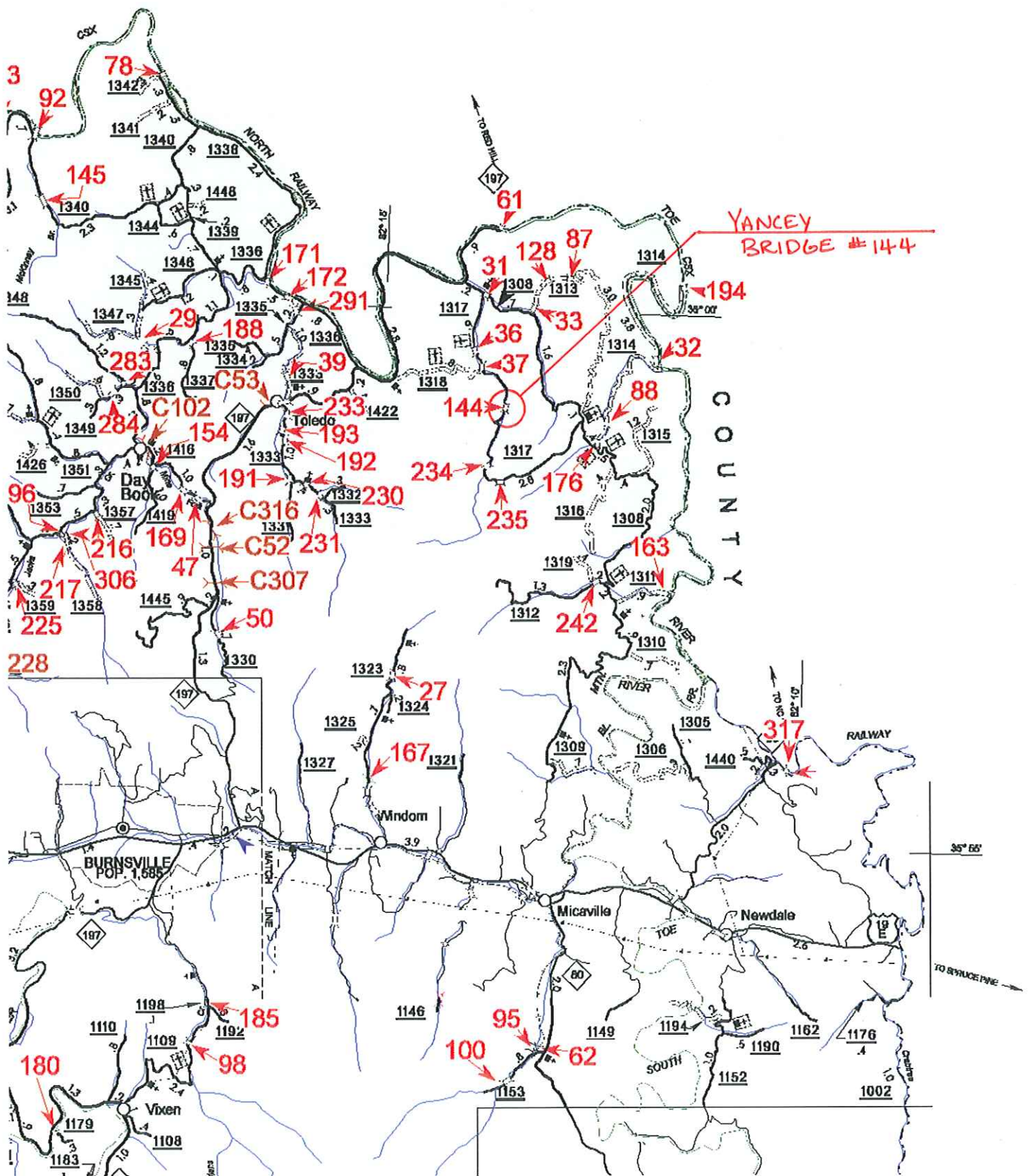






NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION PRIORITY MAINTENANCE

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY YANCEY

BRIDGE NUMBER 990144

INSPECTION CYCLE 2 YRS

ROUTE SR1317

ACROSS CREEK

M.P. 0

LOCATION 2.8 MI.N.JCT.SR1308

SUPERSTRUCTURE TIMBER FLOOR ON TIMBER JOISTS

SUBSTRUCTURE E.BTS:TIMBER CAPS/TIMBER POST&SILLS W/CONC. JACKETS

SPANS 1 @ 20'

LONGITUDE 82° 13' 47.8"

LATITUDE 35° 59' 25.4"

PRESENT CONDITION POOR

INVENTORY RATING

INSPECTION DATE 06/20/2011

OPERATING RATING

PRESENT POSTING SV 10 TTST 16

PROPOSED POSTING

COMPUTER UPDATE

ANALYSIS DATE

POSTING LETTER DATE

SUFFICIENCY RATING

OTHER SIGNS PRESENT DELINEATORS



NORTH

SIGN NOTICE
ISSUED FOR

NUMBERED
REQUIRED

Yes

WEIGHT LIMIT

1

Yes

DELINEATORS

1

No

NARROW BRIDGE

No

ONE LANE BRIDGE

No

LOW CLEARANCE

BRIDGE MANAGEMENT UNIT
DATA ON EXISTING STRUCTURE

Run Date: 06/28/2011

COUNTY : YANCEY		DIV : 13		DIST : 2		STRUCTURE NUMBER : 990144		LENGTH : 20 FEET	
ROUTE CARRIED : SR1317				FEATURE INTERSECTED : CREEK					
LOCATED : 2.8 MI.N.JCT.SR1308				BRIDGE NAME :				CITY :	
FUNC. CLASS : 09		SYST.ON : NFA		SYST.UNDER : NFA		ADT & YR : 100 2009		RAIL TYPE : LT 227 RT 227	
BUILT : 1959		BY : BMU		PROJ :		FED.AID PROJ :		DESIGN LOAD : Other or Unknown	
REHAB :		BY :		PROJ :		ALIGNMENT : TAN		SKEW : 60	
								LANES : ON 2 UNDER	
NAVIGATION : VC 0.0 FT HC 0.0 FT				HT. CRN. TO BED : 8 FT				WATER DEPTH : 1 FT	
SUPERSTRUCTURE : TIMBER FLOOR ON TIMBER JOISTS									
SUBSTRUCTURE : E.BTS:TIMBER CAPS/TIMBER POST&SILLS W/CONC. JACKETS									
SPANS : 1 @ 20'									
BEAMS OR GIRDERS : 10 LINES 6X14 TIMBER JOISTS @ 2'-5" CENTERS									
FLOOR : 4X8 TIM/5 AWS		ENCROACHMENT :				DECK (OUT TO OUT) : 20.1 FT			
CLEAR ROADWAY : 19.1 FT		BETWEEN RAILS : 19.8 FT				SIDEWALK OR CURB : LT 0.3 FT RT 0.3 FT			
VERT.CL.OVER : 99 FT 99 IN		VERT.CL.UNDER : 00 FT 00 IN				HOR.CL.UNDER : 0.0 FT			
INV.RTG. : HS-2		OPE.RTG. : HS-3		CONTR.MEMBER : Ext jost#9		POSTED : SV 3 TTST 0		DATE 06/28/2011	
SYSTEM : Secondary S.R. Route						GREEN LINE ROUTE : N			
2ND OPENING :		3RD OPENING :		4TH OPENING :		5TH OPENING :			
REMARKS :									

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 990144 County: YANCEY Date: 06/20/2011 By: RWS

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				
0.3	2.6				
0.3	4.4				
1	4.4				
1	7.3				
4	8.9				
9	10	Water Surface/Water Edge (WSWE)			
13	10.7				
17	10	Water Surface/Water Edge (WSWE)			
17.001	8.3				
19	8.3				
19.001	4.4				
19.7	4.4				
19.701	2.6				
20	2.6				

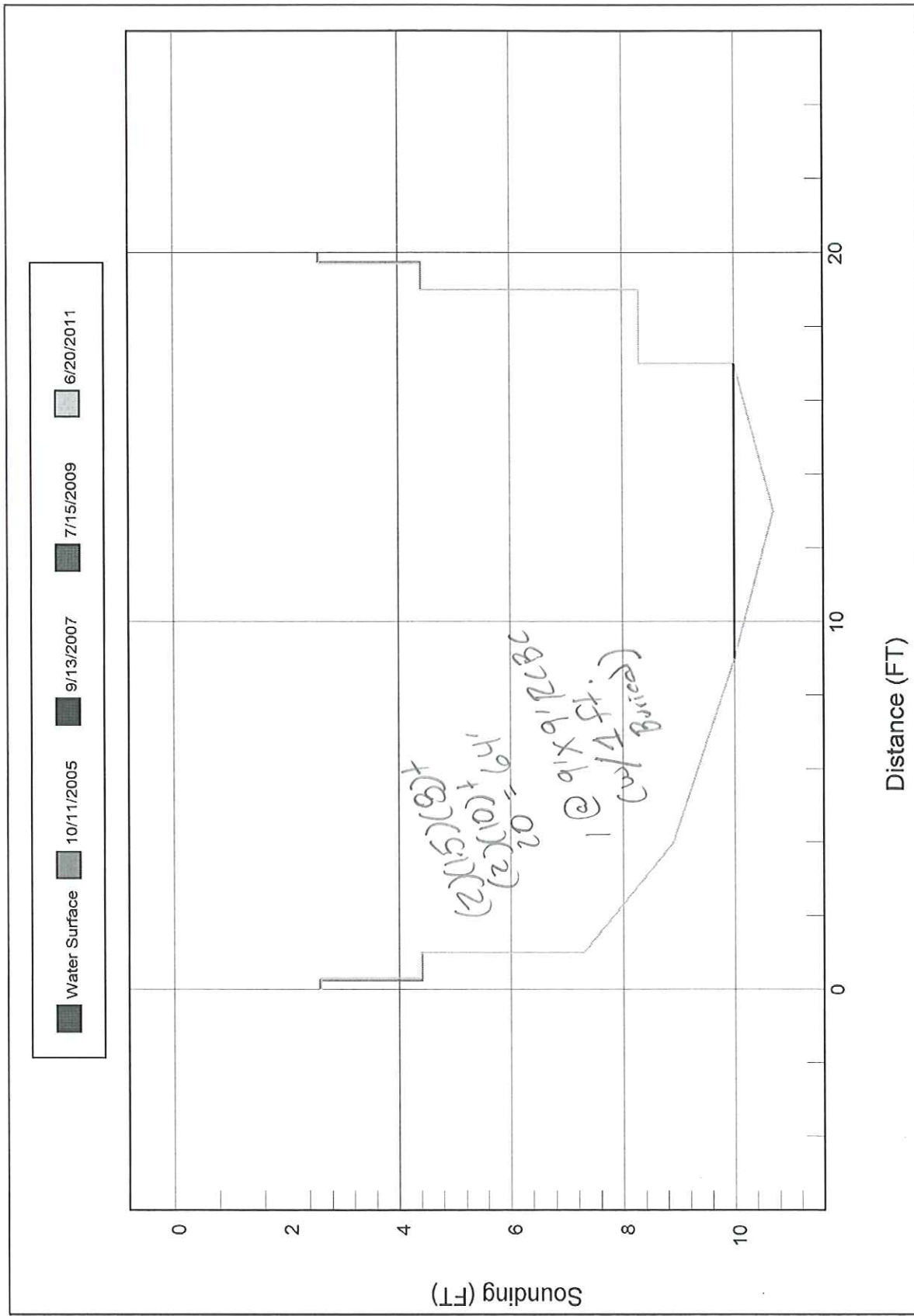
Bridge: 990144

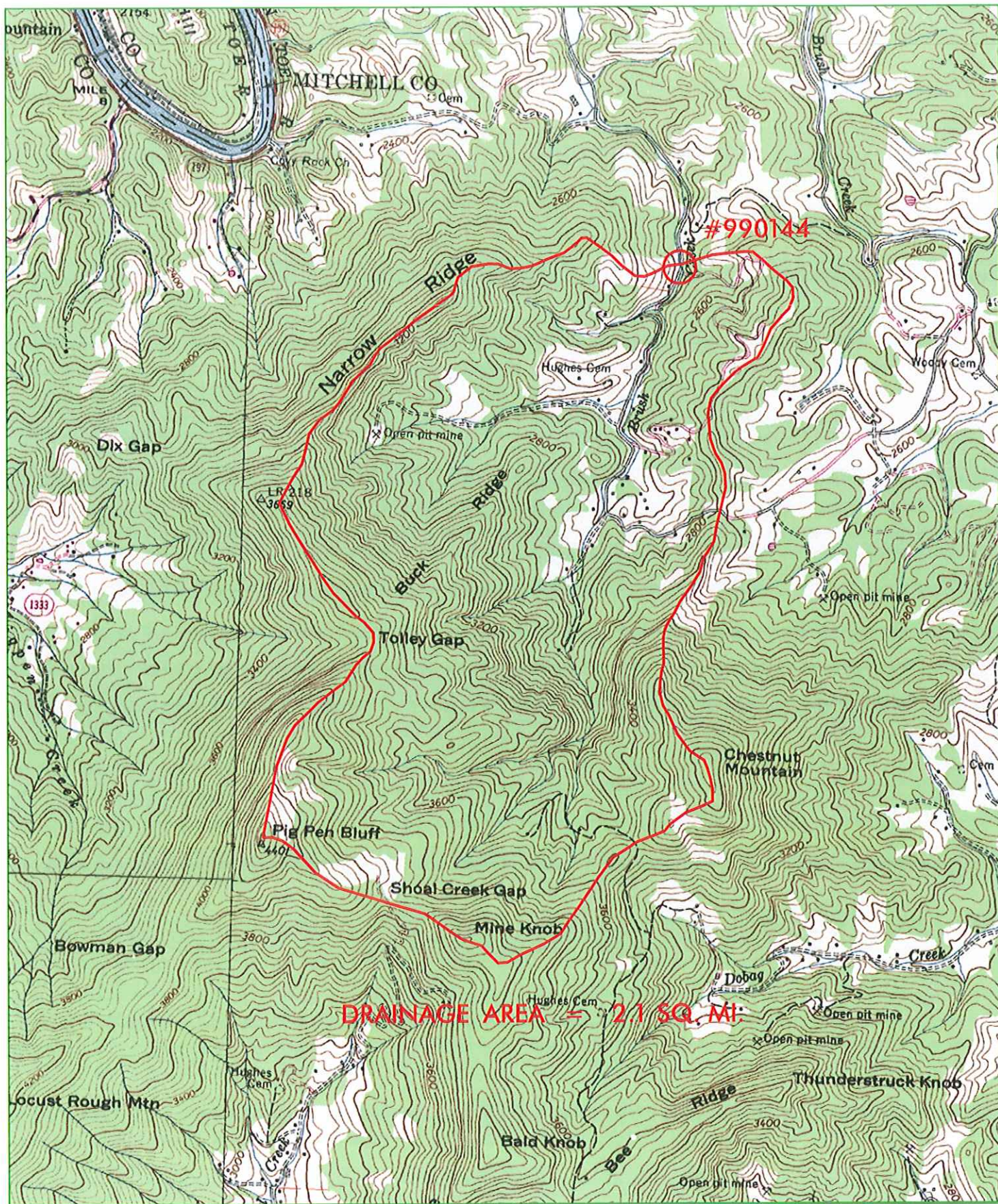
County YANCEY

Date: 06/20/2011

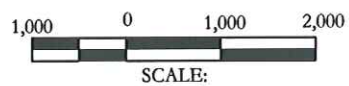
STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)





QUAD MAP - BRIDGE #990144



U15



NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION TEMPORARY REPAIRS

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY YANCEY BRIDGE NUMBER 990037 INSPECTION CYCLE 2 YRS
ROUTE SR1317 ACROSS CREEK M.P. 0

LOCATION .05 MI.N.JCT.SR1318

SUPERSTRUCTURE TIMBER FLOOR ON TIMBER JOISTS

SUBSTRUCTURE E.BTS.& CRUTCH BT:TIM. CAPS/TIM. POST&SILLS @ VAR. CENTERS

SPANS 1 @ 8'-9.8", 1 @ 7'-2.2"

LONGITUDE 82° 13' 56.1"

LATITUDE 35° 59' 29.6"

PRESENT CONDITION FAIR

INVENTORY RATING

INSPECTION DATE 06/21/2011

OPERATING RATING

PRESENT POSTING SV 99 TTST 99 SV- 11,TTST-19

PROPOSED POSTING

COMPUTER UPDATE

ANALYSIS DATE

POSTING LETTER DATE

SUFFICIENCY RATING

OTHER SIGNS PRESENT DELINEATORS



NORTH

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

U/S

BRIDGE MANAGEMENT UNIT
DATA ON EXISTING STRUCTURE

Run Date: 08/05/2011

COUNTY : YANCEY	DIV : 13	DIST : 2	STRUCTURE NUMBER : 990037	LENGTH : 16 FEET
ROUTE CARRIED : SR1317		FEATURE INTERSECTED : CREEK		
LOCATED : .05 MI.N.JCT.SR1318		BRIDGE NAME :		CITY :
FUNC. CLASS : 09	SYST.ON : NFA	SYST.UNDER : NFA	ADT & YR : 100 2009	RAIL TYPE : LT 227 RT 227
BUILT : 1959	BY : BMU	PROJ :	FED.AID PROJ :	DESIGN LOAD : Other or Unknown
REHAB :	BY :	PROJ :	ALIGNMENT : TAN	SKEW : 120
			LANES : ON 2 UNDER	
NAVIGATION : VC 0.0 FT		HT. CRN. TO BED : 7 FT		WATER DEPTH : 1 FT
SUPERSTRUCTURE : TIMBER FLOOR ON TIMBER JOISTS				
SUBSTRUCTURE : E.BTS.& CRUTCH BT:TIM. CAPS/TIM. POST&SILLS @ VAR. CENTERS				
SPANS : 1 @ 8'-9.8", 1 @ 7'-2.2"				
BEAMS OR GIRDERS : 10 LINES 6X12 TIMBER JOISTS @ 2'-5" CENTERS				
FLOOR : 4X8 TIM/5"AWS	ENCROACHMENT :		DECK (OUT TO OUT) : 20.2 FT	
CLEAR ROADWAY : 19.2 FT	BETWEEN RAILS : 19.8 FT		SIDEWALK OR CURB : LT 0.3 FT RT 0.3 FT	
VERT.CL.OVER : 99 FT 99 IN	VERT.CL.UNDER : 00 FT 00 IN		HOR.CL.UNDER : 0.0 FT	
INV.RTG. : HS-23	OPE.RTG. : HS-31	CONTR.MEMBER : Cap(2-Trucks)	POSTED : SV	TTST DATE 09/28/2009
SYSTEM : Secondary S.R. Route			GREEN LINE ROUTE : N	
2ND OPENING :		3RD OPENING :	4TH OPENING :	5TH OPENING :
REMARKS :				

U/S

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 990037 County: YANCEY Date: 06/21/2011 By: RWS

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				
0.3	2.6				
0.3	4				
1.3	4				
1.3	7				
2.8	7				
2.8	8.3				
5.3	8.8	Water Surface/Water Edge (WSWE)			
8.697	9.3	Bent			
13.2	8.8	Water Surface/Water Edge (WSWE)			
13.201	6.3				
14.5	6.3				
14.501	4				
15.5	4				
15.501	2.6				
16	2.6				

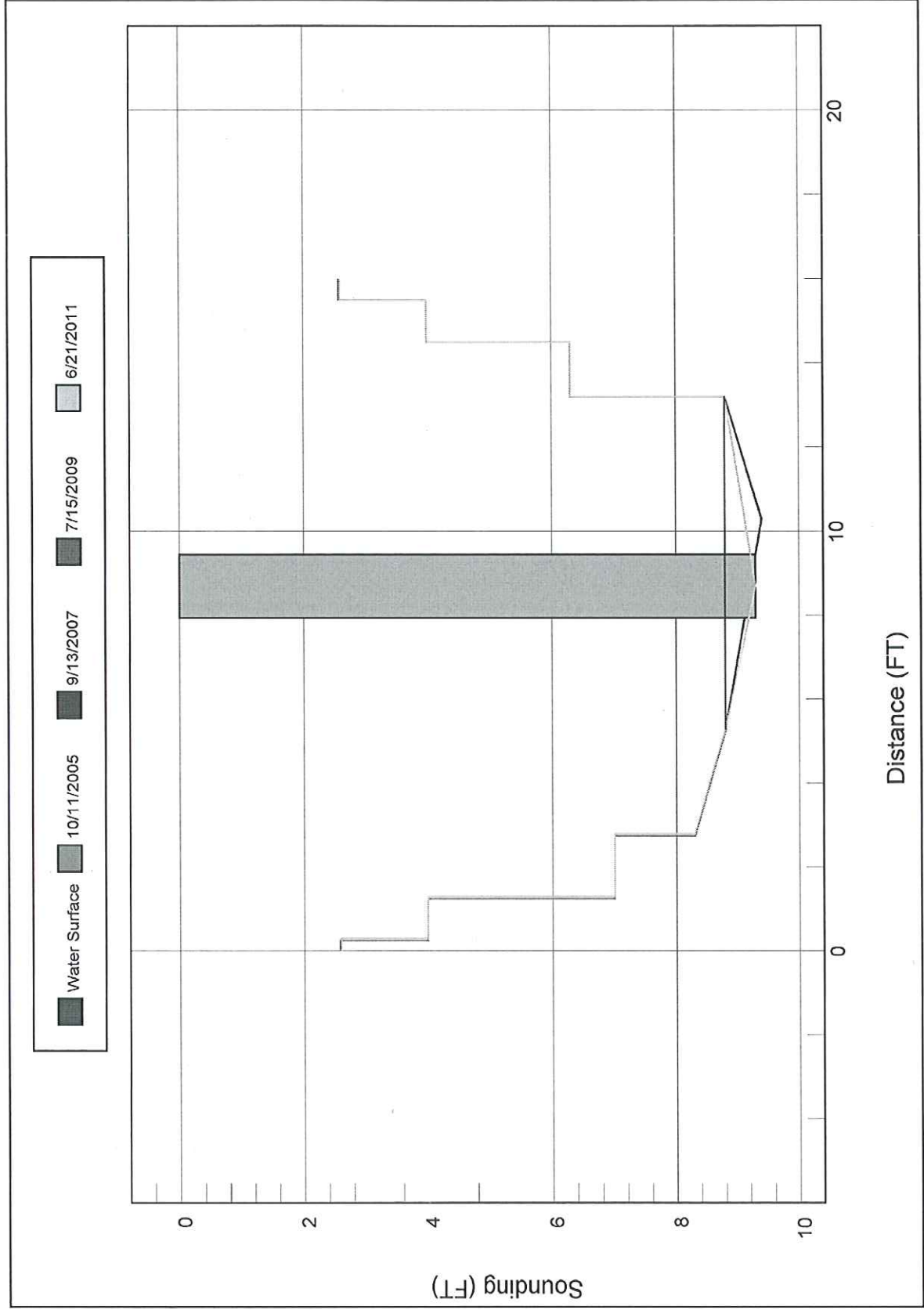
Bridge: 990037

County YANCEY

Date: 06/21/2011

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



U/S