



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION

(PMN) ISSUED FOR P-5 OF ABUT. (B)...

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY SURRY BRIDGE NUMBER 850202 INSPECTION CYCLE 2 YRS
ROUTE SR1338 ACROSS CREEK M.P. 0

LOCATION .6 MI.S.JCT.SR1408

SUPERSTRUCTURE STEEL PLANK FLOOR ON I-BEAMS

SUBSTRUCTURE E.BTS:TIMBER CAPS/TIMBER POST&CONC.SILLS @ 5'-10 CENTERS

SPANS 1 @ 50'-6

LONGITUDE 80° 50' 53.4"

LATITUDE 36° 30' 10.6"

PRESENT CONDITION POOR

INVENTORY RATING

INSPECTION DATE 10/05/2011

OPERATING RATING

PRESENT POSTING SV 30 TTST 30 30 TONS

PROPOSED POSTING

COMPUTER UPDATE

ANALYSIS DATE

POSTING LETTER DATE

SUFFICIENCY RATING

OTHER SIGNS PRESENT 4 DELINEATORS



SOUTH TO NORTH

SIGN NOTICE ISSUED FOR		NUMBERED REQUIRED
Yes	WEIGHT LIMIT	<u>1</u>
No	DELINEATORS	<u></u>
No	NARROW BRIDGE	<u></u>
No	ONE LANE BRIDGE	<u></u>
No	LOW CLEARANCE	<u></u>

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

IDENTIFICATION				CLASSIFICATION			
(1) STATE NAME -NORTH CAROLINA		BRIDGE	850202	SUFFICIENCY RATING =		26.3	
(8) STRUCTURE NUMBER(FEDERAL)		000000001710202		STATUS =		Structurally Deficient	
(5) INVENTORY ROUTE (ON/UNDER) - ON		31013380					
(2) STATE HIGHWAY DEPARTMENT DISTRICT		1					
(3) COUNTY CODE	171	(4) PLACE CODE	00000	(112)NBIS BRIDGE SYSTEM -		YES	
(6) FEATURE INTERSECTED - CREEK				(104)HIGHWAY SYSTEM		Is not on NHS 0	
(7) FACILITY CARRIED SR1338				(26) FUNCTIONAL CLASS - Local		09	
(9) LOCATION .6 MI.S.JCT.SR1408				(100)STRAHNET HIGHWAY - Not a STRAHNET Route		0	
(11)MILEPOINT		0		(101)PARALLEL STRUCTURE - No Parallel Structure		N	
(16)LAT	36° 30' 10.8"	(17)LONG	80° 50' 51.9"	(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		6	
TYPE -	Stringer Mutlibeam or Girder	CODE	302	(59) SUPERSTRUCTURE		5	
(44) STRUCTURE TYPE APPR :				(60) SUBSTRUCTURE		4	
TYPE -		CODE	000	(61) CHANNEL & CHANNEL PROTECTION		6	
(45) NUMBER OF SPANS IN MAIN UNIT		1		(62) CULVERTS		N	
(46) NUMBER OF APPROACH SPANS							
(107)DECK STRUCTURE TYPE - 6		CODE					
(108)WEARING SURFACE / PROTECTIVE SYSTEM :							
(A) TYPE OF WEARING SURFACE -		CODE					
(B) TYPE OF MEMBRANE -		CODE					
(C) TYPE OF DECK PROTECTION -		CODE					
				LOAD RATING AND POSTING			
(27) YEAR BUILT		1968		(31) DESIGN LOAD		Other or Unknown 0	
(106)YEAR RECONSTRUCTED				(63) OPERATING RATING METHOD - Load Factor			
(42) TYPE OF SERVICE : ON - Highway				(64) OPERATING RATING - HS-1		101	
UNDER - Waterway		CODE	15	(65) INVENTORY RATING METHOD - Load Factor			
(28) LANES: ON STRUCTURE 2 UNDER STRUCTURE				(66) INVENTORY RATING - HS-1		101	
(29) AVERAGE DAILY TRAFFIC		660		(70) BRIDGE POSTING - Posting Required		1	
(30) YEAR OF ADT 2008		(109) TRUCK ADT PCT	6%	(41) STRUCTURE OPEN, POSTED ,OR CLOSED		P	
(19) BYPASS OR DETOUR LENGTH		9 MI		DESCRIPTION - Posted for Load			
GEOMETRIC DATA				APPRAISAL			
(48) LENGTH OF MAXIMUM SPAN		50 FT		(67) STRUCTURAL EVALUATION		2	
(49) STRUCTURE LENGTH		51 FT		(68) DECK GEOMETRY		4	
(50)CURB OR SIDEWALK: LEFT .3 FT RIGHT .3 FT				(69) UNDERCLEARANCES,VERTI & HORIZ		N	
(51) BRIDGE ROADWAY WIDTH CURB TO CURB		24 FT		(71) WATERWAY ADEQUACY		7	
(52) DECK WIDTH OUT TO OUT		24.3 FT		(72) APPROACH ROADWAY ALIGNMENT		7	
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS)		18 FT		(36) TRAFFIC SAFETY FEATURES		0000	
(33) BRIDGE MEDIAN - No Median		CODE	0 FT	(113)SCOUR CRITICAL BRIDGES		U	
(34) SKEW 0°		(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		000.0 FT					
(55) MIN LAT UNDERCLEAR RT REF Not a Highway or Railroad		000 FT					
(56) MIN LAT UNDERCLEAR LT REF -		000 FT					
NAVIGATION DATA				PROPOSED IMPROVEMENTS			
(38) NAVIGATION CONTROL - No Navigational Control		CODE	0	(75) TYPE OF WORK -		CODE	
(111)PIER PROTECTION -		CODE		(76) LENGTH OF STRUCTURE IMPROVEMENT			
(39) NAVIGATION VERTICAL CLEARANCE		0		(94) BRIDGE IMPROVEMENT COST			
(116)VERT - LIFT BRIDGE NAV MIN VERT CLEAR		FT		(95) ROADWAY IMPROVEMENT COST			
(40) NAVIGATION HORIZONTAL CLEARANCE		0 FT		(96) TOTAL PROJECT COST			
				(97) YEAR OF IMPROVEMENT COST ESTIMATE			
				(114)FUTURE ADT 1320		(115) YEAR FUTURE ADT	2025
				INSPECTIONS			
(90) INSPECTION DATE				10/05/2011			
(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

COUNTY : SURREY	DIVISION : 11	DISTRICT : 1	STRUCTURE NUMBER : 850202	LENGTH : 51	FEET
ROUTE CARRIED : SR1338		FEATURE INTERSECTED : CREEK			
LOCATED : .6 MI.S.JCT.SR1408		BRIDGE NAME :		CITY :	
FUNC. CLASS : 09	SYST.ON : NFA	SYST.UNDER : NFA	ADT & YR : 660 2008	RAIL TYPE : LT 233 RT 233	
BUILT : 1968	BY : BMU	PROJ :	FED.AID PROJ :	DESIGN LOAD : Other or Unknown	
REHAB :	BY :	PROJ :	ALIGNMENT : TAN	SKEW : 90	LANES : ON 2 UNDER
NAVIGATION : VC 0 FT		HC 0 FT	HT. CRN. TO BED : 11 FT	WATER DEPTH : 1 FT	
SUPERSTRUCTURE : STEEL PLANK FLOOR ON I-BEAMS					
SUBSTRUCTURE : E.BTS:TIMBER CAPS/TIMBER POST&CONC.SILLS @ 5'-10 CENTERS					
SPANS : 1 @ 50'-6					
BEAMS OR GIRDERS : 10 LINES 21 I-BEAMS @ 2'-7 CENTERS					
FLOOR :		ENCROACHMENT :		DECK (OUT TO OUT) : 24.3 FT	
CLEAR ROADWAY : 24 FT		BETWEEN RAILS : 24.6 FT		SIDEWALK OR CURB : LT .3 FT RT .3 FT	
VERT.CL.OVER : 999.9 FT					
INV.RTG. : HS-1	OPE.RTG. : HS-1	CONTR.MEMBER : int bm	POSTED : SV 30	TTST 30	DATE 06/28/2006
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. 850202 COUNTY SURRY ROUTE SR1338 OVER CREEK
 STRUCTURE TYPE STEEL PLANK FLOOR ON I-BEAMS
 ROUTE ORIENTATION S - N SPANS 1 @ 50'-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			G	a. WATERWAY	G	
2. DECK NO. OF EA TYPE SPN GRADE RATES SI & A ITEM 58				b. ALIGNMENT	F	
a. CONCRETE				c. SCOUR	G	
b. TIMBER				d. SLOPE PROT., RIP-RAP, DIKES, ETC.		
c. STEEL PLANK			1 F	50. APPROACH ROADWAY CONDITION F		
d. OPEN GRID				51. APPROACH SLABS		
3. RAILING				52. PAINT SYSTEM CODE A P		
a. CONCRETE				53. UTILITIES		
b. TIMBER				54. RESPONSE TO LIVE LOAD G		
c. ALUMINUM				55. ESTIMATED REMAINING LIFE 25		
d. STEEL			G			
4. CURBS, WHEELGUARDS, PARAPETS, MEDIANS			G			
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) 7		
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)			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			F	b. SUPERSTRUCTURE	ITEM 59	5
11. LONGITUDINAL JOIST OR STRINGERS				c. SUBSTRUCTURE	ITEM 60	4
12. INT. DIAP'S, X-FRAMES, BRACING & CONN'S			G	d. CHANNEL & CHANNEL PROT.	ITEM 61	5
13. END DIAP'S, CURTAIN WALLS, & CONN'S						
14. FLOOR BEAMS AND CONNECTIONS				71. SI&A FIELD APPRAISAL RATINGS		
15. BEARING ASSEMBLIES (INCLUDING MISALIGN)			G	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.				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			P	LADDER NO		
c. BULKHEADS, WING'S, & TIE BACKS			G	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			G			
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)						
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 MAX FORD			
Assisted By RAP			
Item No.	Grade		
2c	F	RUST, SCALE AND CORROSION ALONG BOTTOM OF DECK AT DRAIN HOLES AND ALONG CONNECTIONS...	
10	F	RUST, SCALE AND LOSS OF SECTION ON END OF ALL BEAMS AT ABUTMENTS...	
10A	NO	RUST, SCALE AND LOSS OF SECTION ALONG BOTH FLANGES OF EXTERIOR BEAMS; FULL LENGTH, SEE SKETCH. NO CURVED GIRDERS...	
52	P	RUST, SCALE AND PITTING (+/- 1/8 INCH) ALONG EXTERIOR BEAMS , AND ALL BEAM ENDS AT EACH ABUTMENT... SEE SKETCH	
35a	F	DECAY, (+/- 10 %) RT. END (BACKSIDE) OF ABUT. (B) CAP EXTENDS UP TO BRG. PLATE...	
35b	P	(+/- 1 INCH DEEP X 1 FT. HIGH) DECAY ON (SW) QUAD. OF P-1 AT ABUT. (B)... DECAY, FULL CIRCUMFERENCE (BOTT. (+/- 1 FT.) OF P-5 AT ABUT. (B)... (+/- 1/2 INCH SHELL AND 2 INCH DIAM. CORE) REMAINING... SEE SKETCH (PMN)	
45b	F	WATERWAY ALIGNMENT; FLOW IS DIRECTED BY SEDIMENT INTO AND ALONG ABUT. B; NO UNDERMINING AT THIS TIME	

BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 850202

County SURRY

Date: 10/05/2011

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	19	APPROACH PAVEMENT IS CRACKED AND SETTLED (+/- 1 INCH)...	
3328	Maintenance/Repair/ Replace Steel Plank Bridge Floor	SF	725	RUST, SCALE AND CORROSION ALONG BOTTOM OF DECK AT DRAIN HOLES AND ALONG CONNECTIONS...	
3342	Clean and Paint Structural Steel	SF	800	RUST, SCALE AND PITTING (+/- 1/8 INCH) ALONG EXTERIOR BEAMS , AND ALL BEAM ENDS AT EACH ABUTMENT... SEE SKETCH	
 3344	Repair / Replace Timber Substructure Components	LF	1	DECAY, FULL CIRCUMFERENCE, BOTT. (+/- 1 FT.) OF P-5 AT ABUT. (B)... (+/- 1/2 INCH SHELL AND 2 INCH DIAM. CORE) REMAINING... SEE SKETCH	
3344	Repair / Replace Timber Substructure Components	LF	2	ITEM (2), SKETCH, DECAY OF P-5 OF ABUT. (B)... DECAY, (+/- 10 %) RT. END (BACKSIDE) OF ABUT. (B) CAP EXTENDS UP TO BRG. PLATE... (+/- 1 INCH DEEP X 1 FT. HIGH) DECAY ON (S) QUAD. OF P-1 AT ABUT. (B)...	

Key



Priority Maintenance Item



Critical Finding Item



Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 850202

County SURRY

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	1 LF
Location:		
Pier Substructure	Bent/Span No. 2	PILE (5) OF ABUT. (B)
Priority Level	Status	
Priority Maintenance	Division Maintenance Work In Process	
Submitted Date:	Submitted By:	Assisted By:
10/05/2011	MAX FORD	ROBERT PIERCE
Details		
DECAY, FULL CIRCUMFERENCE, BOTT. (+/- 1 FT.) OF P-5 AT ABUT. (B)... (+/- 1/2 INCH SHELL AND 2 INCH DIAM. CORE) REMAINING... SEE SKETCH ITEM (2), SKETCH, DECAY OF P-5 OF ABUT. (B)...		



PAVEMENT IS CRACKED AND SETTLED (+/- 1 INCH) ALONG EACH APPROACH...



RUST, SCALE AND PITTING (+/- 1/8 INCH) ALONG EXTERIOR BEAMS , AND ALL BEAM ENDS AT EACH ABUTMENT... SEE SKETCH



RUST AND SCALE AT BEAM ENDS OF ABUT. (A)... SEE SKETCH



RUST, SCALE AND CORROSION ALONG BOTTOM OF DECK AT DRAIN HOLES AND ALONG CONNECTIONS...



DECAY, (+/- 10 %) RT. END (BACKSIDE) OF ABUT. (B) CAP EXTENDS UP TO BRG. PLATE...



RUST AND SCALE ON BEAM ENDS AT ABUT. (B)...



DECAY, FULL CIRCUMFERENCE (BOTT. (+/- 1 FT.) OF P-5 AT ABUT. (B)... (+/- 1/2 INCH SHELL AND 2 INCH DIAM. CORE) REMAINING... SEE SKETCH (PMN)



(+/- 1 INCH DEEP X 1 FT. HIGH) DECAY ON (S) QUAD. OF P-1 AT ABUT. (B)...

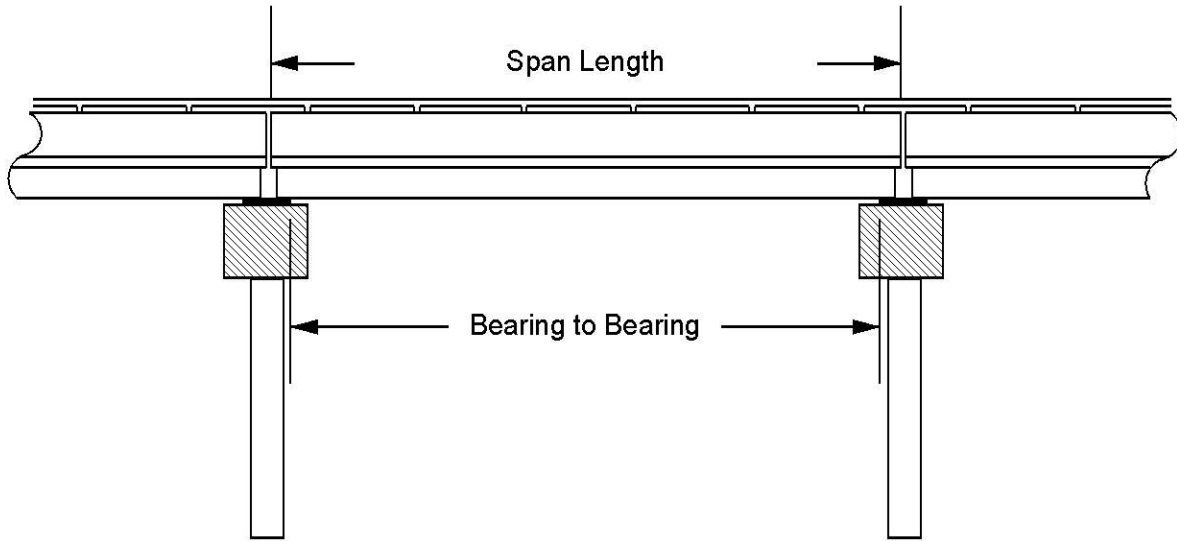
Bridge Inspection Field Sketch			
VERIFIED 10/5/11 R.A. PIERCE, M. FORD			
4" DEEP DECAY IN PILE # 5 @ ABUT. # 2 FULL CIRCUMFERENCE WITH 1/2" SHELL & 2" CORE REMAINING DECAY EXTENDS FROM TOP OF ENCASEMENT UP APPROX. 12"			
Title PILE DECAY		Description PILE DECAY	
Bridge No: 850202	Drawn By: RAP	Date: 10/5/2011	File Name: 50135072728

SKETCH, DECAY OF P-5 OF ABUT. (B)...

Structure Data Worksheet

Spans

County: SURRY Structure No: 850202 Date: 10/05/2011 Inspected By: MF



Span No	Span Length	Bearing to Bearing	Comments
1	50.5 FT.	49.667 ft.	FACE OF CAP TO FACE OF CAP = 48

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 850202 County: SURRY Date: 10/05/2011 By: MF

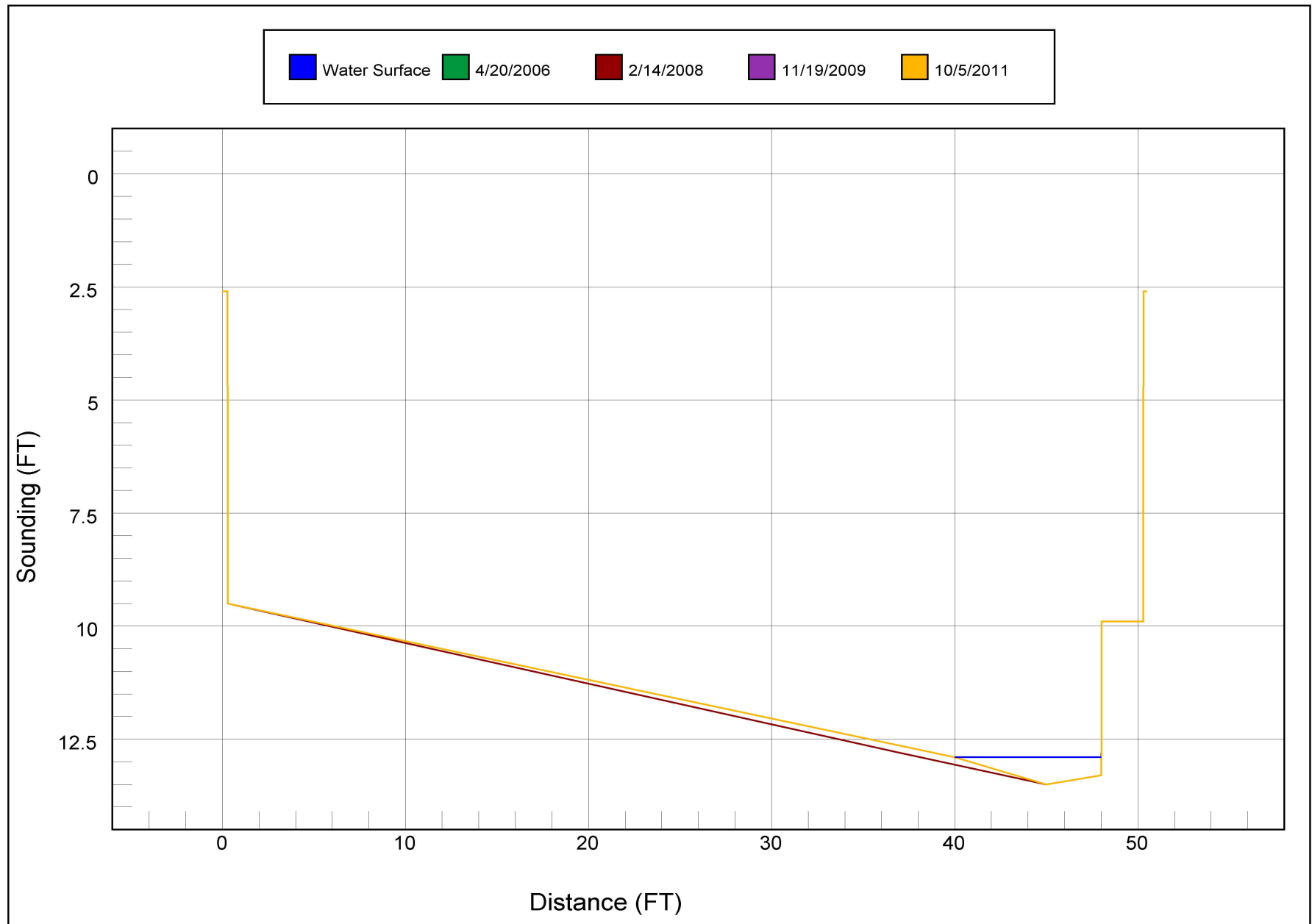
Record sounding from top of rail. Other location if needed: _____

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	2.6	TOP OF FILLFACE			
0.28	2.6	TOP OF FILLFACE			
0.29	4.7	TOP OF CAP			
0.3	9.5	FACE OF ABUT	0.3	9.5	FACE OF ABUT
40	12.9	WSWE			
45	13.5	BED FLOW WEST			
48	13.3	FACE OF ENC			
48.01	12.9	WSWE			
48.02	9.9	TOP OF ENC			
50.3	9.9	TOP OF ENC	50.3	9.5	FACE OF ABUT
50.31	4.7	TOP OF CAP			
50.32	2.6	TOP OF FILLFACE			
50.5	2.6	TOP OF FILLFACE			

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch

VERIFIED 10/5/11 R.A. PIERCE, M. FORD



S.R. 1338

LOOKING NORTH

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

Title

APPR. RDWY.

Description

APPR. RDWY. S.R. 1338

Bridge No: 850202

Drawn By: RAP

Date: 04/21/2006

File Name: S0138001105

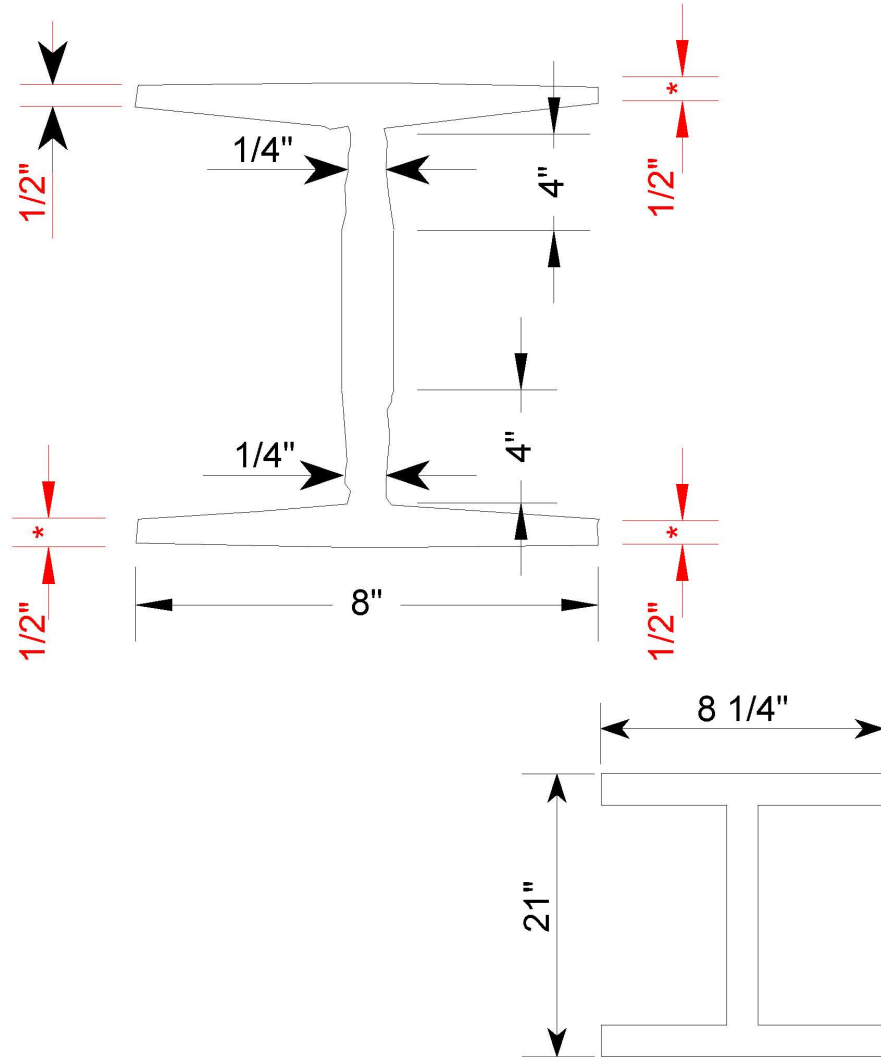
Bridge Inspection Field Sketch

VERIFIED 10/5/11 R.A. PIERCE, M. FORD

SECT. LOSS ON END OF ALL BMS. @ BOTH ABUTS.

LOSS EXTENDS FROM END OF BMS. BACK 5'

LOSS EXTENDS FULL LENGTH ALONG EXTERIOR BMS.



FLANGE THICKNESS: 5/8"
WEB THICKNESS: 3/8"

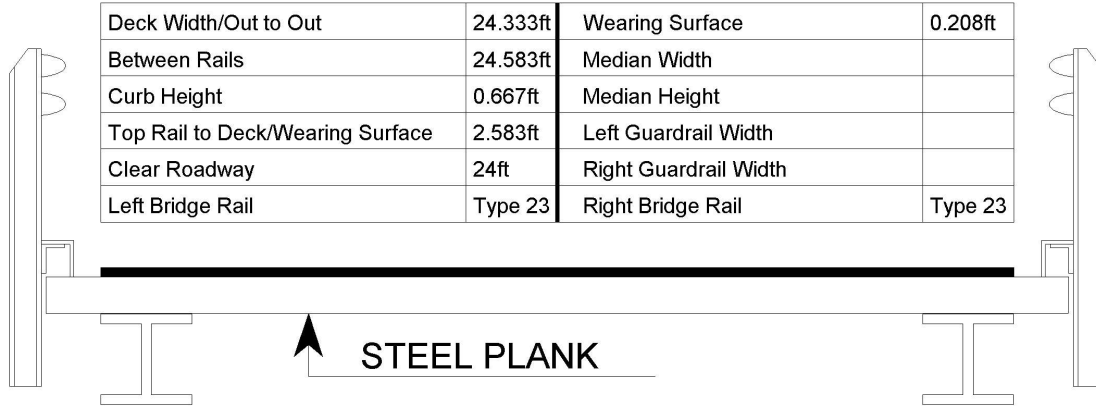
SCALE: N.T.S.

ORIGINAL SECTION

Title		Description	
BM. SECT. LOSS		ALL BMS.	
Bridge No:	850202	Drawn By:	RAP
		Date:	2/11/2008
		File Name:	S0138002603

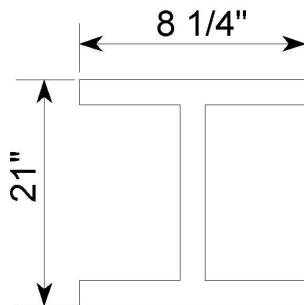
Bridge Inspection Field Sketch

VERIFIED 10/5/11 R.A. PIERCE, M. FORD

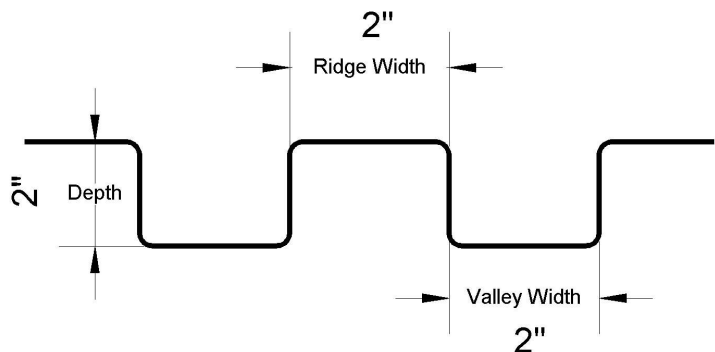


Measurements for Span #	1		
Deck Thickness	0.167	Left Overhang	0.583
Top of Rail to Bottom of Beam	4.667	Right Overhang	0.583

Beam No	Beam Type	Spacing	Comments
1	Steel I Beam	2.583ft	
2	Steel I Beam	2.583ft	
3	Steel I Beam	2.583ft	
4	Steel I Beam	2.583ft	
5	Steel I Beam	2.583ft	
6	Steel I Beam	2.583ft	
7	Steel I Beam	2.583ft	
8	Steel I Beam	2.583ft	
9	Steel I Beam	2.583ft	
10	Steel I Beam		



FLANGE THICKNESS: 5/8"
WEB THICKNESS: 3/8"



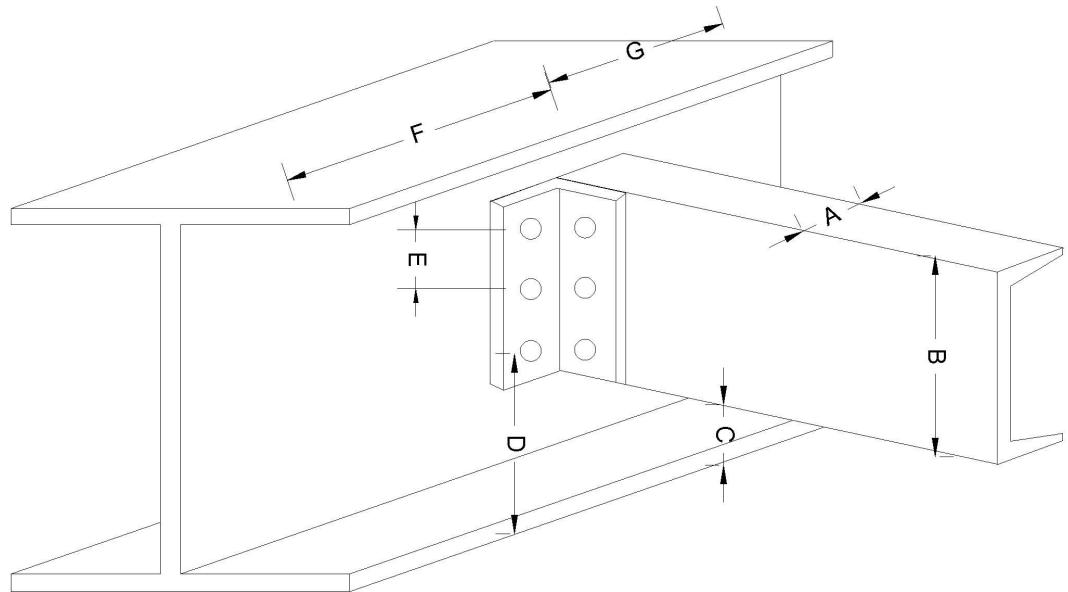
Title		Description	
SUPER.		DECK SECTION	
Bridge No:	850202	Drawn By:	RAP
Date:	04/21/2006	File Name:	S0138001106

Bridge Inspection Field Sketch

VERIFIED 10/5/11 R.A. PIERCE, M. FORD

SPAN: 1

LOCATION: 1/3 POINTS



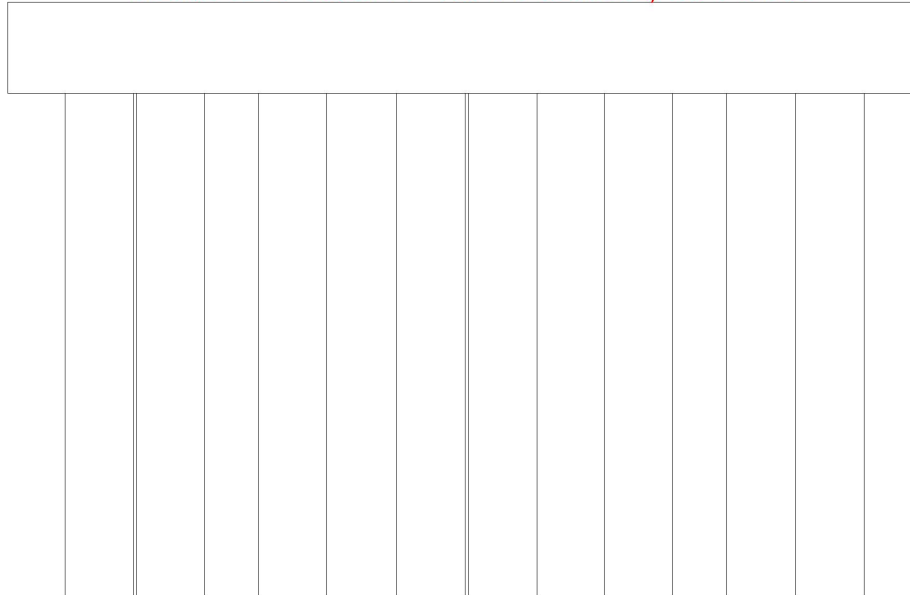
3 BOLTS

SPAN	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E	DIM. F	DIM. G	BOLT SIZE
1	2 5/8"	10"	8"	10 1/2"	2 1/2"	16' - 8"	16' - 8"	3/4"

Title DIAPH.			Description DIAPH.		
Bridge No:	850202	Drawn By:	RAP	Date:	04/21/2006
			File Name: S0138001107		

Bridge Inspection Field Sketch

VERIFIED 10/5/11 R.A. PIERCE, M. FORD



Abutment #	1		
Cap - Beam Type (Wood or Steel)			
Cap Size	26ft Long	1ft Wide	1ft High
Left Overhang	1.333ft	Lt Cap/Beam Overhang	1.5'ft
Right Overhang	1.333ft	Rt Cap/Beam Overhang	1.5'ft

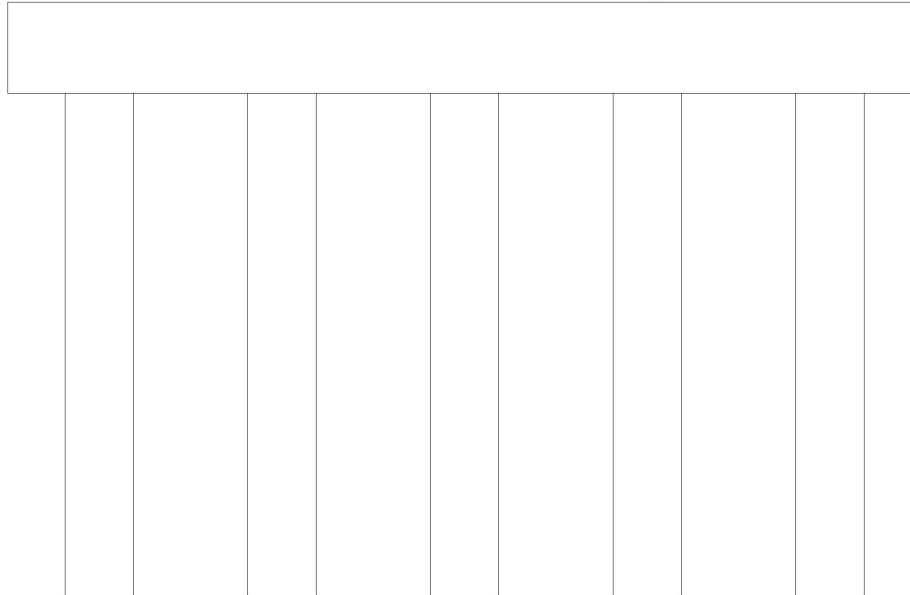
Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Pile Bent	1		1		Vertical
2	Wood or Timber	Pile Bent	4.75		1	1	Vertical
3	Wood or Timber	Pile Bent	5.833		1		Vertical
4	Wood or Timber	Pile Bent	1		1		Vertical
5	Wood or Timber	Pile Bent	4.833		0.833	1	Vertical
6	Wood or Timber	Pile Bent	4.917		1		Vertical
7	Wood or Timber	Pile Bent	1		1	1	Vertical
8	Wood or Timber	Pile Bent			1		Vertical

POST. #2,5,7 ARE SUPPLEMENTS
ORIGINAL PILES ENC. IN CONC.

Title		Description	
SUBST.		ABUT. # 1	
Bridge No:	850202	Drawn By:	RAP
Date:	04/21/2006	File Name:	S0138001108

Bridge Inspection Field Sketch

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Abutment #	2		
Cap - Beam Type (Wood or Steel)			
Cap Size	26ft Long	1ft Wide	1ft High
Left Overhang	1.333ft	Lt Cap/Beam Overhang	1.5ft
Right Overhang	1.333ft	Rt Cap/Beam Overhang	1.5ft

Pile #	Material	Pile Type	Spacing	Length	Width/Diam.	Height	Orientation
1	Wood or Timber	Pile Bent	5.833		1		Vertical
2	Wood or Timber	Pile Bent	5.833		1		Vertical
3	Wood or Timber	Pile Bent	5.833		1		Vertical
4	Wood or Timber	Pile Bent	5.833		1		Vertical
5	Wood or Timber	Pile Bent			1		Vertical

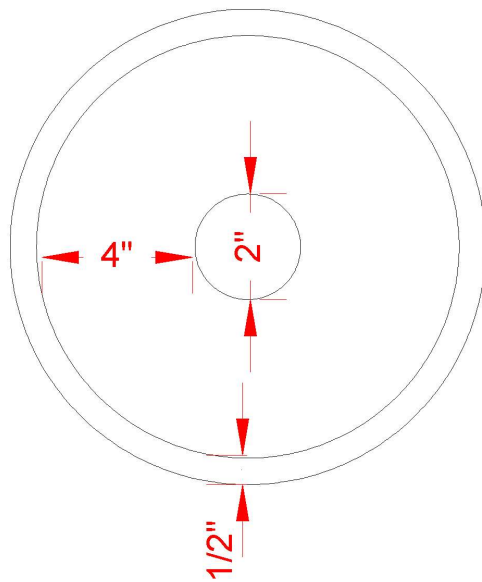
PILES ENC. IN CONC.

Title		Description	
SUBST. 2		ABUT. # 2	
Bridge No: 850202	Drawn By: RAP	Date: 04/21/2006	File Name: S0138001109

Bridge Inspection Field Sketch

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4" DEEP DECAY IN PILE # 5 @ ABUT. # 2 FULL CIRCUMFERENCE
WITH 1/2" SHELL & 2" CORE REMAINING
DECAY EXTENDS FROM TOP OF ENCASEMENT UP APPROX. 12"



Title		Description	
PILE DECAY		PILE DECAY	
Bridge No: 850202	Drawn By: RAP	Date: 10/5/2011	File Name: S0138072726



SOUTH TO NORTH



UPSTREAM



DOWNSTREAM



LOOKING SOUTH



ABUT. (A)



ABUT. (B)



EAST PROFILE



WEST PROFILE