



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION

TEMP. REPAIRS ALONG FRONT EDGES OF BOTH CAPS...

PMN ISSUED FOR ABUT. (A) CAP...

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY ALEXANDER BRIDGE NUMBER 010246 INSPECTION CYCLE 2 YRS
ROUTE SR1111 ACROSS STIREWALT CREEK M.P. 0

LOCATION 0.4 MI. W. JCT. NC16

SUPERSTRUCTURE STEEL PLANK DECK ON I-BEAMS

SUBSTRUCTURE ABUTMENTS:MASS CONCRETE

SPANS 1@26'3"

LONGITUDE 81° 11' 43.16"

LATITUDE 35° 53' 43.63"

PRESENT CONDITION FAIR

INVENTORY RATING

INSPECTION DATE 09/19/2012

OPERATING RATING

PRESENT POSTING Not Posted **NOT POSTED**

PROPOSED POSTING

COMPUTER UPDATE

ANALYSIS DATE

POSTING LETTER DATE

SUFFICIENCY RATING

OTHER SIGNS PRESENT NONE



WEST TO EAST

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>

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

Run Date: 10/22/2012

IDENTIFICATION					
(1) STATE NAME -NORTH CAROLINA	BRIDGE	010246		SUFFICIENCY RATING =	20.6
(8) STRUCTURE NUMBER(FEDERAL)		00000000030246		STATUS =	Structurally Deficient
(5) INVENTORY ROUTE (ON/UNDER) - ON		31011110			
(2) STATE HIGHWAY DEPARTMENT DISTRICT		2		CLASSIFICATION	CODE
(3) COUNTY CODE	3	(4) PLACE CODE	0	(112)NBIS BRIDGE SYSTEM -	YES
(6) FEATURE INTERSECTED -	STIREWALT CREEK			(104)HIGHWAY SYSTEM	Is not on NHS 0
(7) FACILITY CARRIED	SR1111			(26) FUNCTIONAL CLASS -	Local 09
(9) LOCATION	0.4 MI. W. JCT. NC16			(100)STRAHNET HIGHWAY -	Not a STRAHNET Route 0
(11)MILEPOINT		0		(101)PARALLEL STRUCTURE -	No Parallel Structure N
(16)LAT	35° 53' 43.63"	(17)LONG	81° 11' 43.16"	(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:	Steel				
TYPE -	Stringer Mutlibeam or Girder	CODE	302		
(44) STRUCTURE TYPE APPR :				CONDITION	CODE
TYPE -		CODE	000	(58) DECK	7
(45) NUMBER OF SPANS IN MAIN UNIT			1	(59) SUPERSTRUCTURE	4
(46) NUMBER OF APPROACH SPANS				(60) SUBSTRUCTURE	5
(107)DECK STRUCTURE TYPE -	6	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 -	Load Factor
				(64) OPERATING RATING -	HS-1 101
				(65) INVENTORY RATING METHOD -	Load Factor
				(66) INVENTORY RATING -	HS-1 101
				(70) BRIDGE POSTING -	No Posting Required 5
				(41) STRUCTURE OPEN, POSTED ,OR CLOSED	D
				DESCRIPTION -	Open Temporary Shoring
AGE AND SERVICE					
(27) YEAR BUILT			1955		
(106)YEAR RECONSTRUCTED			1989		
(42) TYPE OF SERVICE : ON -	Highway				
UNDER -	Waterway	CODE	15		
(28) LANES: ON STRUCTURE	2	UNDER STRUCTURE	0		
(29) AVERAGE DAILY TRAFFIC			1600		
(30) YEAR OF ADT	2011	(109) TRUCK ADT PCT	6%		
(19) BYPASS OR DETOUR LENGTH			3 MI		
GEOMETRIC DATA					
(48) LENGTH OF MAXIMUM SPAN			24 FT		
(49) STRUCTURE LENGTH			26 FT		
(50)CURB OR SIDEWALK: LEFT		0 FT RIGHT	0 FT		
(51) BRIDGE ROADWAY WIDTH CURB TO CURB			24 FT		
(52) DECK WIDTH OUT TO OUT			25 FT		
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)			18 FT		
(33) BRIDGE MEDIAN -	No Median	CODE	0		
(34) SKEW	20°	(35) STRUCTURE FLARED	0		
(10) INVENTORY ROUTE MIN VERT CLEAR			999.9 FT		
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR			24 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		
				PROPOSED IMPROVEMENTS	CODE
				(75) TYPE OF WORK -	
				(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	3000
				(115) YEAR FUTURE ADT	2025
				INSPECTIONS	
				(90) INSPECTION DATE	09/19/2012
				(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: 10/22/2012

COUNTY :	DIVISION :	DISTRICT :	STRUCTURE NUMBER :	LENGTH :	
ALEXANDER	12	2	010246	26	FEET

ROUTE CARRIED :	FEATURE INTERSECTED :
SR1111	STIREWALT CREEK

LOCATED :	BRIDGE NAME :	CITY :
0.4 MI. W. JCT. NC16		

FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
09	NFA	NFA	1600 2011	LT 323 RT 323

BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1955	BMU			Unknown

REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :	LANES :		
1989	BMU		TAN	70	ON 2	UNDER	0

NAVIGATION :			HT. CRN. TO BED :		WATER DEPTH :		
VC 0 FT	HC 0 FT		19 FT		1		FT

SUPERSTRUCTURE :	STEEL PLANK DECK ON I-BEAMS
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SUBSTRUCTURE :	ABUTMENTS:MASS CONCRETE
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SPANS :	1@26'3"
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BEAMS OR GIRDERS :	9 LINES OF W21X62 I-BEAMS @ 2'10" CENTERS
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FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :
STEEL.PLK, 6"AWS		25 FT

CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :
24 FT	24 FT	LT 0 FT RT 0 FT

VERT.CL.OVER :
999.9 FT

INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :		DATE
HS-1	HS-1	int bm	SV	TTST	07/21/1989

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

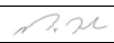
UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTION RECORD AND SUMMARY

INSPECTION TYPE Routine Inspection
 BRIDGE NO. 010246 COUNTY ALEXANDER ROUTE SR1111 OVER STIREWALT CREEK
 STRUCTURE TYPE STEEL PLANK DECK ON I-BEAMS
 ROUTE ORIENTATION W - E SPANS 1@26'3"

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			50. APPROACH ROADWAY CONDITION			G
	b. TIMBER			51. APPROACH SLABS			
	c. STEEL PLANK	1	G	52. PAINT SYSTEM CODE A			G
	d. OPEN GRID			53. UTILITIES			
3. RAILING	a. CONCRETE			54. RESPONSE TO LIVE LOAD			G
	b. TIMBER			55. ESTIMATED REMAINING LIFE			18
	c. ALUMINUM						
	d. STEEL		G				
4. CURBS, WHEELGUARDS, PARAPETS, MEDIANS							
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			NO
	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	7	
10. LONGITUDINAL BEAMS OR GIRDERS			G	b. SUPERSTRUCTURE	ITEM 59	7	
11. LONGITUDINAL JOIST OR STRINGERS				c. SUBSTRUCTURE	ITEM 60	5	
12. INT. DIAP'S, X-FRAMES, BRACING & CONN'S			G	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			L
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			SNOOPER (CODE S, 4, OR N)		HRS	NO
	c. BULKHEADS, WING'S, & TIE BACKS			LADDER			YES
36. CONC SUB STR.	a. ABUT. & INT. BENT CAPS		F	BUCKET TRUCK			NO
	b. ABUT. & BENT COL'S BREASTWALLS		F	BOAT			NO
	c. ABUT. & INT. BENT PILES			OTHER			NO
	d. BACKWALLS, WING'S, RETAIN. WALLS		F				
	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 INSPECTION RECORD AND SUMMARY
FOR SHORED STRUCTURES OR STRUCTURES
WITH TEMPORARY REPAIRS MADE TO KEEP
A BRIDGE OPEN**

BRIDGE: 010246 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	<u>T</u>	<u>TSE</u>
S I & A ITEM 59 - SUPERSTRUCTURE	<u>4</u>	<u>TSE 11/22/10</u>
S I & A ITEM 60 - SUBSTRUCTURE		
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

*Steel plates welded over areas with section loss of
Beams 3 and 4.*

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		
2c	G	CORROSION BEGINNING TO FORM AROUND DRAIN HOLES... OTHERWISE, GOOD AT THIS TIME...	
3d	G	GOOD	
7	G	DECK SURFACE IS CLEAR AT THIS TIME...	
10	G	BEAMS ARE IN GOOD CONDITION AT THIS TIME...	
10A	NO	NO CURVED GIRDERS...	
15	F	BEARING PLATES; RUST AND SCALE WITH +/- 30 PERCENT LOSS TO VISIBLE SECTION. NO HARDWARE PRESENT. PAINTED	
36a	F	FAILING SPALL REPAIR AT SEAT (1) OF ABUT. (A)... CONCRETE IS CRACKED AND SPALLED AROUND REPAIR. CORNER OF BRG. PLATE EXPOSED... (+/- 5 SF) CRACKS (+/- 1/16") WIDE ALONG FACE OF ABUT. (A) CAP AT SEATS (4) AND (5)... (+/- 5 LF)	
36b	F	PMN ISSUED FOR THIS ITEM... NUMEROUS CRACKS WITH EFFLOR. THROUGHOUT ABUT. (A) BREASTWALL AND WINGS...	
36d	F	SCALING AT END OF (NE) WING... (+/- 3") DEEP X (+/- 5 LF) CRACKS WITH EFFLOR. AND SCALING AT TOP OF (NE) WINGWALL... (+/- 8") DEEP X (+/- 6 LF)	
36e	F	TOP (NW) CORNER OF ABUT. (A) FTG. IS DETERIORATED (+/- 3") DEEP X (+/- 10 LF)...	

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 010246

County ALEXANDER

Date: 09/19/2012

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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3348	Maintain Concrete Substructure Components	LF	5 TSC 12/10/12	FAINING SPALL REPAIR AT SEAT (1) OF ABUT. (A)... CONCRETE IS CRACKED AND SPALLED AROUND REPAIR. CORNER OF BRG. PLATE EXPOSED... (+/- 5 SF)	
3306	Maintain Concrete Superstructure Components	SF	10	TOP (NW) CORNER OF ABUT. (A) FTG. IS DETERIORATED (+/- 3") DEEP X (+/- 10 LF)...	
3348	Maintain Concrete Substructure Components	LF	6	CRACKS WITH EFFLOR. AND SCALING AT TOP OF (NE) WINGWALL... (+/- 8") DEEP X (+/- 6 LF)	
3348	Maintain Concrete Substructure Components	LF	5	SCALING AT END OF (NE) WING... (+/- 3") DEEP X (+/- 5 LF)	
3348	Maintain Concrete Substructure Components	LF	25	NUMEROUS CRACKS WITH EFFLOR. THROUGHOUT ABUT. (A) BREASTWALL AND WINGS...	
3348	Maintain Concrete Substructure Components	LF	5	CRACKS (+/- 1/16") WIDE ALONG FACE OF ABUT. (A) CAP AT SEATS (4) AND (5)... (+/- 5 LF)	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 010246

County ALEXANDER

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

MMS Code	MMS Description	Quantity
3348	Maintain Concrete Substructure Components	5 LF
Location:		
Abutment Cap	Bent/Span No. 1	ABUT. (A) CAP
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification Received	
Submitted Date:	Submitted By:	Assisted By:
09/19/2012	MAX FORD	ROBERT PIERCE
Details		
FAINING SPALL REPAIR AT SEAT (1) OF ABUT. (A)... CONCRETE IS CRACKED AND SPALLED AROUND REPAIR. CORNER OF BRG. PLATE EXPOSED... (+/- 5 SF)		



SCALING AT END OF (NE) WING... (+/- 3") DEEP X (+/- 5 LF)



NUMEROUS CRACKS WITH EFFLOR. THROUGHOUT ABUT. (A) BREASTWALL AND WINGS...



FAILING SPALL REPAIR AT SEAT (1) OF ABUT. (A)... CONCRETE IS CRACKED AND SPALLED AROUND REPAIR. CORNER OF BRG. PLATE EXPOSED... (+/- 5 SF)



CRACKS (+/- 1/16") WIDE ALONG FACE OF ABUT. (A) CAP AT SEATS (4) AND (5)... (+/- 5 LF)



TOP (NW) CORNER OF ABUT. (A) FTG. IS DETERIORATED (+/- 3") DEEP X (+/- 10 LF)...

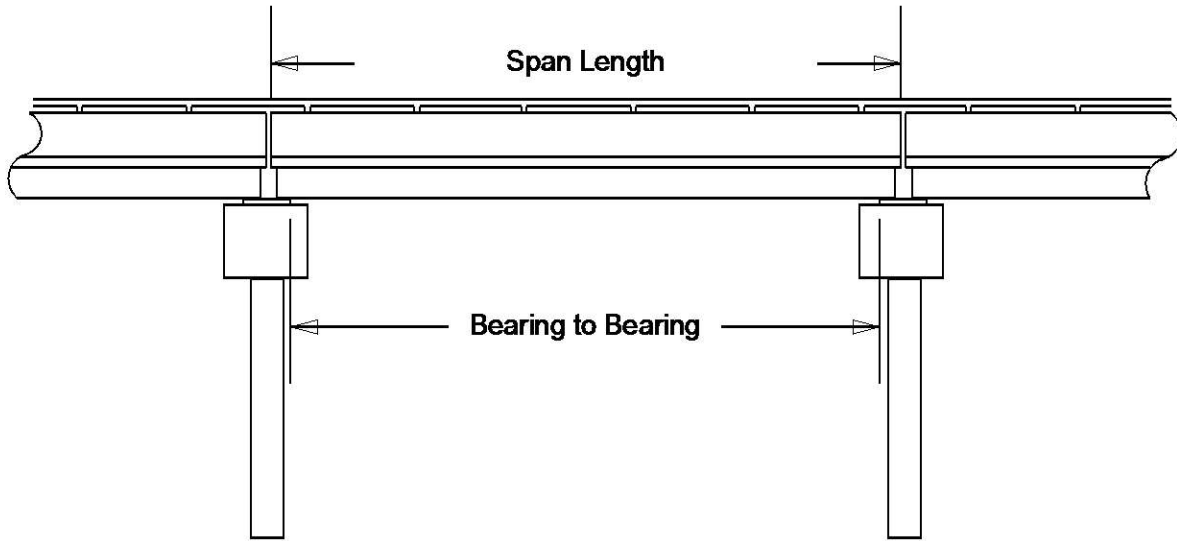


CRACKS WITH EFFLOR. AND SCALING AT TOP OF (NE) WINGWALL... (+/- 8") DEEP X (+/- 6 LF)

Structure Data Worksheet

Spans

County: ALEXANDER Structure No: 010246 Date: 09/19/2012 Inspected By: MF



Span No	Span Length	Bearing to Bearing	Comments
1	26.25	23.583	FACE OF CAP TO FACE OF CAP = 22.583

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 010246 County: ALEXANDER Date: 09/19/2012 By: MF

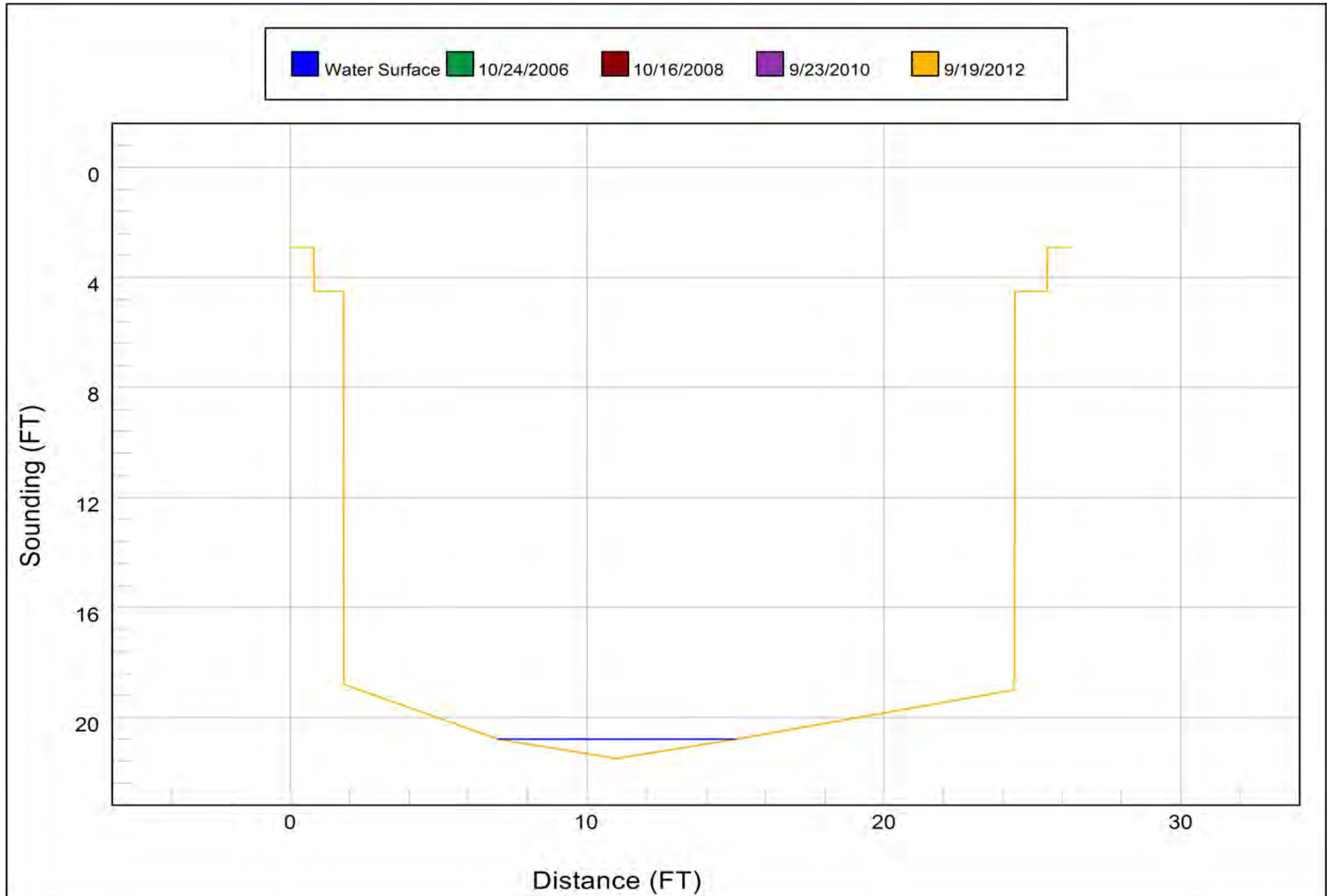
Record sounding from top of rail. Other location if needed:

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	2.9	TOP OF FILLFACE			
0.79	2.9	TOP OF FILLFACE			
0.8	4.5	TOP OF CAP			
1.79	4.5	TOP OF CAP			
1.8	18.8	FACE OF ABUT	1.8	19.5	FACE OF ABUT
7	20.8	WSWE			
11	21.5	BED FLOW SOUTH			
15	20.8	WSWE			
24.4	19	FACE OF ABUT	24.4	18.6	FACE OF ABUT
24.41	4.5	TOP OF CAP			
25.5	4.5	TOP OF CAP			
25.51	2.9	TOP OF FILLFACE			
26.3	2.9	TOP OF FILLFACE			

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch

VERIFIED 9/19/12 R.A. PIERCE, M. FORD



LOOKING EAST

Roadway	18.0ft Wide	2 Paved Lanes	Looking East
Left Shoulder	4ft Wide		4.0ft Unpaved
Right Shoulder	4ft Wide		4.0ft Unpaved
Left Guardrail			
Right Guardrail			

Title
APPR. RDWY.

Description
APPR. RDWY.

Bridge No: 010246

Drawn By: RAP

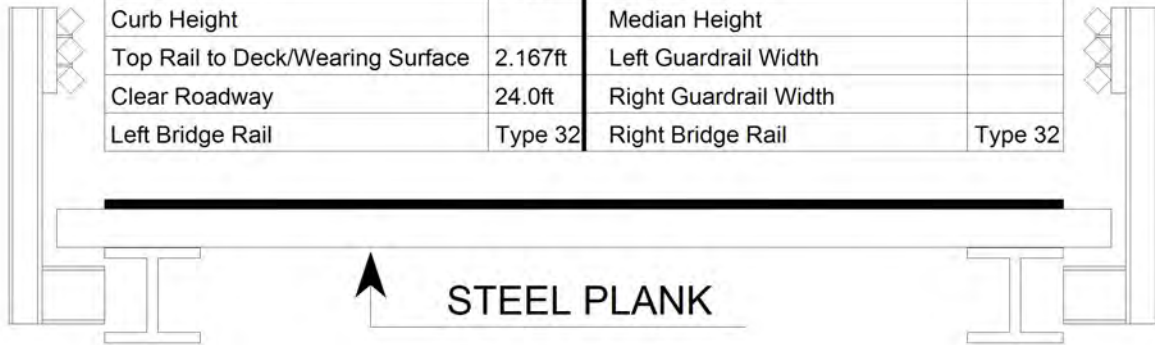
Date: 10/16/08

File Name: S0000000880

Bridge Inspection Field Sketch

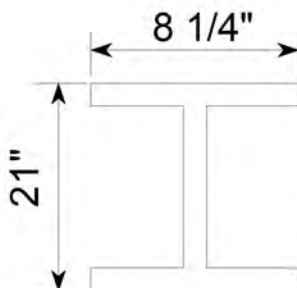
VERIFIED 9/19/12 R.A. PIERCE, M. FORD

Deck Width/Out to Out	25.0ft	Wearing Surface	0.5ft
Between Rails	24.0ft	Median Width	
Curb Height		Median Height	
Top Rail to Deck/Wearing Surface	2.167ft	Left Guardrail Width	
Clear Roadway	24.0ft	Right Guardrail Width	
Left Bridge Rail	Type 32	Right Bridge Rail	Type 32

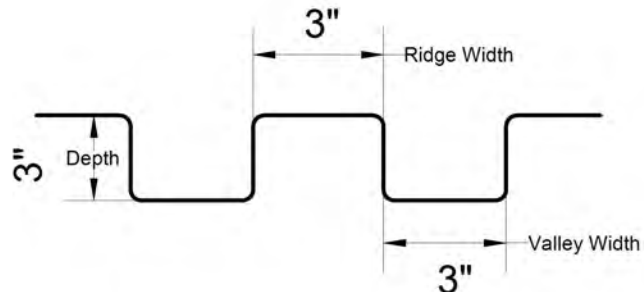


Measurements for Span #	1		
Deck Thickness	0.25	Left Overhang	1.167
Top of Rail to Bottom of Beam	4.5	Right Overhang	1.167

Beam No	Beam Type	Spacing	Comments
1	Steel I Beam	2.833ft	
2	Steel I Beam	2.833ft	
3	Steel I Beam	2.833ft	
4	Steel I Beam	2.833ft	
5	Steel I Beam	2.833ft	
6	Steel I Beam	2.833ft	
7	Steel I Beam	2.833ft	
8	Steel I Beam	2.833ft	
9	Steel I Beam		



FLANGE THICKNESS: $\frac{5}{8}$ "
WEB THICKNESS: $\frac{3}{8}$ "



Title
SUPER.

Description
DECK SECTION

Bridge No: 010246

Drawn By: RAP

Date: 10/16/08

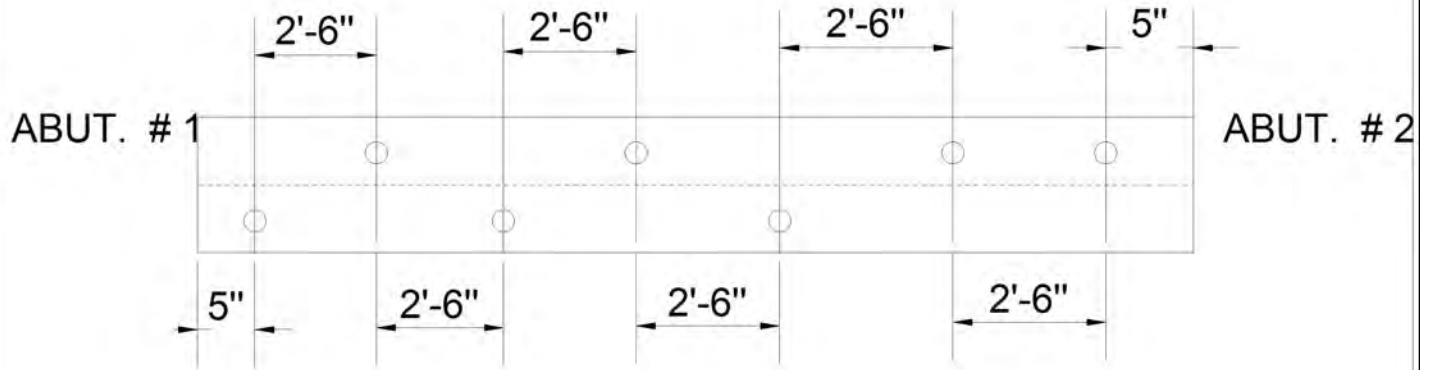
File Name: S0000000881

Bridge Inspection Field Sketch

VERIFIED 9/19/12 R.A. PIERCE, M. FORD

FLANGE HOLES

EAST →



11/16" HOLES IN TOP FLANGE OF ALL BEAMS

HOLES ARE APPROXIMATLY 2" FROM FLANGE EDGE.

Title
FLANGE HOLES

Description
FLANGE HOLES

Bridge No: 010246

Drawn By: RAP

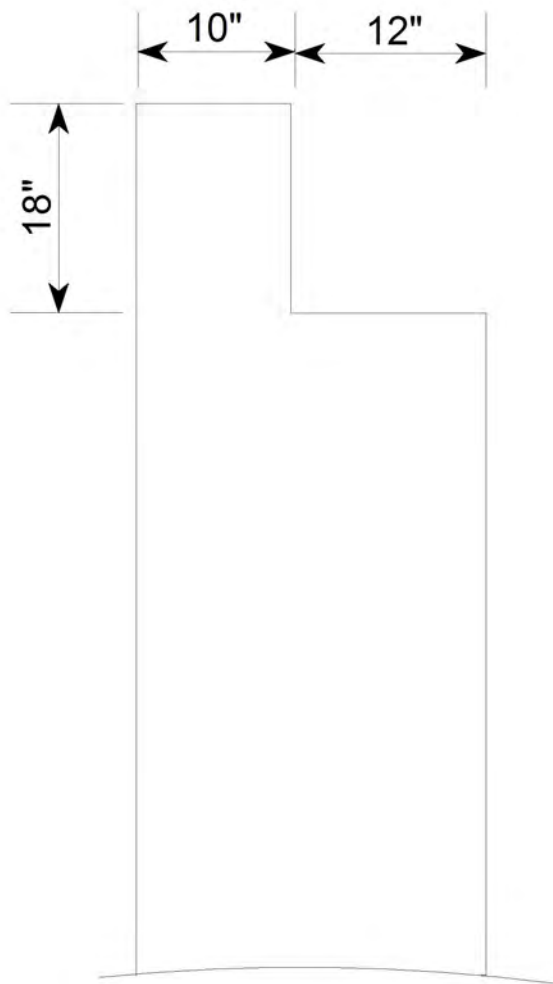
Date: 10/16/08

File Name: S0000000882

Bridge Inspection Field Sketch

VERIFIED 9/19/12 R.A. PIERCE, M. FORD

BM. OUT:	LT.	RT.
ABUT. # 1:	8"	8"
ABUT. # 2:	8"	8"



SIDE VIEW CONC. ABUTS.

Title
SUBST.

Description
ABUTS.

Bridge No: 010246

Drawn By: RAP

Date: 10/16/08

File Name: S0138001810

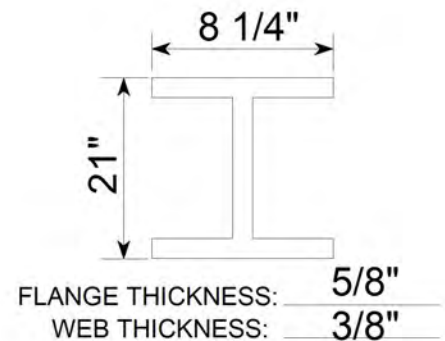
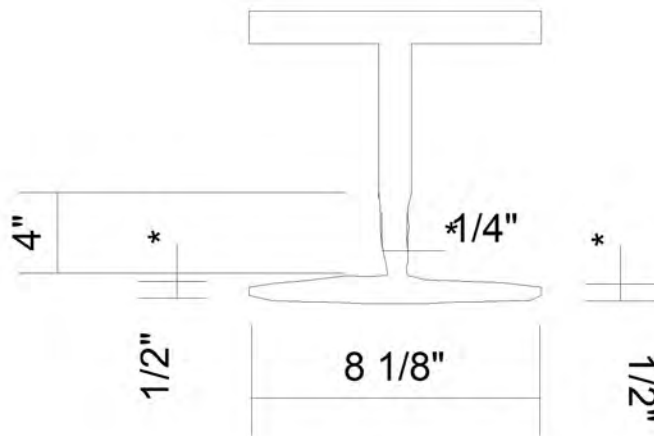
Bridge Inspection Field Sketch

VERIFIED 9/19/12 R.A. PIERCE, M. FORD

SECT. LOSS ON BOTT. FLANGES & LOWER 4" OF WEB
ON BM. # 3 & 4 @ ABUT. # 1

LOSS EXTENDS FROM END OF BMS. BACK APPROX. 18"

BM. ENDS HAVE BEEN PAINTED SINCE LAST INSPECTION



SCALE: N.T.S.

ORIGINAL SECTION

Title
SECT. LOSS

Description
SECT. LOSS

Bridge No: 010246

Drawn By: RAP

Date: 9/23/2010

File Name: S0138072579



LOOKING WEST



UPSTREAM



DOWNSTREAM



WEST TO EAST



ABUT. (A)



ABUT. (B)



SOUTH PROFILE



NORTH PROFILE