



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION

NUMEROUS REPAIRS OF CHANNEL LEGS IN ALL SPANS...

PMN'S ISSUED FOR CHANNEL LEGS...

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY ALEXANDER BRIDGE NUMBER 010081 INSPECTION CYCLE 2 YRS
ROUTE SR1332 ACROSS LITTLE RIVER M.P. 0

LOCATION 0.05 MI.E.JCT.SR1333

SUPERSTRUCTURE PRECAST PRESTRESSED CONCRETE CHANNELS

SUBSTRUCTURE END&INTBTS:PPC CAPS ON TIMBER PILES

SPANS 1@30'3, 1@30'0, 1@30'3

LONGITUDE 81° 14' 33.32"

LATITUDE 35° 58' 20.55"

PRESENT CONDITION POOR

INVENTORY RATING

INSPECTION DATE 10/04/2012

OPERATING RATING

PRESENT POSTING SV 23 TTST 26 SV 23 TTST 26

PROPOSED POSTING

COMPUTER UPDATE

ANALYSIS DATE

POSTING LETTER DATE

SUFFICIENCY RATING

OTHER SIGNS PRESENT 4 DELINEATORS



WEST TO EAST

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

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

BRIDGE: **010081** COUNTY: **Alexander** DATE: **11/15/2010**

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	4	TSE 11/15/10
S I & A ITEM 60 - SUBSTRUCTURE		
S I & A ITEM 64 OPERATING RATING		
HS 1	BY:	FK
S I & A ITEM 66 - INVENTORY RATING		
HS 1	BY:	FK

COMMENTS

Temporary Repairs made to Channel Legs.

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

Run Date: 11/06/2012

IDENTIFICATION					
(1) STATE NAME -NORTH CAROLINA	BRIDGE	010081		SUFFICIENCY RATING =	27.41
(8) STRUCTURE NUMBER(FEDERAL)		000000000030081		STATUS =	Structurally Deficient
(5) INVENTORY ROUTE (ON/UNDER) - ON		31013320			
(2) STATE HIGHWAY DEPARTMENT DISTRICT		2		CLASSIFICATION	CODE
(3) COUNTY CODE 3 (4) PLACE CODE		0		(112)NBIS BRIDGE SYSTEM -	YES
(6) FEATURE INTERSECTED - LITTLE RIVER				(104)HIGHWAY SYSTEM Is not on NHS	0
(7) FACILITY CARRIED SR1332				(26) FUNCTIONAL CLASS - Local	09
(9) LOCATION 0.05 M.I.E.JCT.SR1333				(100)STRAHNET HIGHWAY - Not a STRAHNET Route	0
(11)MILEPOINT		0		(101)PARALLEL STRUCTURE - No Parallel Structure	N
(16)LAT 35° 58' 20.55" (17)LONG 81° 14' 33.32"				(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					
(43) STRUCTURE TYPE MAIN: Prestressed Concrete					
TYPE - Channel Beam		CODE 522			
(44) STRUCTURE TYPE APPR :				CONDITION	CODE
TYPE -		CODE 000		(58) DECK	5
(45) NUMBER OF SPANS IN MAIN UNIT		3		(59) SUPERSTRUCTURE	4
(46) NUMBER OF APPROACH SPANS				(60) SUBSTRUCTURE	5
(107)DECK STRUCTURE TYPE - 1		CODE		(61) CHANNEL & CHANNEL PROTECTION	7
(108)WEARING SURFACE / PROTECTIVE SYSTEM :				(62) CULVERTS	N
(A) TYPE OF WEARING SURFACE -		CODE			
(B) TYPE OF MEMBRANE -		CODE		LOAD RATING AND POSTING	CODE
(C) TYPE OF DECK PROTECTION -		CODE		(31) DESIGN LOAD Unknown	0
				(63) OPERATING RATING METHOD - Allowable Stress	
				(64) OPERATING RATING - HS-1	201
				(65) INVENTORY RATING METHOD - Allowable Stress	
				(66) INVENTORY RATING - HS-1	201
				(70) BRIDGE POSTING - Posting Required	0
				(41) STRUCTURE OPEN, POSTED ,OR CLOSED	P
				DESCRIPTION - Posted for Load	
AGE AND SERVICE					
(27) YEAR BUILT		1970			
(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		600		APPRAISAL	CODE
(30) YEAR OF ADT 2009 (109) TRUCK ADT PCT		6%		(67) STRUCTURAL EVALUATION	3
(19) BYPASS OR DETOUR LENGTH		2 MI		(68) DECK GEOMETRY	4
				(69) UNDERCLEARANCES,VERTI & HORIZ	N
				(71) WATERWAY ADEQUACY	7
				(72) APPROACH ROADWAY ALIGNMENT	7
				(36) TRAFFIC SAFETY FEATURES	0000
				(113)SCOUR CRITICAL BRIDGES	U
GEOMETRIC DATA					
(48) LENGTH OF MAXIMUM SPAN		29 FT			
(49) STRUCTURE LENGTH		91 FT			
(50)CURB OR SIDEWALK: LEFT .4585 FT RIGHT .4585 FT					
(51) BRIDGE ROADWAY WIDTH CURB TO CURB		24 FT			
(52) DECK WIDTH OUT TO OUT		25.5 FT		PROPOSED IMPROVEMENTS	CODE
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)		20 FT		(75) TYPE OF WORK -	
(33) BRIDGE MEDIAN - No Median		CODE 0		(76) LENGTH OF STRUCTURE IMPROVEMENT	
(34) SKEW 0° (35) STRUCTURE FLARED		0		(94) BRIDGE IMPROVEMENT COST	
(10) INVENTORY ROUTE MIN VERT CLEAR		999.9 FT		(95) ROADWAY IMPROVEMENT COST	
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR		24 FT		(96) TOTAL PROJECT COST	
(53) MIN VERT CLEAR OVER BRIDGE RDWY		999.9 FT		(97) YEAR OF IMPROVEMENT COST ESTIMATE	
(54) MIN VERT UNDERCLEAR REF Not a Highway or Railroad		0 FT		(114)FUTURE ADT 1200 (115) YEAR FUTURE ADT 2025	
(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad		000 FT			
(56) MIN LAT UNDERCLEAR LT REF -		000 FT		INSPECTIONS	
				(90) INSPECTION DATE	10/04/2012
				(92) CRITICAL FEATURE INSPECTION :	(93) CFI DATE
(38) NAVIGATION CONTROL - No Navigational Control		CODE 0		A) FRACTURE CRIT DETAIL - NO	A)
(111)PIER PROTECTION -		CODE		B) UNDERWATER INSP - NO	B)
(39) NAVIGATION VERTICAL CLEARANCE		0		C) OTHER SPECIAL INSP NO	C)
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR		FT		SCOUR	
(40) NAVIGATION HORIZONTAL CLEARANCE		0 FT			

BRIDGE MANAGEMENT UNIT

DATA ON EXISTING STRUCTURE

Run Date: 11/06/2012

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :	
ALEXANDER	12	2	010081	91	FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
SR1332	LITTLE RIVER

LOCATED :	BRIDGE NAME :	CITY :
0.05 MI.E.JCT.SR1333		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
09	NFA	NFA	600 2009	LT 233 RT 233

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1970	BMU	6.782063		Unknown

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

NAVIGATION :	HT. CRN. TO BED :	WATER DEPTH :
VC 0 FT HC 0 FT 15 FT		1 FT

SUPERSTRUCTURE : PRECAST PRESTRESSED CONCRETE CHANNELS

SUBSTRUCTURE : END&INTBTS:PPC CAPS ON TIMBER PILES

SPANS : 1@30'3, 1@30'0, 1@30'3

BEAMS OR GIRDERS : 10 SECTIONS OF PRECAST PRESTRESSED CONCRETE CHANNELS

FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
PPCCH,3 AWS		25.5 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
24 FT	24.917 FT	LT .4585 FT RT .4585 FT

VERT.CL.OVER :
999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :	TTST	DATE
HS-1	HS-1	inch	SV 19	25	11/05/2012

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

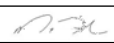
UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTION RECORD AND SUMMARY

INSPECTION TYPE Routine Inspection
 BRIDGE NO. 010081 COUNTY ALEXANDER ROUTE SR1332 OVER LITTLE RIVER
 STRUCTURE TYPE PRECAST PRESTRESSED CONCRETE CHANNELS
 ROUTE ORIENTATION W - E SPANS 1@30'3, 1@30'0, 1@30'3

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			G	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	3	F	50. APPROACH ROADWAY CONDITION			F
	b. TIMBER			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			55. ESTIMATED REMAINING LIFE			12
	c. ALUMINUM						
	d. STEEL		G				
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			YES
	b. MISC PREFAB			62. PRESENTLY POSTED			YES
	c. COMPRESSION SEAL			63. TOT. FIELD INSP TIME (INCLUDE WRITE UP)(MAN HR)			10
	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	5	
10. LONGITUDINAL BEAMS OR GIRDERS			P	b. SUPERSTRUCTURE	ITEM 59	4	
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)			G	b. APPR. RDWY. ALIGNMENT		7	
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			USE OF INSP. ACCESSIBILITY EQUIPMENT			
	b. PILES, POST, SILLS, & BRACING		G	SNOOPER (CODE S, 4, OR N)		HRS	NO
	c. BULKHEADS, WING'S, & TIE BACKS		F	LADDER			YES
36. CONC SUB STR.	a. ABUT. & INT. BENT CAPS		G	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						
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 MAX FORD			
Assisted By RAP			
Item No.	Grade		
2a	F	NUMEROUS TEMPORARY REPAIRS HAVE BEEN MADE TO SPALLED CHANNEL LEGS. SEE ITEM (10)...	
3d	G	GOOD AT THIS TIME...	
4	F	CURBES ARE WEATHERED WITH COARSE AGGREGATE EXPOSURE...	
7	G	DRAINS ARE OPEN AT THIS TIME...	
10	P	NUMEROUS TEMPORARY REPAIRS IN ALL SPANS... SPAN (C) AT PIER (2) SHOWN TEMPORARY REPAIRS TO CHANNEL LEGS IN SPAN (B) AT PIER (2)... SPALLS WITH EXPOSED CABLE... BOTH LEGS OF CHANNEL (4) IN SPAN (B) AT PIER (1)... (+/- 4 SF) TEMPORARY REPAIRS OF CHANNEL LEGS, SPAN (B) AT PIER (1)... SPALLS WITH EXPOSED CABLE, BOTH LEGS OF CHANNEL (2), SPAN (B) AT PIER (1)... (+/- 4 SF) TEMPORARY REPAIRS, SPAN (A) AT PIER (1)... SPALLS WITH EXPOSED CABLE, BOTH LEGS OF CHANNEL (8), SPAN (A) AT PIER (1)... (+/- 4 SF)	
10A	NO	PMN'S ISSUED FOR THIS ITEM... NO CURVED GIRDERS...	
15	F	SOLE PLATES ARE RUSTED.	
35b	G	GOOD AT THIS TIME... NORMAL CHECKING THROUGHOUT...	
35c	F	RANDOM AREAS OF DECAY IN BOTH BULKHEADS...	

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 MAX FORD			
Assisted By RAP			
Item No.	Grade		
36a	G	GOOD AT THIS TIME...	
50	F	WEST APPROACH PAVEMENT IS CRACKED AND SETTLED (+/- 1")...	
54	F	NOISE AND VIBRATION NOTED AT PIERS UNDER NORMAL LOADING.	

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 010081

County ALEXANDER

Date: 10/04/2012

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3306	Maintain Concrete Superstructure Components	SF	4	SPALLS WITH EXPOSED CABLE, BOTH LEGS OF CHANNEL (8), SPAN (A) AT PIER (1)... (+/- 4 SF)	
 3306	Maintain Concrete Superstructure Components	SF	4	SPALLS WITH EXPOSED CABLE, BOTH LEGS OF CHANNEL (2), SPAN (B) AT PIER (1)... (+/- 4 SF)	
 3306	Maintain Concrete Superstructure Components	SF	4	SPALLS WITH EXPOSED CABLE... BOTH LEGS OF CHANNEL (4) IN SPAN (B) AT PIER (1)... (+/- 4 SF)	
2816	Asphalt Surface Repair or Replacement	SY	19	WEST APPROACH PAVEMENT IS CRACKED AND SETTLED (+/- 1")...	
3310	Maintenance/Repair/Replacement of Standard Bridge Expansion Joints	LF	51	EVIDENCE OF LEAKAGE AT BOTH PIER CAPS...	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 010081 County ALEXANDER

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	4 SF
Location:		
Beams and Girders	Bent/Span No. 1	CHANNEL (8)
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification Received	
Submitted Date:	Submitted By:	Assisted By:
10/08/2012	MAX FORD	ROBERT PIERCE
Details		
SPALLS WITH EXPOSED CABLE, BOTH LEGS OF CHANNEL (8), SPAN (A) AT PIER (1)... (+/- 4 SF)		

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	4 SF
Location:		
Beams and Girders	Bent/Span No. 2	CHANNEL (2)
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification Received	
Submitted Date:	Submitted By:	Assisted By:
10/08/2012	MAX FORD	ROBERT PIERCE
Details		
SPALLS WITH EXPOSED CABLE, BOTH LEGS OF CHANNEL (2), SPAN (B) AT PIER (1)... (+/- 4 SF)		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 010081

County ALEXANDER

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

MMS Code	MMS Description	Quantity
3306	Maintain Concrete Superstructure Components	4 SF
Location:		
Beams and Girders	Bent/Span No. 2	CHANNEL (4)
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification Received	
Submitted Date:	Submitted By:	Assisted By:
10/08/2012	MAX FORD	ROBERT PIERCE
Details		
SPALLS WITH EXPOSED CABLE... BOTH LEGS OF CHANNEL (4) IN SPAN (B) AT PIER (1)... (+/- 4 SF)		



WEST APPROACH PAVEMENT IS CRACKED AND SETTLED (+/- 1")...



NUMEROUS TEMPORARY REPAIRS IN ALL SPANS... SPAN (C) AT PIER (2) SHOWN



TEMPORARY REPAIRS TO CHANNEL LEGS IN SPAN (B) AT PIER (2)...



SPALLS WITH EXPOSED CABLE... BOTH LEGS OF CHANNEL (4) IN SPAN (B) AT PIER (1)... (+/- 4 SF)



TEMPORARY REPAIRS OF CHANNEL LEGS, SPAN (B) AT PIER (1)...



SPALLS WITH EXPOSED CABLE, BOTH LEGS OF CHANNEL (2), SPAN (B) AT PIER (1)... (+/- 4 SF)



TEMPORARY REPAIRS, SPAN (A) AT PIER (1)...

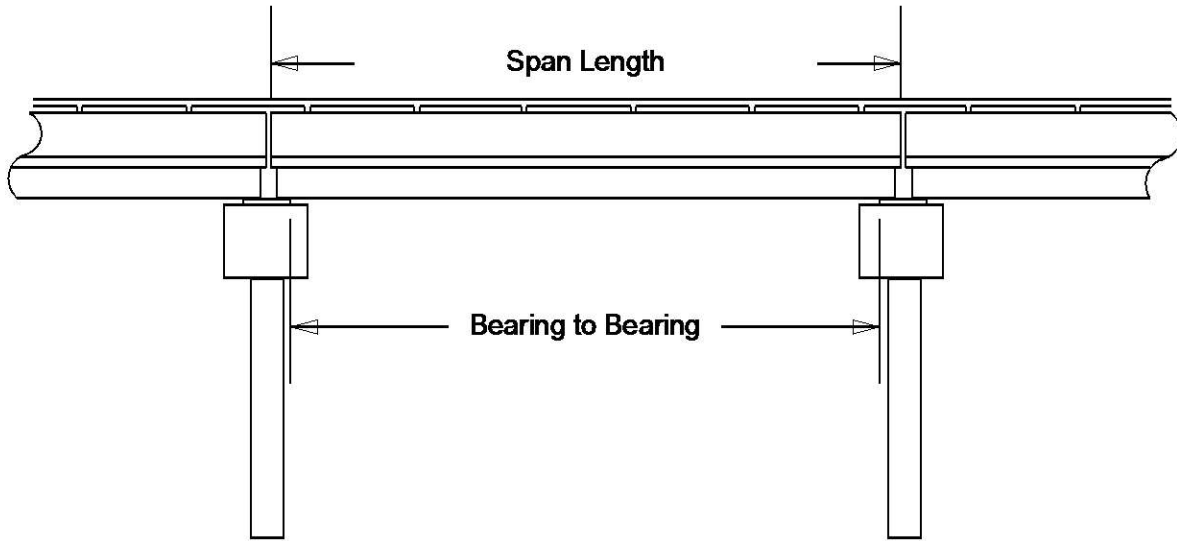


SPALLS WITH EXPOSED CABLE, BOTH LEGS OF CHANNEL (8), SPAN (A) AT PIER (1)... (+/- 4 SF)

Structure Data Worksheet

Spans

County: ALEXANDER Structure No: 010081 Date: 10/04/2012 Inspected By: MF



Span No	Span Length	Bearing to Bearing	Comments
1	30.25	29	
2	30.0	29.333	
3	30.25	29	FACE OF ABUT. CAP TO FACE OF ABUT. CAP = 87.333

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 010081 County: ALEXANDER Date: 10/04/2012 By: MF

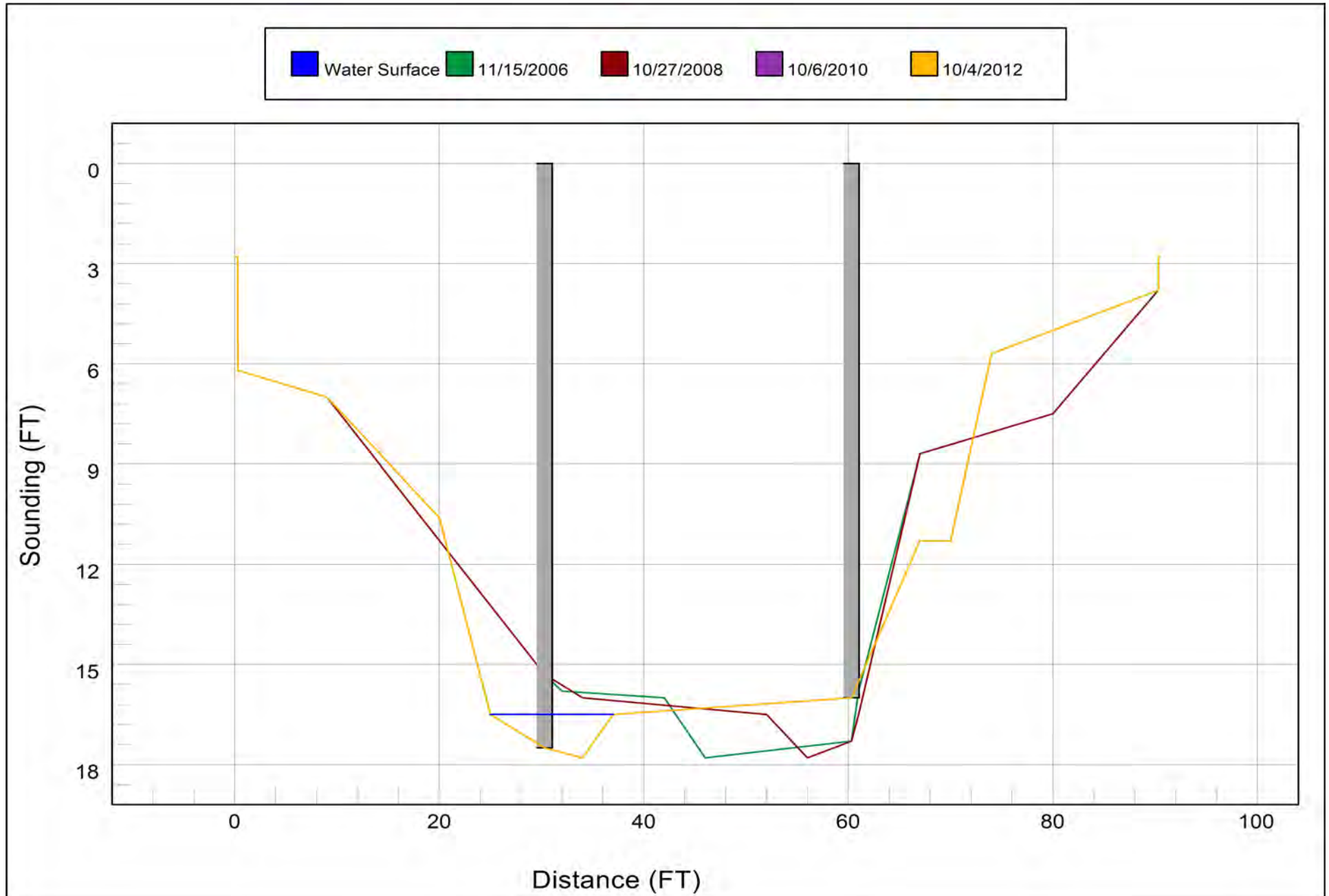
Record sounding from top of rail. Other location if needed: _____

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	2.8	TOP OF FILLFACE			
0.28	2.8	TOP OF FILLFACE			
0.29	4.3	TOP OF CAP			
0.3	6.2	FACE OF ABUT	0.3	5.5	FACE OF ABUT
9	7	SLOPE			
20	10.6	SLOPE			
25	16.5	WSWE			
30.3	17.5	PIER 1	30.3	14.8	PIER 1
34	17.8	BED FLOW EAST			
37	16.5	WSWE			
60.3	16	PIER 2	60.3	17	PIER 2
67	11.3	SLOPE			
70	11.3	SLOPE			
74	5.7	SLOPE			
90.3	3.8	FACE OF ABUT	90.3	4.2	FACE OF ABUT
90.31	2.8	TOP OF FILLFACE			
90.5	2.8	TOP OF FILLFACE			

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch

VERIFIED 10/4/12 R.A. PIERCE, M. FORD



LOOKING EAST

Roadway	20ft Wide		Looking East
Left Shoulder	6ft Wide		6ft Unpaved
Right Shoulder	6ft Wide		6ft Unpaved
Left Guardrail			
Right Guardrail			

Title
APPR. RDWY.

Description
APPR. RDWY.

Bridge No: 010081

Drawn By: RAP

Date: 10/27/08

File Name: S0000001130

Bridge Inspection Field Sketch

VERIFIED 10/4/12 R.A. PIERCE, M. FORD

Deck Width/Out to Out	25.5ft	Wearing Surface	.25ft
Between Rails	24.917ft	Median Width	
Curb Height	.667ft	Median Height	
Top Rail to Deck/Wearing Surface	2.833ft	Left Guardrail Width	
Clear Roadway	24ft	Right Guardrail Width	
Left Bridge Rail	Type 23	Right Bridge Rail	Type 23

Measurements for Span #	1		
Deck Thickness	0.417	Left Overhang	0.292
Top of Rail to Bottom of Beam	4.333	Right Overhang	0.292

No. of Channels	10
Leg Width	0.208ft
Leg Height	1ft
Leg to Leg (Centers)	1.792ft
Channel Width	2.5ft
Channel Height	1.417ft
Comments	ALL SPANS SIMILAR

Title
SUPER.

Description
DECK SECTION

Bridge No: 010081

Drawn By: RAP

Date: 10/27/08

File Name: S0000001131

Bridge Inspection Field Sketch

VERIFIED 10/4/12 R.A. PIERCE, M. FORD



Abutment #	1	Abutment 2 similar	
Cap - Pre-Cast			
Cap Size	25.667ft Long	1.333ft Wide	1ft High
Left Overhang	1.333ft	Lt Cap/Beam Overhang	0.5ft
Right Overhang	1.333ft	Rt Cap/Beam Overhang	0.5ft

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Pile Bent	5.75		1		Vertical
2	Wood or Timber	Pile Bent	5.75		1		Vertical
3	Wood or Timber	Pile Bent	5.75		1		Vertical
4	Wood or Timber	Pile Bent	5.75		1		Vertical
5	Wood or Timber	Pile Bent			1		Vertical

BM. OUT SAME AT ALL BENTS

Title
SUBST.

Description
ABUTS AND PIERS

Bridge No: 010081

Drawn By: RAP

Date: 10/27/08

File Name: S0000001134



LOOKING WEST



POSTING SIGN



UPSTREAM



DOWNSTREAM



WEST TO EAST



WEST FACE PIER (2) AND ABUT. (B)



EAST FACE PIER (1) AND ABUT. (A)



SOUTH PROFILE



NORTH PROFILE



ABUT. (A)