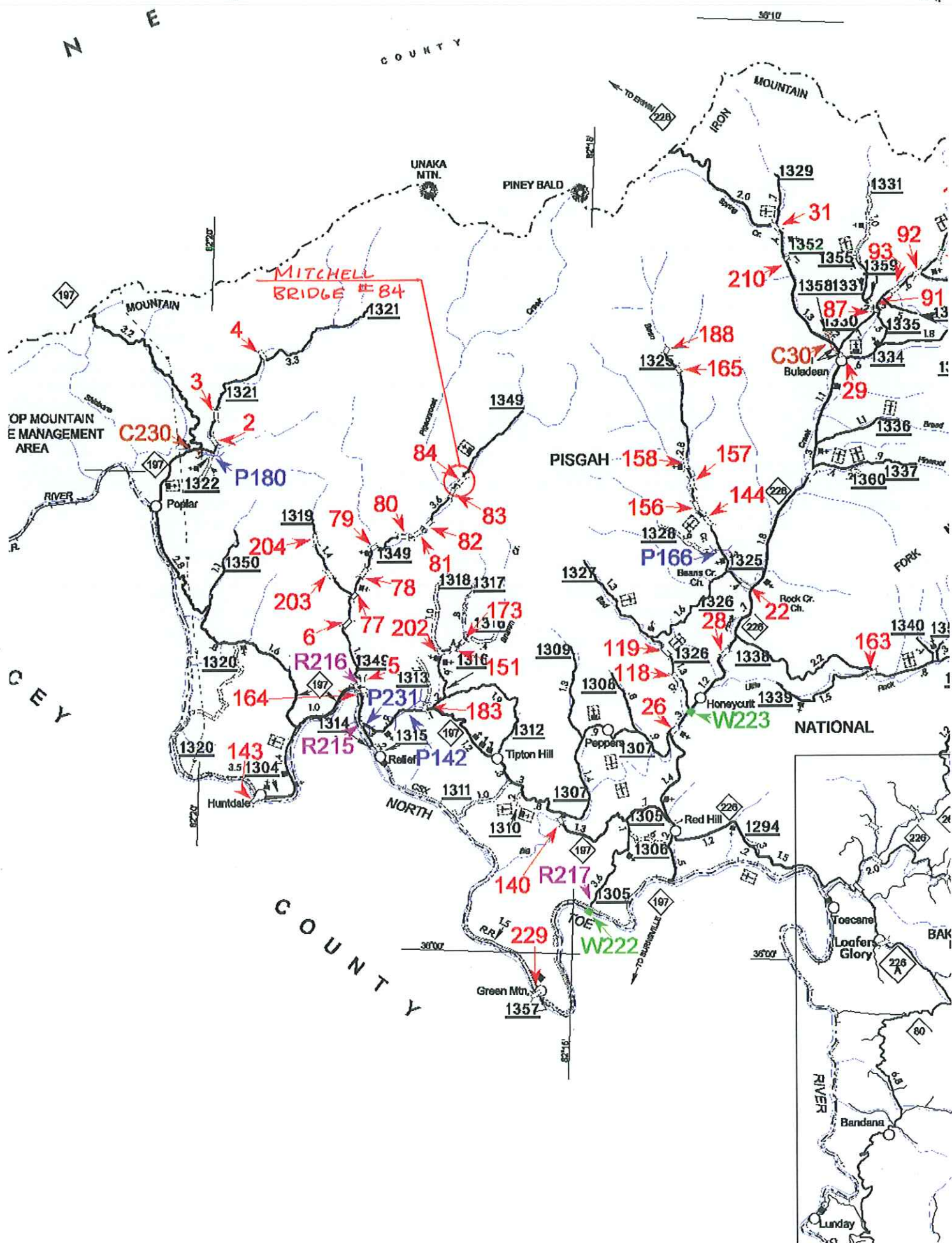


Assigned To Mulkey, Inc.

Location	2.25 Mi. N. Jct. SR 1319			
Average Daily Traffic	190 - Yr. 2007			
Length	19 Ft.	Bed- To Crown	8 Ft.	Water Depth 1 Ft.
Type Structure	Timber Floor On Timber Joists; Abutments: Rubble Masonry			
Type Spans	1@18'-6			
Upstream Structure	N/A			
Location				
Bed- To Crown		Prior Survey		
Downstream Structure	600083/1@47'6			
Location	2.0 Mi N. Jct. SR 1319			
Bed- To Crown	11 Ft.	Prior Survey		July 1991
SCS Watershed	N/A			

Trout Stream	Yes	Anadromous Fish	No	Primary Nursery Area	No
High Quality Waters	No		Nutrient Sensitive Waters		No
Near Water Supply Intake		No		CAMA County	No
Stream Classification	C;Tr				
DENR River Basin Info.	French Broad				
State Stormwater Permit Required	No				





NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY MITCHELL

BRIDGE NUMBER 600084

INSPECTION CYCLE 2 YRS

ROUTE SR1349

ACROSS PIGEON ROOST CREEK

M.P. 0

LOCATION 2.25 MI.N.JCT.SR1319

SUPERSTRUCTURE TIMBER FLOOR ON TIMBER JOISTS

SUBSTRUCTURE ABUTMENTS:RUBBLE MASONRY

SPANS 1 @ 18'-6

LONGITUDE 83° 16' 23.8"

LATITUDE 36° 5' 58.4"

PRESENT CONDITION FAIR

INVENTORY RATING

INSPECTION DATE 04/06/2010

OPERATING RATING

PRESENT POSTING SV 12 TTST 20

PROPOSED POSTING

COMPUTER UPDATE

ANALYSIS DATE

POSTING LETTER DATE

SUFFICIENCY RATING

OTHER SIGNS PRESENT Delineators, Narrow Bridge



NORTH

SIGN NOTICE
ISSUED FOR

NUMBERED
REQUIRED

No WEIGHT LIMIT

Yes DELINEATORS 1

No NARROW BRIDGE

No ONE LANE BRIDGE

No LOW CLEARANCE

BRIDGE MANAGEMENT UNIT
DATA ON EXISTING STRUCTURE

Run Date: 05/24/2010

COUNTY : MITCHELL	DIV : 13	DIST : 1	STRUCTURE NUMBER : 600084	LENGTH : 19 FEET
ROUTE CARRIED : SR1349		FEATURE INTERSECTED : PIGEON ROOST CREEK		
LOCATED : 2.25 MI.N.JCT.SR1319		BRIDGE NAME :		
FUNC. CLASS : 09	SYST.ON : NFA	SYST.UNDER : NFA	ADT & YR : 190 2007	RAIL TYPE : LT 227 RT 227
BUILT : 1963	BY : BMU	PROJ :	FED.AID PROJ :	DESIGN LOAD : Other or Unknown
REHAB :	BY :	PROJ :	ALIGNMENT : TAN 70	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 : ABUTMENTS:RUBBLE MASONRY				
SPANS : 1 @ 18'-6				
BEAMS OR GIRDERS : 10 LNS.6X12 TIM.JSTS.& 1 LN.DBL.6X12 TIM.JSTS.@ VAR.CTS.				
FLOOR : 4X8 TIM/2 AWS	ENCROACHMENT :		DECK (OUT TO OUT) : 19.0 FT	
CLEAR ROADWAY : 18.0 FT	BETWEEN RAILS : 18.7 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-1	OPE.RTG. : HS-1	CONTR.MEMBER : I.Joist#2	POSTED : SV 11 TTST 18 DATE 05/21/2010	
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: 600084 County: MITCHELL Date: 04/06/2010 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	2.833				
0.3	2.833				
0.3	4.25				
1.3	4.25				
1.3	10	Water Surface/Water Edge (WSWE)			
1.3	10.7				
7	10.5				
13	10	Water Surface/Water Edge (WSWE)			
17.2	8.8				
17.201	4.25				
18.2	4.25				
18.201	2.833				
18.5	2.833				

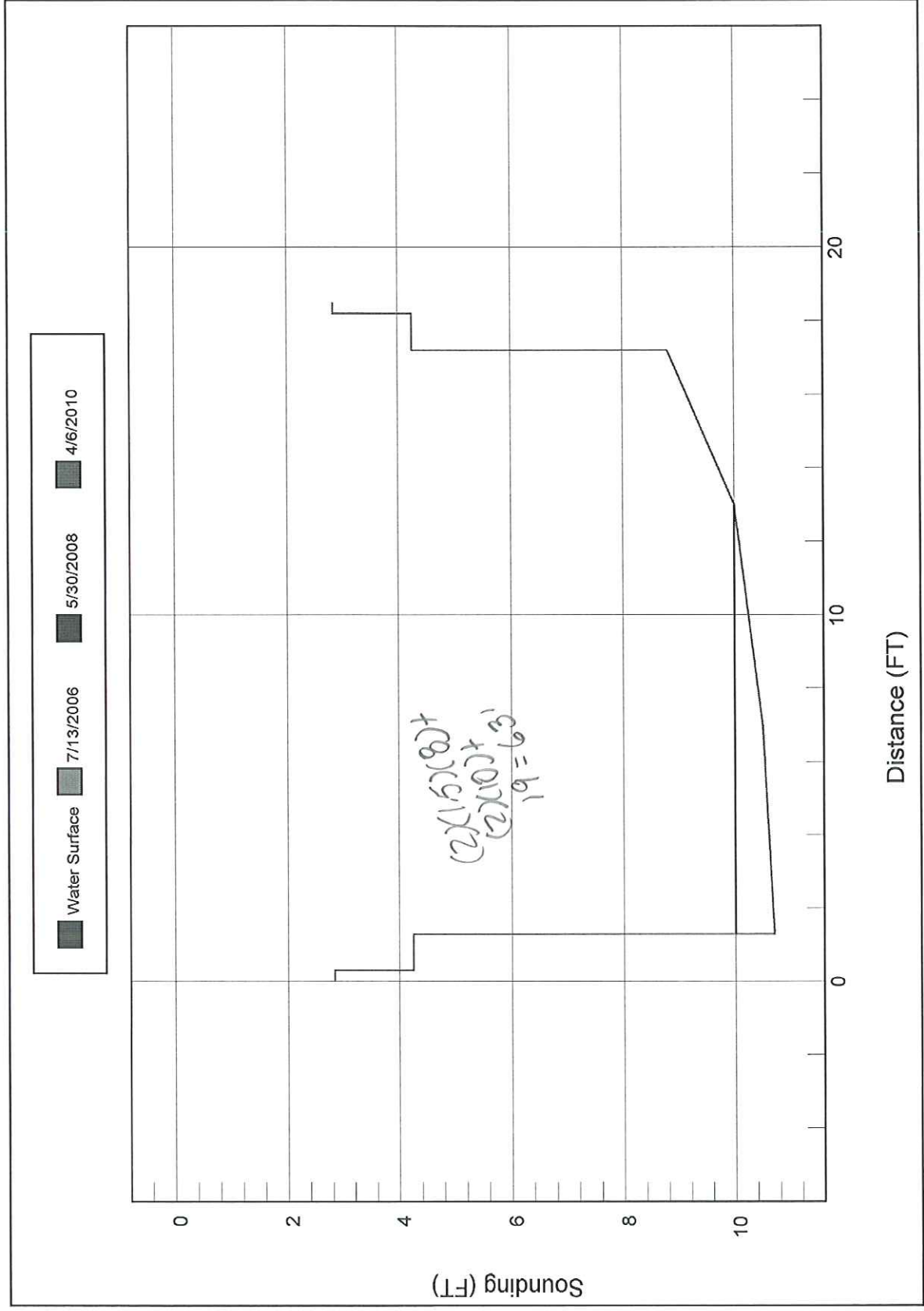
Bridge: 600084

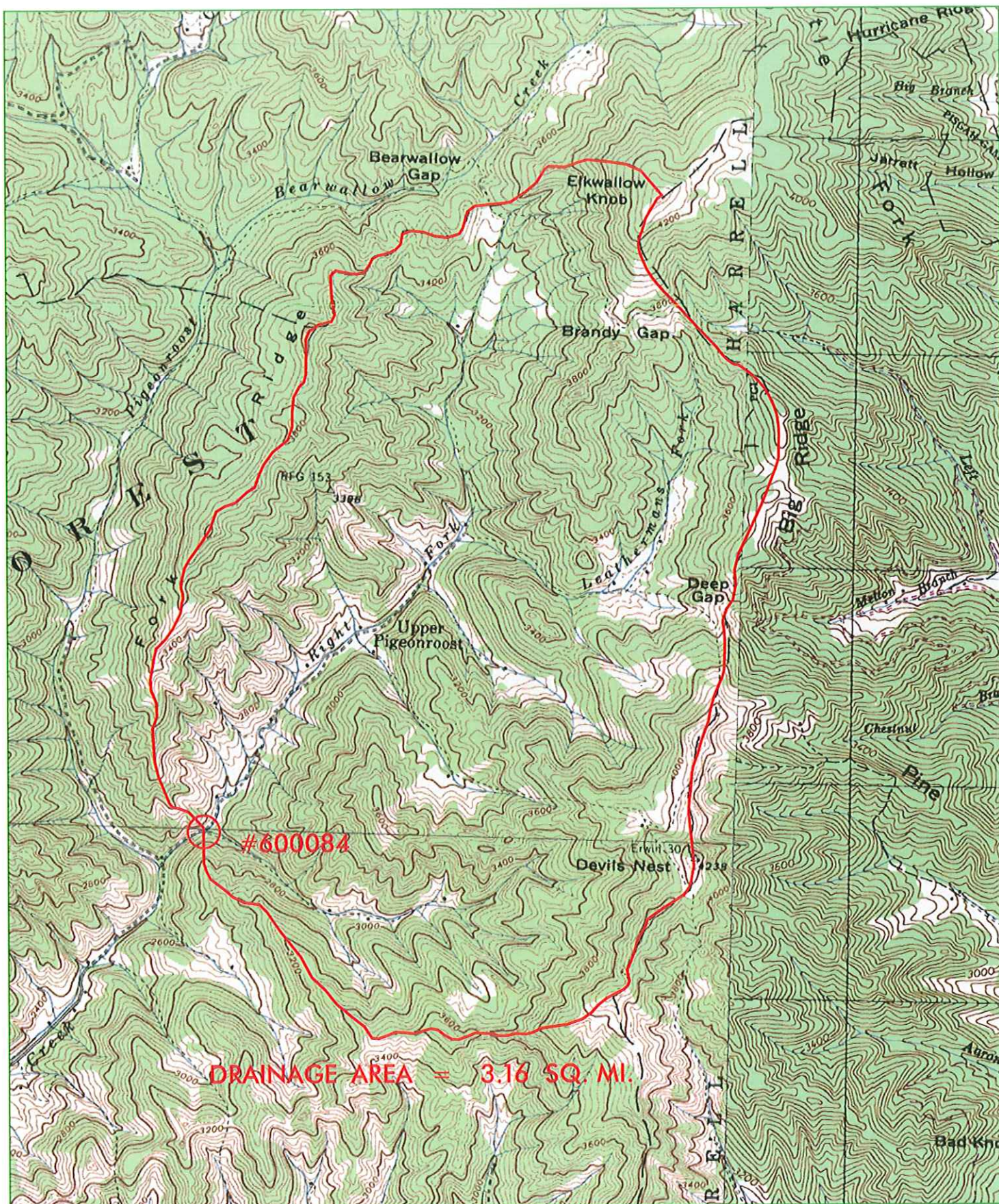
County MITCHELL

Date: 04/06/2010

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)





QUAD MAP - BRIDGE #600084

1,000 0 1,000 2,000
SCALE:





NC DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BRIDGE MANAGEMENT UNIT

ATTENTION

D/S

BRIDGE INSPECTION REPORT

INSPECTION TYPE: Routine Inspection

COUNTY MITCHELL BRIDGE NUMBER 600083 INSPECTION CYCLE 2 YRS
ROUTE SR1349 ACROSS PIGEON ROOST CREEK M.P. 0

LOCATION 2 MI.N.JCT.SR1319

SUPERSTRUCTURE PRESTRESSED CONCRETE CORED SLAB (BMD 29-24-120)

SUBSTRUCTURE E.BTS:PRESTRESSED CONC.CAPS/H-PILES W/CONC.ENCASEMENT

SPANS 1 @ 47'-6

LONGITUDE 82° 16' 47.3"

LATITUDE 36° 4' 50.8"

PRESENT CONDITION GOOD

INVENTORY RATING

INSPECTION DATE 04/06/2010

OPERATING RATING

PRESENT POSTING Not Posted

PROPOSED POSTING

COMPUTER UPDATE

ANALYSIS DATE

POSTING LETTER DATE

SUFFICIENCY RATING

OTHER SIGNS PRESENT Delineators



NORTH

SIGN NOTICE
ISSUED FOR

NUMBERED
REQUIRED

No WEIGHT LIMIT

No DELINEATORS

No NARROW BRIDGE

No ONE LANE BRIDGE

No LOW CLEARANCE

D/S

BRIDGE MANAGEMENT UNIT
DATA ON EXISTING STRUCTURE

Run Date: 05/24/2010

COUNTY :	DIV :	DIST :	STRUCTURE NUMBER :	LENGTH :
MITCHELL	13	1	600083	48 FEET
ROUTE CARRIED :		FEATURE INTERSECTED :		
SR1349		PIGEON ROOST CREEK		
LOCATED :		BRIDGE NAME :		
2 MI.N.JCT.SR1319				
FUNC. CLASS :	SYST.ON :	SYST.UNDER :	ADT & YR :	RAIL TYPE :
09	NFA	NFA	190 2007	LT 041 RT 041
BUILT :	BY :	PROJ :	FED.AID PROJ :	DESIGN LOAD :
1993	BMU	5.8851		HS 20+MOD
REHAB :	BY :	PROJ :	ALIGNMENT :	SKEW :
			TAN	120
			LANES :	ON 2 UNDER
NAVIGATION :		HT. CRN. TO BED :		WATER DEPTH :
VC	0.0 FT	HC	0.0 FT	11 FT
				1 FT
SUPERSTRUCTURE :		PRESTRESSED CONCRETE CORED SLAB (BMD 29-24-120)		
SUBSTRUCTURE :		E.BTS:PRESTRESSED CONC.CAPS/H-PILES W/CONC.ENCASEMENT		
SPANS :		1 @ 47'-6		
BEAMS OR GIRDERS :		9 PRESTRESSED CONCRETE CORED SLAB SECTIONS		
FLOOR :	ENCROACHMENT :	DECK (OUT TO OUT) :		
PPC.CS/1.5 AWS		27.0 FT		
CLEAR ROADWAY :	BETWEEN RAILS :	SIDEWALK OR CURB :		
24.0 FT	24.0 FT	LT 0.0 FT RT 0.0 FT		
VERT.CL.OVER :	VERT.CL.UNDER :	HOR.CL.UNDER :		
99 FT 99 IN	00 FT 00 IN	0.0 FT		
INV.RTG. :	OPE.RTG. :	CONTR.MEMBER :	POSTED :	
HS-34	HS-55	Cor.slabs	SV	TTST
		DATE 10/28/1993		
SYSTEM :		GREEN LINE ROUTE :		
Secondary S.R. Route		N		
2ND OPENING :		3RD OPENING :	4TH OPENING :	5TH OPENING :
REMARKS :				

D/S

Stream Bed Soundings

(See next sheet for profile sketch)

Bridge No: 600083 County: MITCHELL Date: 04/06/2010 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	2.583				
1	2.583				
1	4.417				
2.5	4.417				
2.5	9.5				
14	12.8	Water Surface/Water Edge (WSWE)			
22	13.8				
31	12.8	Water Surface/Water Edge (WSWE)			
45	8.3				
45.001	4.417				
46.5	4.417				
46.501	2.583				
47.5	2.583				

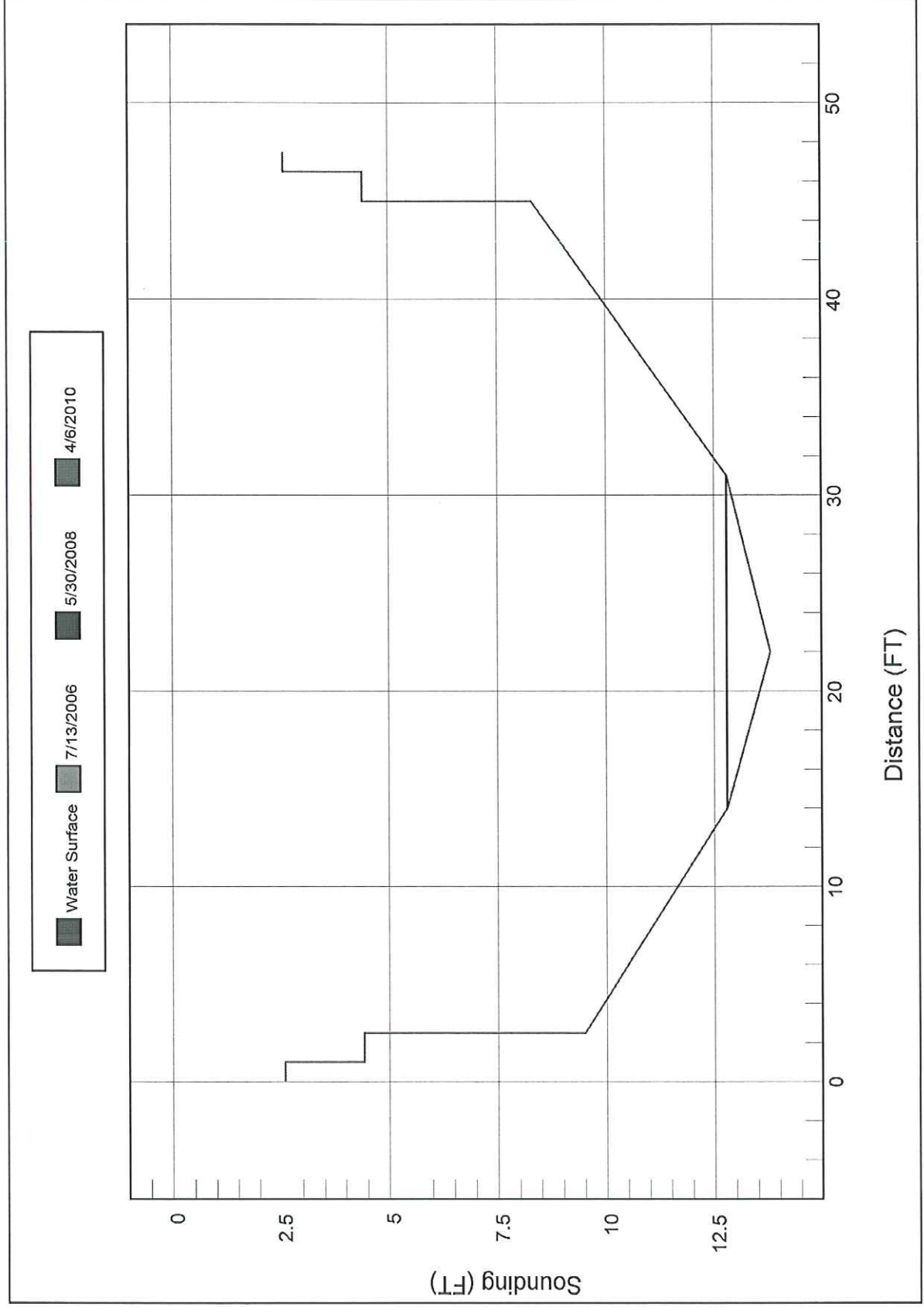
Bridge: 600083

County MITCHELL

Date: 04/06/2010

STREAMBED PROFILE (Downstream)

Top of Rail = 0 FT (Sounding)



THIS SITE IS NOT LOCATED IN A FLOOD ZONE

3.76 SQ. MI. (U.S.G.S SELECTED SITES)

100

100

4

SITE IS LOCATED IN TROUT WATERS
LIFE RESOURCES APPROVAL REQUIRED.

HIST. H.W. INFO:

MR. LARRY TAYLOR
ASSIST. DIST. ENGINEER.

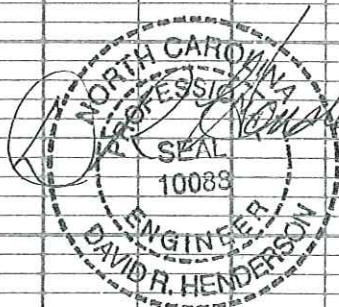
ING INFO:

101.8

10 YR. +

RGE = 1600

TEAMS



7-16-91

N.C. D.O.T.

DIVISION OF HIGHWAYS

MITCHELL CO.

BR. NO. 83 SR 1349

PIGEON ROOST CR.

SCALE: 1" = 50' HORIZ
1" = 10' VERT.

SURVEY BY: JEL, DWA, KAS

DRAWN BY: JEL

5-91