



NC DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 BRIDGE MANAGEMENT UNIT

ATTENTION

PRIORITY MAINTENANCE - RUST AND CORROSION
 WITH SECTION LOSS ON BEAMS 1, 2, 9 AND 10

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection - Contract

COUNTY EDGEcombe BRIDGE NUMBER 320076 INSPECTION CYCLE 0 YRS
 ROUTE SR1527 ACROSS CONETOE CRK. OVERFLOW M.P. 0

LOCATION 1.0 MI W JCT NC42

SUPERSTRUCTURE REINFORCED CONCRETE FLOOR/I-BMS & CONCRETE ENCASED I-BMS

SUBSTRUCTURE REINFORCED CONCRETE FULL HEIGHT ABUTMENTS

SPANS 1 @ 20'2

LONGITUDE 77° 23' 35.03" LATITUDE 35° 52' 95.72"

PRESENT CONDITION POOR INVENTORY RATING _____

INSPECTION DATE 10/10/2012 OPERATING RATING _____

PRESENT POSTING Not Posted PROPOSED POSTING _____

COMPUTER UPDATE _____ ANALYSIS DATE _____

POSTING LETTER DATE _____ SUFFICIENCY RATING _____

OTHER SIGNS PRESENT NONE



LOOKING EAST

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	_____

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

Run Date: 11/08/2012

IDENTIFICATION

(1) STATE NAME -NORTH CAROLINA BRIDGE **320076**
 (8) STRUCTURE NUMBER(FEDERAL) 00000000650076
 (5) INVENTORY ROUTE (ON/UNDER) - ON 31015270
 (2) STATE HIGHWAY DEPARTMENT DISTRICT 1
 (3) COUNTY CODE 65 (4) PLACE CODE 0
 (6) FEATURE INTERSECTED - CONETOE CRK. OVERFLOW
 (7) FACILITY CARRIED SR1527
 (9) LOCATION 1.0 MI W JCT NC42
 (11) MILEPOINT 0
 (16) LAT 35° 52' 95.72" (17) LONG 77° 23' 35.03"
 (98) BORDER BRIDGE STATE CODE PCT SHARE
 (99) BORDER BRIDGE STRUCTURE NO

SUFFICIENCY RATING = 43.33
 STATUS = Structurally Deficient

CLASSIFICATION **CODE**

(112) NBIS BRIDGE SYSTEM - NO
 (104) HIGHWAY SYSTEM Is not on NHS 0
 (26) FUNCTIONAL CLASS - Local 09
 (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 -
 (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 :
 TYPE - CODE 000
 (45) NUMBER OF SPANS IN MAIN UNIT 1
 (46) NUMBER OF APPROACH SPANS
 (107) DECK STRUCTURE TYPE - 1 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 3
 (60) SUBSTRUCTURE 5
 (61) CHANNEL & CHANNEL PROTECTION 7
 (62) CULVERTS N

LOAD RATING AND POSTING **CODE**

(31) DESIGN LOAD Unknown 0
 (63) OPERATING RATING METHOD - Load Factor
 (64) OPERATING RATING - HS-34 161
 (65) INVENTORY RATING METHOD - Load Factor
 (66) INVENTORY RATING - HS-20 136
 (70) BRIDGE POSTING - No Posting Required 5
 (41) STRUCTURE OPEN, POSTED ,OR CLOSED A
 DESCRIPTION - Open, No Restriction

AGE AND SERVICE

(27) YEAR BUILT 1927
 (106) YEAR RECONSTRUCTED 1957
 (42) TYPE OF SERVICE : ON - Highway
 UNDER - Waterway CODE 15
 (28) LANES: ON STRUCTURE 2 UNDER STRUCTURE 0
 (29) AVERAGE DAILY TRAFFIC 340
 (30) YEAR OF ADT 2008 (109) TRUCK ADT PCT 6%
 (19) BYPASS OR DETOUR LENGTH 9 MI

APPRAISAL **CODE**

(67) STRUCTURAL EVALUATION 3
 (68) DECK GEOMETRY 5
 (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 20 FT
 (49) STRUCTURE LENGTH 20 FT
 (50) CURB OR SIDEWALK: LEFT .8335 FT RIGHT .8335 FT
 (51) BRIDGE ROADWAY WIDTH CURB TO CURB 24 FT
 (52) DECK WIDTH OUT TO OUT 25.417 FT
 (32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 20 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 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

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 680 (115) YEAR FUTURE ADT 2025

INSPECTIONS

(90) INSPECTION DATE 10/10/2012
 (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

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: 11/08/2012

COUNTY : EDGECOMBE DIVISION : 4 DISTRICT : 1 STRUCTURE NUMBER : 320076 LENGTH : 20 FEET

ROUTE CARRIED : SR1527 FEATURE INTERSECTED : CONETOE CRK. OVERFLOW

LOCATED : 1.0 MI W JCT NC42 BRIDGE NAME : CITY :

FUNC. CLASS : 09 SYST.ON : NFA SYST.UNDER : NFA ADT & YR : 340 2008 RAIL TYPE : LT 241 RT 241

BUILT : 1927 BY : BMU PROJ : FED.AID PROJ : DESIGN LOAD : Unknown

REHAB : 1957 BY : BMU PROJ : ALIGNMENT : TAN SKEW : 90 LANES : ON 2 UNDER 0

NAVIGATION : VC 0 FT HC 0 FT HT. CRN. TO BED : 6 FT WATER DEPTH : 1 FT

SUPERSTRUCTURE : REINFORCED CONCRETE FLOOR/I-BMS & CONCRETE ENCASED I-BMS

SUBSTRUCTURE : REINFORCED CONCRETE FULL HEIGHT ABUTMENTS

SPANS : 1 @ 20'2

BEAMS OR GIRDERS : 6LNS16 CONC.ENC.I-BMS.;4LNS18 I-BMS.

FLOOR : 6 RC/4.5 AWS ENCROACHMENT : DECK (OUT TO OUT) : 25.417 FT

CLEAR ROADWAY : 24 FT BETWEEN RAILS : 25.667 FT SIDEWALK OR CURB : LT .8335 FT RT .8335 FT

VERT.CL.OVER : 999.9 FT

INV.RTG. : HS-20 OPE.RTG. : HS-34 CONTR.MEMBER : Encased I-Bm POSTED : SV TTST DATE

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

UNDER ROUTES AND CLEARANCES

REMARKS :

BRIDGE INSPECTION RECORD AND SUMMARY

INSPECTION TYPE Routine Inspection - Contract
 BRIDGE NO. 320076 COUNTY EDGECOMBE ROUTE SR1527 OVER CONETOE CRK. OVERFLOW
 STRUCTURE TYPE REINFORCED CONCRETE FLOOR/I-BMS & CONCRETE ENCASED I-BMS
 ROUTE ORIENTATION W - E SPANS 1 @ 20'2

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	45. CHANNEL & CHANNEL PROT.	a. WATERWAY b. ALIGNMENT c. SCOUR d. SLOPE PROT., RIP-RAP, DIKES, ETC.	G G G
2. DECK NO. OF EA TYPE SPN GRADE RATES SI & A ITEM 58	a. CONCRETE			50. APPROACH ROADWAY CONDITION	G
	b. TIMBER		F	51. APPROACH SLABS	
	c. STEEL PLANK			52. PAINT SYSTEM CODE A	P
	d. OPEN GRID			53. UTILITIES	
3. RAILING	a. CONCRETE		F	54. RESPONSE TO LIVE LOAD	G
	b. TIMBER			55. ESTIMATED REMAINING LIFE	4
	c. ALUMINUM			60. REGULATORY SIGN NOTICE ISSUED	NO
	d. STEEL			61. PROMPT-ACTION NOTICE ISSUED	YES
4. CURBS, WHEELGUARDS, PARAPETS, MEDIANS		P		62. PRESENTLY POSTED	NO
5. WALKWAYS (ON OR ATTACHED TO STRUCTURE)				63. TOT. FIELD INSP TIME (INCLUDE WRITE UP)(MAN HR)	3
6. DECK EXP JTS. OR DEVICES. NO. OF EACH	a. STEEL PL OR FINGER			64. TOTAL SNOOPER INSP. TIME (HRS)	0
	b. MISC PREFAB			65. TOTAL TRAFFIC CONTROL TIME (MAN HRS)	0
	c. COMPRESSION SEAL			70. SI&A GENERAL CONDITION RATINGS	
	d. STANDARD JOINTS			a. DECK ITEM 58	5
	e. OPEN JOINTS			b. SUPERSTRUCTURE ITEM 59	3
7. DECK DEBRIS (INCLUDES EXCESS SAND/GRAVEL)		G		c. SUBSTRUCTURE ITEM 60	5
				d. CHANNEL & CHANNEL PROT. ITEM 61	7
SUPER STR. (FM. 1 (90)B TRUSS) ITEM 59				71. SI&A FIELD APPRAISAL RATINGS	
10. LONGITUDINAL BEAMS OR GIRDERS		P		a. WATERWAY ADAQUACY	7
11. LONGITUDINAL JOIST OR STRINGERS				b. APPR. RDWY. ALIGNMENT	7
12. INT. DIAP'S, X-FRAMES, BRACING & CONN'S				72. FIELD SCOUR EVALUATION	O
13. END DIAP'S, CURTAIN WALLS, & CONN'S				USE OF INSP. ACCESSIBILITY EQUIPMENT	
14. FLOOR BEAMS AND CONNECTIONS				SNOOPER (CODE S, 4, OR N) HRS	NO
15. BEARING ASSEMBLIES (INCLUDING MISALIGN)				LADDER	NO
16. DRAINAGE SYSTEM (ON STRUCTURE)		G		BUCKET TRUCK	NO
17. MOVABLE SPAN MACHINERY				BOAT	NO
SUB STR. ITEMS. ITEM 60 (INCLUDE SCOUR)				OTHER	NO
35. TIM SUB STR.	a. ABUT. & INT. BENT CAPS & RISERS			SPECIAL INSPECTION REQUESTED FOR	
	b. PILES, POST, SILLS, & BRACING			NOTE	
	c. BULKHEADS, WING'S, & TIE BACKS			80. INSPECTED BY: <i>Matthew Meyer</i>	
36. CONC SUB STR.	a. ABUT. & INT. BENT CAPS	F		81. REVIEWED BY:	
	b. ABUT. & BENT COL'S BREASTWALLS	F			
	c. ABUT. & INT. BENT PILES				
	d. BACKWALLS, WING'S, RETAIN. WALLS	G			
	e. ABUT. & BENT FOOTINGS & SILLS	G			
37. STEEL SUB STR.	a. ABUT. & INT. BENT CAPS & RISERS				
	b. PILES, BRACING, AND BULKHEADS				
38. FOUNDATION PILES TYPE MATERIAL					
39. SLOPE PROT., RIP-RAP (INCLUDE DRAINAGE)		F			
40. FENDER SYSTEMS					
41. DRIFT		G			

Bridge I&A Form 1(82)H		<h1>FIELD INSPECTION REPORT</h1> <p><u>Bridge Inspeccion & Analysis</u></p>	
State of North Carolina Dept. of Transportation Division of Highways			
Team Leader MATTHEW MOYER			
Assisted By DRW			
Item No.	Grade		
2a	F	DELAMINATIONS IN BOTTOM OF DECK BAY 7	
		FULL WIDTH X FULL LENGTH SPALLING ALONG NORTH EXTERIOR FACE OF DECK	
4	P	HAIRLINE CRACKS AND DELAMINATIONS IN TOP AND FACES OF NORTH AND SOUTH CURBS	
		20 FT X 3" X 1" DEEP SPALL IN FACE OF SOUTH CURB	
		20 FT X 3" X 1" DEEP SPALL IN FACE OF NORTH CURB	
10	P	FULL WIDTH X FULL LENGTH SPALLING ALONG EXTERIOR FACE OF SOUTH CURB	
		LONGITUDINAL HAIRLINE CRACKS WITH EFFLORESCENCE IN FACES OF CONCRETE ENCASED BEAMS	
		RUST AND CORROSION WITH 5" X 2" HOLE IN WEB OF BEAM 1 AT MIDSPAN (PRIORITY MAINTENANCE)	
		RUST AND CORROSION WITH UP TO 50% SECTION LOSS OF BOTTOM FLANGE BEAM 1 AT MIDSPAN (PRIORITY MAINTENANCE)	
		RUST AND CORROSION WITH UP TO 50% SECTION LOSS OF BOTTOM FLANGE BEAM 2 AT MIDSPAN (PRIORITY MAINTENANCE)	
		RUST AND CORROSION WITH UP TO 50% SECTION LOSS OF BOTTOM FLANGE BEAM 9 AT MIDSPAN (PRIORITY MAINTENANCE)	
		RUST AND CORROSION WITH UP TO 35% SECTION LOSS OF BOTTOM FLANGE BEAM 10 AT MIDSPAN (PRIORITY MAINTENANCE)	
10A	NO	NO CURVED GIRDERS	
52	P	RUST AND CORROSION WITH SECTION LOSS ON BEAMS	
36a	F	SCALING AND HAIRLINE CRACKS WITH EFFLORESCENCE IN FACE OF CAP AT ABUTMENTS 1 AND 2	
36b	F	SCALING WITH EXPOSED AGGREGATE AND HAIRLINE CRACKS WITH EFFLORESCENCE IN FACE OF BREASTWALL AT ABUTMENTS 1 AND 2	





BRIDGE INSPECTOR'S RECOMMENDATION FOR MAINTENANCE REPAIRS

Bridge: 320076

County EDGECOMBE

Date: 10/10/2012


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

MMS Code	Description of Function	Unit	Quantity	Remarks	Est. Cost
 3314	Maintain Steel Superstructure Components	LF	20	RUST AND CORROSION WITH 5" X 2" HOLE IN WEB OF BEAM 1 AT MIDSPAN	
 3314	Maintain Steel Superstructure Components	LF	20	RUST AND CORROSION WITH UP TO 50% SECTION LOSS OF BOTTOM FLANGE BEAM 1 AT MIDSPAN	
 3314	Maintain Steel Superstructure Components	LF	20	RUST AND CORROSION WITH UP TO 50% SECTION LOSS OF BOTTOM FLANGE BEAM 2 AT MIDSPAN	
 3314	Maintain Steel Superstructure Components	LF	20	RUST AND CORROSION WITH UP TO 50% SECTION LOSS OF BOTTOM FLANGE BEAM 9 AT MIDSPAN	
3318	Maint to Concrete Handrail	LF	40	RUST AND CORROSION WITH UP TO 35% SECTION LOSS OF BOTTOM FLANGE BEAM 10 AT MIDSPAN	
				20 FT X 3" X 1" DEEP SPALL IN FACE OF SOUTH CURB	
				20 FT X 3" X 1" DEEP SPALL IN FACE OF NORTH CURB	
				FULL WIDTH X FULL LENGTH SPALLING ALONG EXTERIOR FACE OF SOUTH CURB	
3326	Maintain Concrete Deck	SF	40	FULL WIDTH X FULL LENGTH SPALLING ALONG NORTH EXTERIOR FACE OF DECK	

Key

 Priority Maintenance Item

 Critical Finding Item

 Priority Maintenance Level Not Determined

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 320076

County EDGECOMBE

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	20 LF
Location:		
Beams and Girders		Bent/Span No. 1 BEAM
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
10/15/2012	MATTHEW MOYER	DAVID WAGNER
Details		
<p>RUST AND CORROSION WITH 5" X 2" HOLE IN WEB OF BEAM 1 AT MIDSPAN</p> <p>RUST AND CORROSION WITH UP TO 50% SECTION LOSS OF BOTTOM FLANGE BEAM 1 AT MIDSPAN</p>		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	20 LF
Location:		
Beams and Girders		Bent/Span No. 2 BEAM
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
10/15/2012	MATTHEW MOYER	DAVID WAGNER
Details		
<p>RUST AND CORROSION WITH UP TO 50% SECTION LOSS OF BOTTOM FLANGE BEAM 2 AT MIDSPAN</p>		

BRIDGE INSPECTOR'S RECOMMENDATION FOR PRIORITY MAINTENANCE REPAIRS

Bridge: 320076

County EDGECOMBE

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

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	20 LF
Location:		
Beams and Girders		Bent/Span No. 9 BEAM
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
10/15/2012	MATTHEW MOYER	DAVID WAGNER
Details		
RUST AND CORROSION WITH UP TO 50% SECTION LOSS OF BOTTOM FLANGE BEAM 9 AT MIDSPAN		

MMS Code	MMS Description	Quantity
3314	Maintain Steel Superstructure Components	20 LF
Location:		
Beams and Girders		Bent/Span No. 10 BEAM
Priority Level	Status	
Priority Maintenance	Division Bridge Maintenance Notification	
Submitted Date:	Submitted By:	Assisted By:
10/15/2012	MATTHEW MOYER	DAVID WAGNER
Details		
RUST AND CORROSION WITH UP TO 35% SECTION LOSS OF BOTTOM FLANGE BEAM 10 AT MIDSPAN		



20 FT X 3" X 1" DEEP SPALL IN FACE OF SOUTH CURB



20 FT X 3" X 1" DEEP SPALL IN FACE OF NORTH CURB



FULL WIDTH X FULL LENGTH SPALLING ALONG EXTERIOR FACE OF SOUTH CURB



DELAMINATIONS IN BOTTOM OF DECK BAY 7



RUST AND CORROSION WITH 5" X 2" HOLE IN WEB OF BEAM 1 AT MIDSPAN



RUST AND CORROSION WITH UP TO 50% SECTION LOSS OF BOTTOM FLANGE BEAM 1 AT MIDSPAN



RUST AND CORROSION WITH UP TO 50% SECTION LOSS OF BOTTOM FLANGE BEAM 2 AT MIDSPAN



RUST AND CORROSION WITH UP TO 50% SECTION LOSS OF BOTTOM FLANGE BEAM 9 AT MIDSPAN



RUST AND CORROSION WITH UP TO 35% SECTION LOSS OF BOTTOM FLANGE BEAM 10 AT MIDSPAN

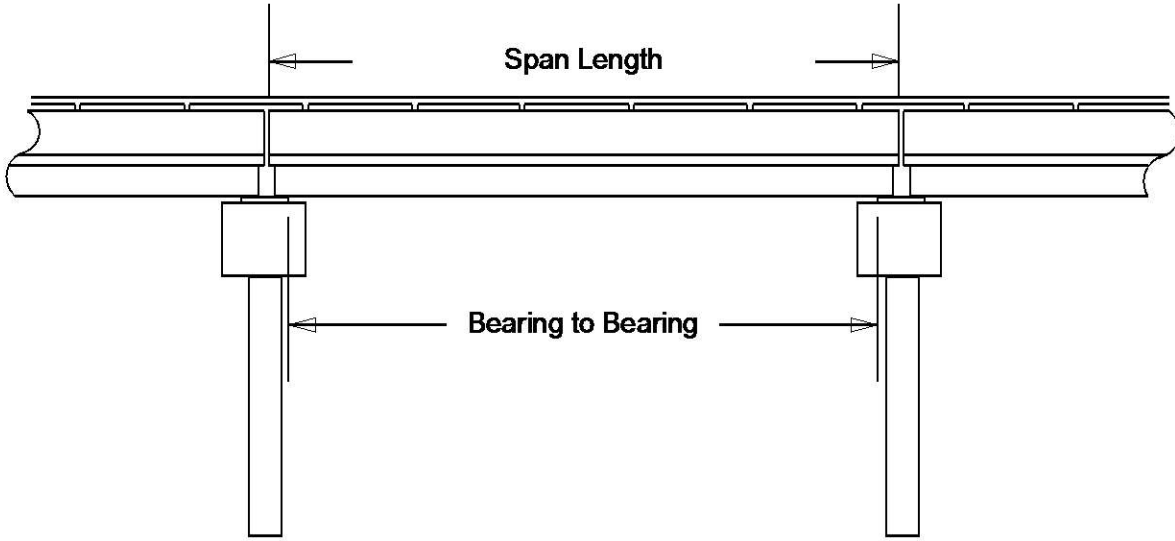


FULL WIDTH X FULL LENGTH SPALLING ALONG NORTH EXTERIOR FACE OF DECK

Structure Data Worksheet

Spans

County: EDGECOMBE Structure No: 320076 Date: 10/10/2012 Inspected By: MJM



Span No	Span Length	Bearing to Bearing	Comments
1	20.167FT		MEASUREMENTS VERIFIED 10-10-2012 MATTHEW MOYER

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 320076 County: EDGECOMBE Date: 10/10/2012 By: MJM

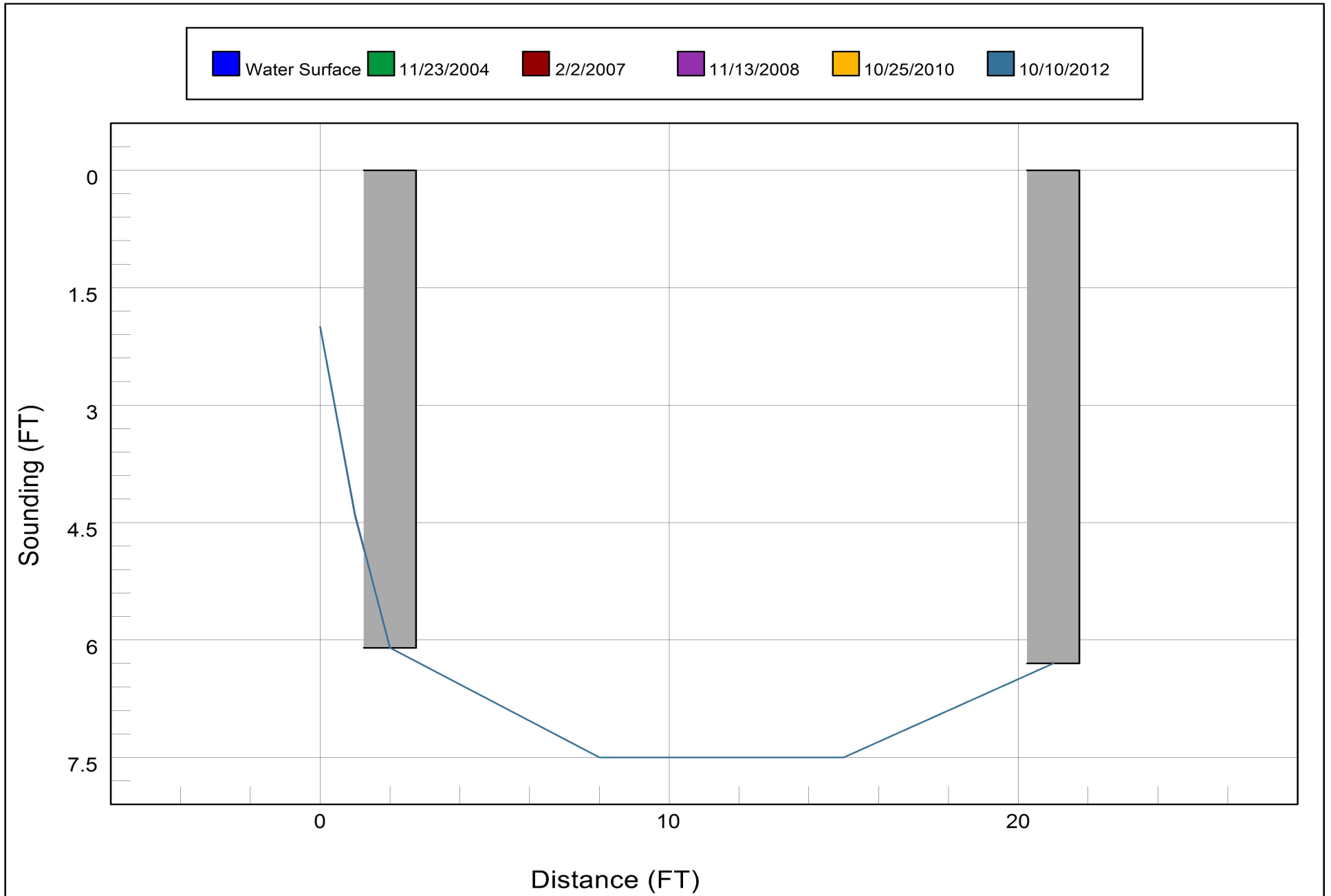
Record sounding from top of rail. Other location if needed: _____

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	TOP OF RAIL			
1	4.4	Top of Cap			
2	6.1	ABUTMENT 1			
8	7.5				
15	7.5				
21	6.3	ABUTMENT 2			

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



Bridge Inspection Field Sketch



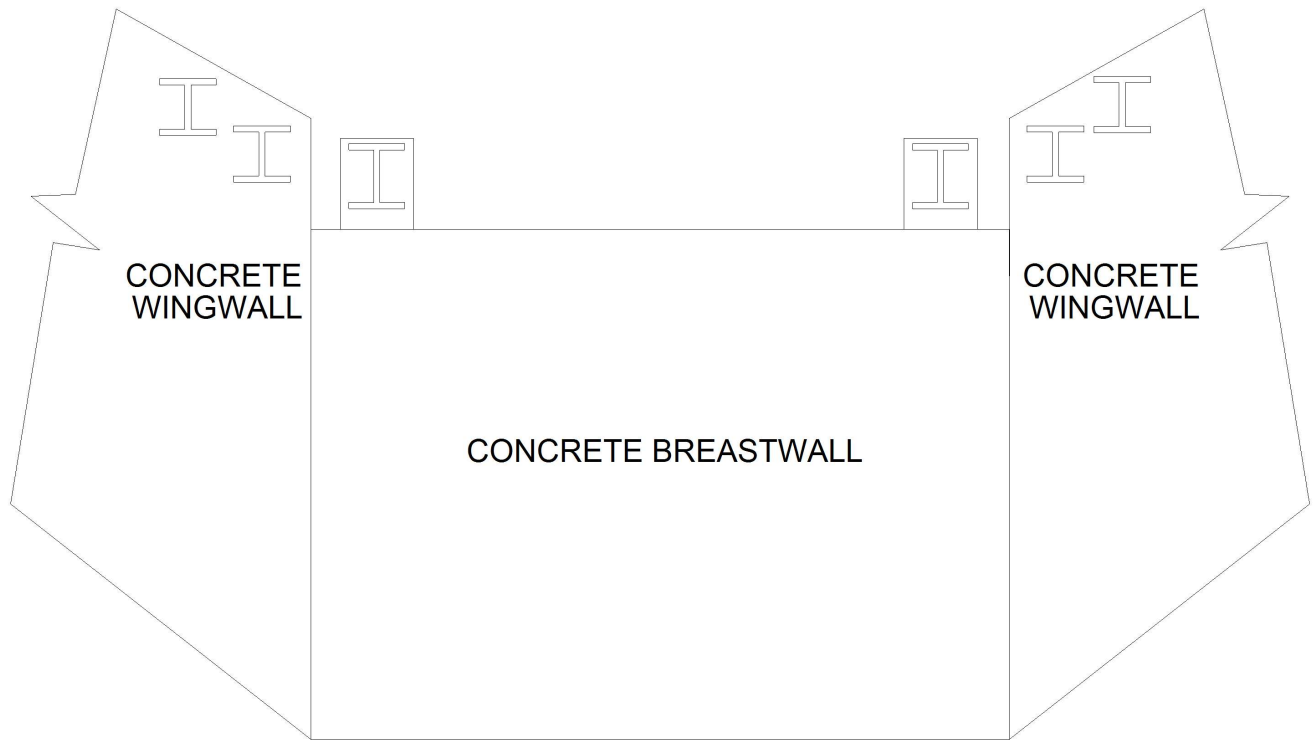
Roadway	20ft Wide	2 Paved Lanes	Looking East
Left Shoulder	6ft Wide		6ft Unpaved
Right Shoulder	6ft Wide		6ft Unpaved
Left Guardrail			
Right Guardrail			

MEASUREMENTS VERIFIED 10-10-2012 MATTHEW MOYER

Title APPROACH ROADWAY	Description APPROACH ROADWAY
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Bridge No: 320076	Drawn By: VMH	Date: 11/13/2008	File Name: S0026000205
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Bridge Inspection Field Sketch



TYPICAL ABUTMENT

MEASUREMENTS VERIFIED 10-10-2012 MATTHEW MOYER

Title

SUBSTRUCTURE

Description

SUBSTRUCTURE

Bridge No: 320076

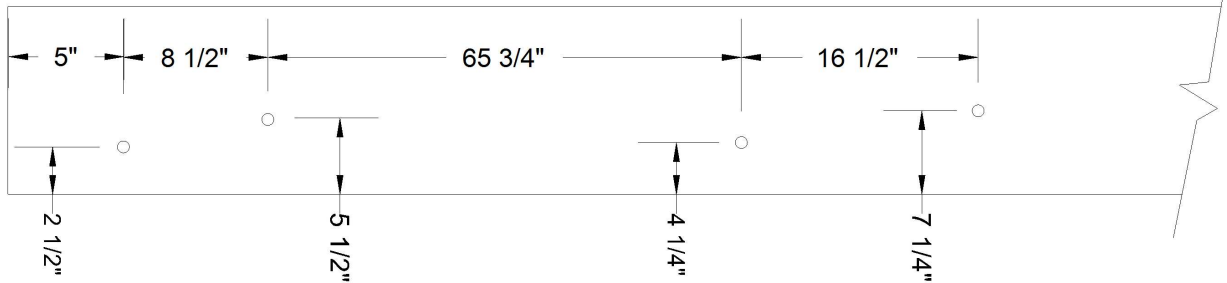
Drawn By: VMH

Date: 11/13/2008

File Name: S0026000207

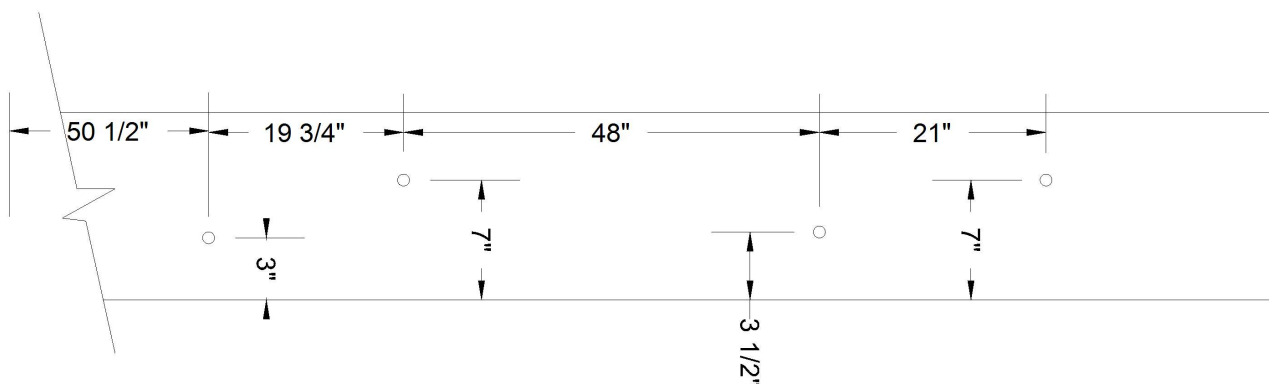
Bridge Inspection Field Sketch

ABUTMENT 1 END



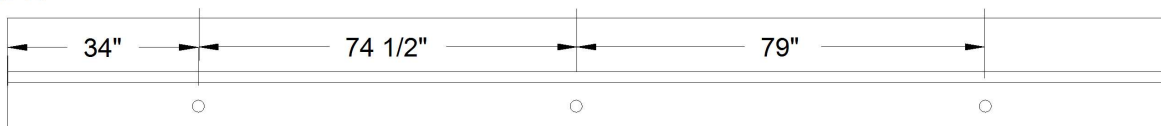
BEAM 10

5/8" HOLES IN SALVAGE BEAM



BEAM 10 CONTINUED

ABUTMENT 1 END
BEAM 10



5/8" HOLES IN BOTTOM FLANGE

MEASUREMENTS VERIFIED 10-10-2012 MATTHEW MOYER

Title

SALVAGE BEAM

Description

SALVAGE BEAM HOLES

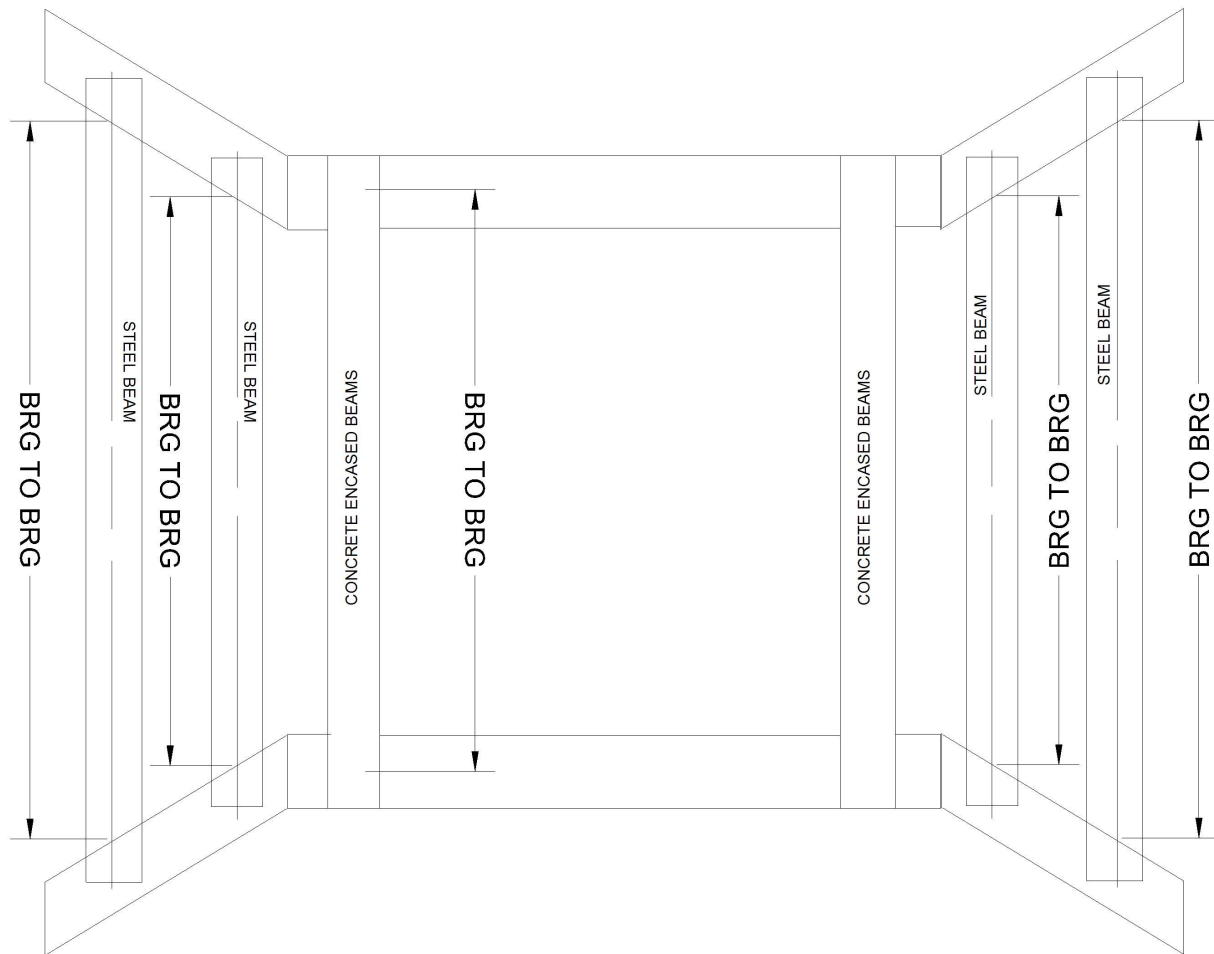
Bridge No: 320076

Drawn By: VMH

Date: 11/13/2008

File Name: S0026000227

Bridge Inspection Field Sketch



BEAM #	BEARING TO BEARING
1	20' 9"
2	19' 0"
3 - 8	18' 2"
9	18' 10"
10	20' 10"

MEASUREMENTS VERIFIED 10-10-2012 MATTHEW MOYER

Title

PLAN VIEW

Description

PLAN VIEW

Bridge No: 320076

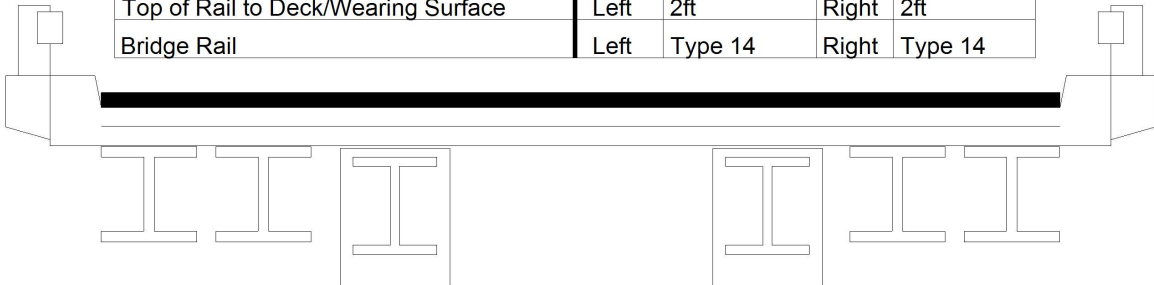
Drawn By: VMH

Date: 11/13/2008

File Name: S0026000208

Bridge Inspection Field Sketch

Deck Width/Out to Out	25.417ft	Between Rails	25.667ft
Clear Roadway	24ft	Wearing Surface	0.375ft
Median Width		Median Height	
Curb Height		Left	0.333ft
		Right	0.333ft
Sidewalk Width		Left	
		Right	
Clear Roadway (Rail to Median)		Left	
		Right	
Guardrail Width		Left	
		Right	
Top of Rail to Deck/Wearing Surface		Left	2ft
		Right	2ft
Bridge Rail		Left	Type 14
		Right	Type 14



Measurements for Span #	1		
Deck Thickness	0.5	Left Overhang	0.646
Top of Rail to Bottom of Beam	4.417	Right Overhang	0.812

Beam Number	Beam Type	Spacing	Comments
1		1.708ft	
2		1.417ft	
3		3.5ft	
4		3.583ft	
5		3.583ft	
6		3.583ft	
7		3.5ft	
8		1.292ft	
9		1.792ft	
10			



FLANGE THICKNESS: 7/16 " TAPERED FLANGES
 WEB THICKNESS: 3/8" WEB
BEAMS 1,2,9,& 10

CONCRETE ENCASED BEAMS 3 - 8

MEASUREMENTS VERIFIED 10-10-2012 MATTHEW MOYER

Title TYPICAL SECTION	Description TYPICAL SECTION
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Bridge No: 320076	Drawn By: VMH	Date: 11/13/2008	File Name: S0026000206
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LOOKING EAST



NORTH BRIDGE RAIL, SOUTH BRIDGE RAIL SIMILAR



LOOKING UPSTREAM (NORTH)



LOOKING DOWNSTREAM (SOUTH)



SUPERSTRUCTURE



ABUTMENT 2, ABUTMENT 1 SIMILAR



UPSTREAM PROFILE



DOWNSTREAM PROFILE



SEALED CRACKS IN APPROACH ROADWAY



SEALED CRACKS IN ASPHALT WEARING SURFACE