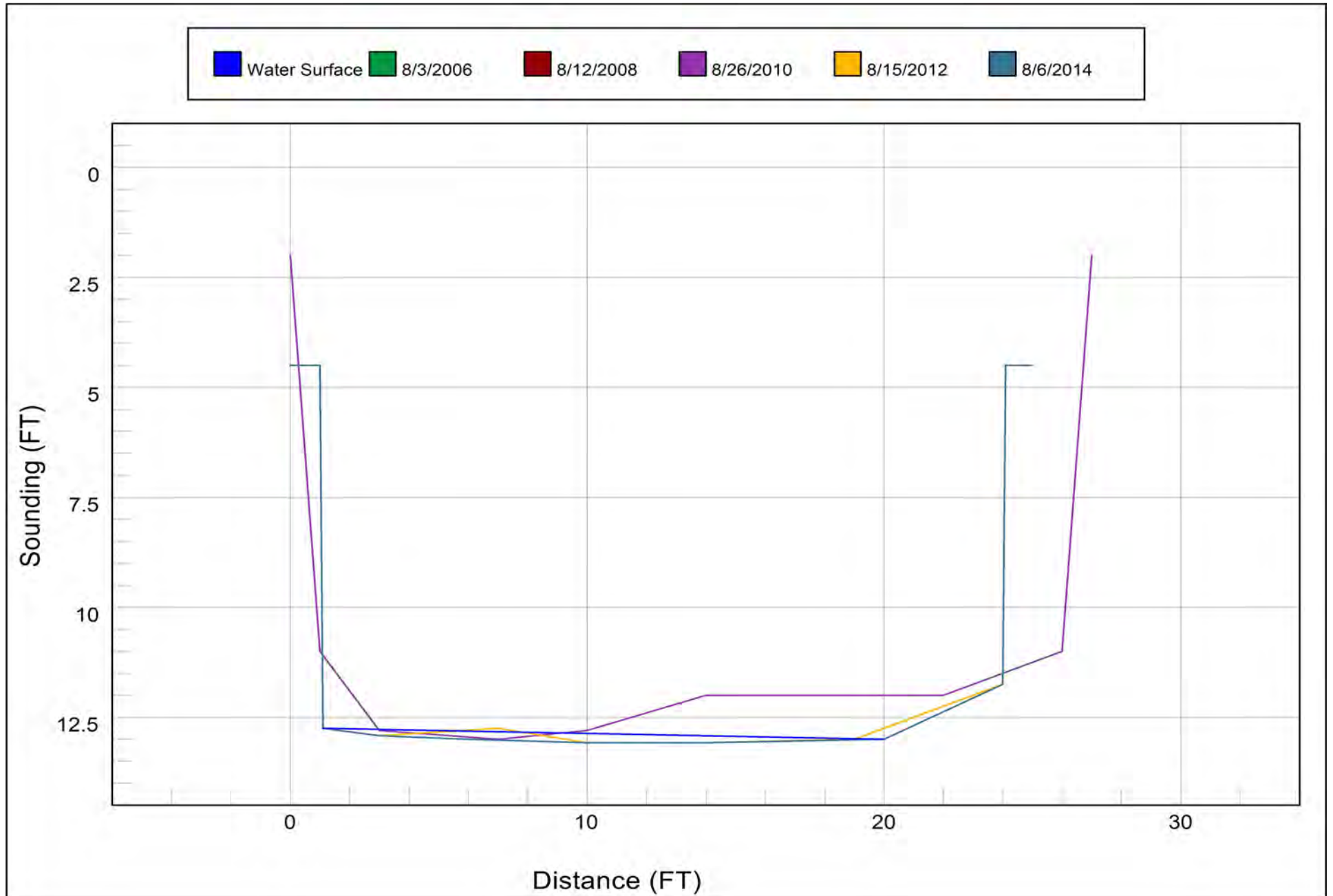
Record sounding from top of rail. Other location if needed:

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	4.5	Top of Cap			
1	4.5	Top of Cap	1	11	END BENT 1
1.1	12.75	Water Surface/Water Edge (WSWE)			
3	12.92				
6	13				
10	13.08				
14	13.08				
20	13	Water Surface/Water Edge (WSWE)			
24	11.75				
24.1	4.5	Top of Cap			
25	4.5	Top of Cap			

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch



Roadway	19ft Wide	2 Paved Lanes	Looking North
Left Shoulder	6ft Wide		6ft Unpaved
Right Shoulder	6ft Wide		6ft Unpaved
Left Guardrail			
Right Guardrail			

MEASUREMENTS VERIFIED BY DH 8/6/2014

Title

APPROACH ROADWAY SKETCH

Description

APPROACH ROADWAY SKETCH

Bridge No: 790236

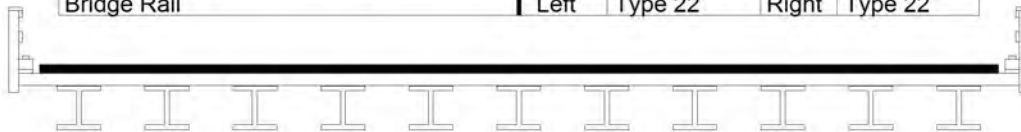
Drawn By: GDP

Date: 08/12/08

File Name: S0066001620

Bridge Inspection Field Sketch

Deck Width/Out to Out	25.417ft	Between Rails	25.083ft
Clear Roadway	24.083ft	Wearing Surface	.209ft
Median Width		Median Height	
Curb Height		Left .709ft	Right .709ft
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 2.667ft	Right 2.667ft
Bridge Rail		Left Type 22	Right Type 22



Measurements for Span #	1		
Deck Thickness	.313	Left Overhang	1.0435
Top of Rail to Bottom of Beam	4.5	Right Overhang	1.0435

Beam Number	Beam Type	Spacing	Comments
1	Steel I Beam	2.333ft	
2	Steel I Beam	2.333ft	
3	Steel I Beam	2.333ft	
4	Steel I Beam	2.333ft	
5	Steel I Beam	2.333ft	
6	Steel I Beam	2.333ft	
7	Steel I Beam	2.333ft	
8	Steel I Beam	2.333ft	
9	Steel I Beam	2.333ft	
10	Steel I Beam	2.333ft	
11	Steel I Beam	ft	

BEAM SIZE: 1ft HIGH X .542ft WIDE X .031ft FLANGE X .02ft WEB

MEASUREMENTS VERIFIED BY DH 8/06/2014

Title

STRUCTURE DATA SKETCH

Description

STRUCTURE DATA SKETCH

Bridge No: 790236

Drawn By: GDP

Date: 08/12/08

File Name: S0066001621

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.		
26.320 ft.	.833 ft.	.98 ft.	1.500 ft.	1.500 ft.	1.170 ft.			1.170 ft.		
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height	MEASUREMENTS VERIFIED BY DH 8/6/2014							
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	5.833 ft.				Vertical	No	No	No	No
2	Timber	5.833 ft.				Vertical	No	No	No	No
3	Timber	5.833 ft.				Vertical	No	No	No	No
4	Timber	5.833 ft.				Vertical	No	No	No	No
5	Timber					Vertical	No	No	No	No
Bent/Abutment #: 2 Similar Bents:										

Title		Description	
PILE DIAGRAM END BENTS		PILE DIAGRAM END BENTS	
Bridge No: 790236	Drawn By: GDP	Date: 08/12/08	File Name: S0066001622

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.				
26.000 ft.	.833 ft.	.98 ft.	1.500 ft.	1.500 ft.	1.333 ft.	1.250 ft.				
Subcap Information			Material							
Length	Width	Height	Left Overhang	Right Overhang	Left Pile to Splice.					
Sill Information			Material							
Length	Width	Height	MEASUREMENTS VERIFIED BY DH 8/6/2014							
Pile #	Material	Spacing	Width/Dia.	Height	Length	Orientation	Driven?	Replacement?	Removed?	Collar?
1	Timber	4.8750 ft.				Vertical	No	No	No	No
2	Timber	0.833 ft.				Vertical	No	Yes	No	No
3	Timber	5.7917 ft.				Vertical	No	No	No	No
4	Timber	5.667 ft.				Vertical	No	No	No	No
5	Timber	4.8750 ft.				Vertical	No	No	No	No
6	Timber					Vertical	No	No	No	No
Bent/Abutment #: 1			Similar Bents:							

Title END BENT 1		Description END BENT 1	
Bridge No: 790236	Drawn By: DH	Date: 8/16/2012	File Name: S0066074562



LOOKING NORTH



WEIGHT LIMIT SIGN SOUTH END - SIMILAR SIGN NORTH END



SOUTH APPROACH ROADWAY



NORTH APPROACH ROADWAY



WEST PROFILE



LOOKING SOUTH



LOOKING UPSTREAM WEST TOP



LOOKING DOWNSTREAM EAST TOP



EAST PROFILE



END BENT 2



LOOKING DOWNSTREAM EAST BOTTOM



LOOKING UPSTREAM WEST BOTTOM



END BENT 1



SUPER STRUCTURE