

GPS CONTROL POINTS

HVCTRL #1

MONTGOMERY TEMP 1
 NORTH = 878062.21
 EAST = 1616599.34
 ELEV. = 1225.29

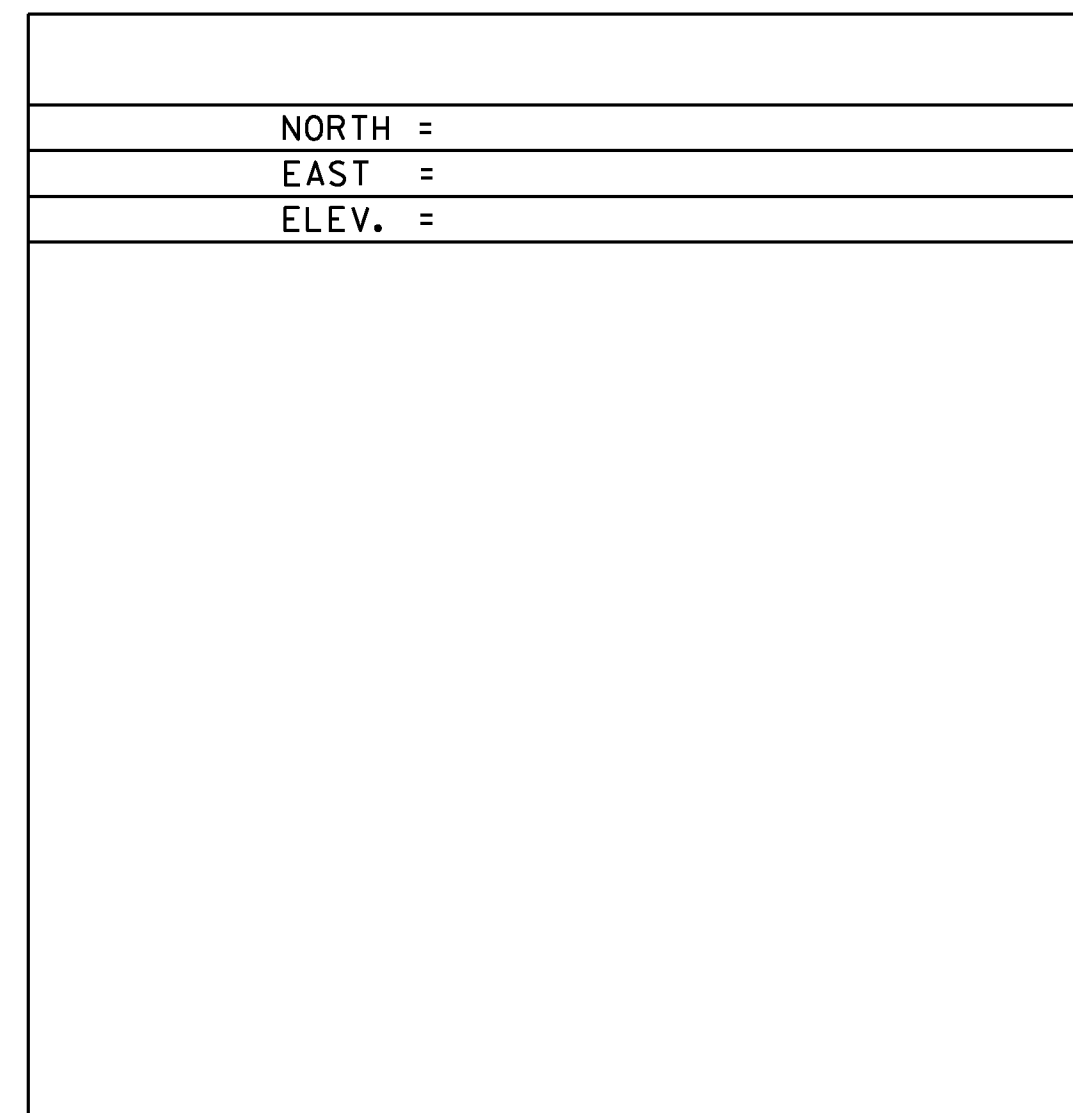
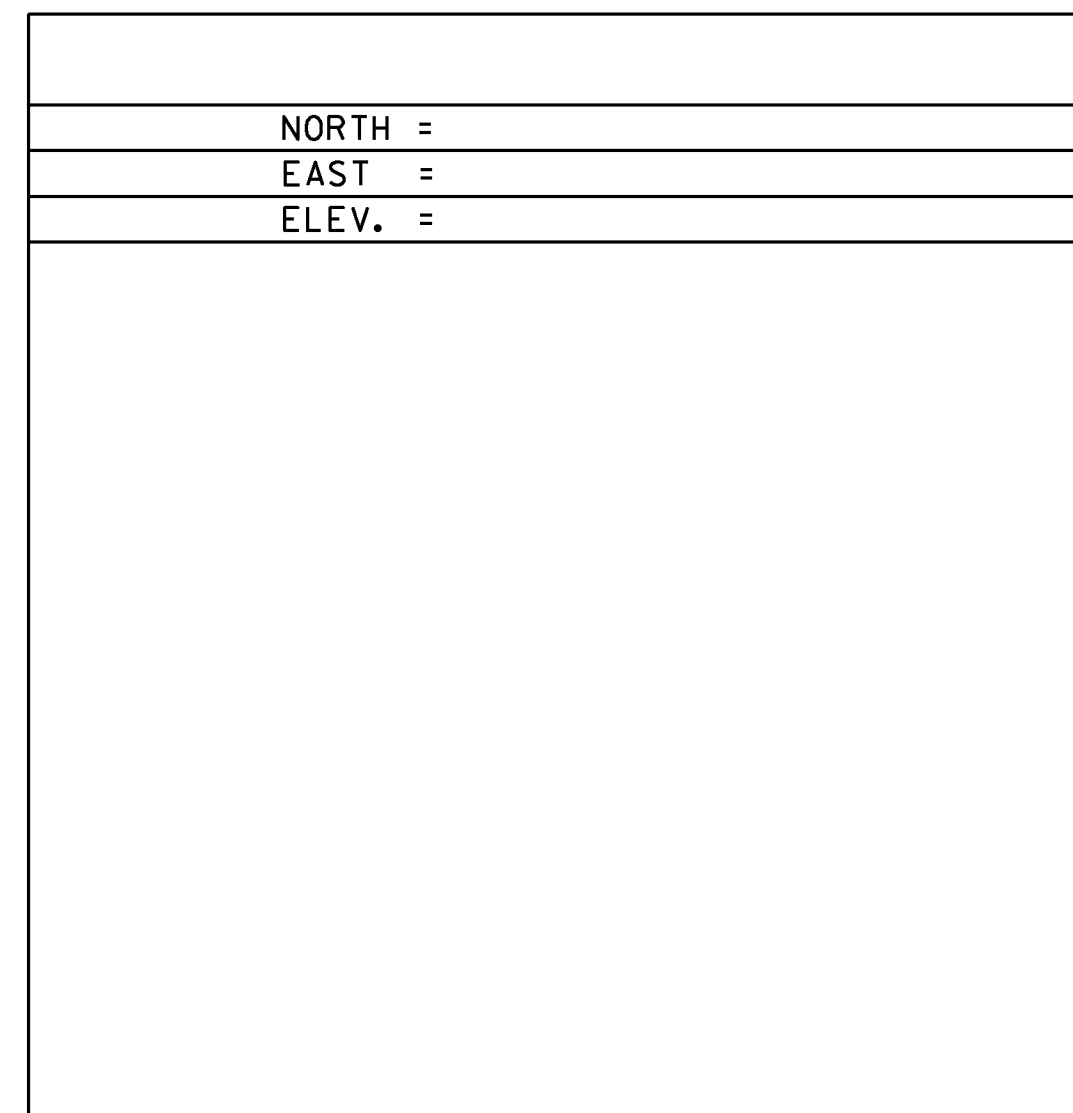
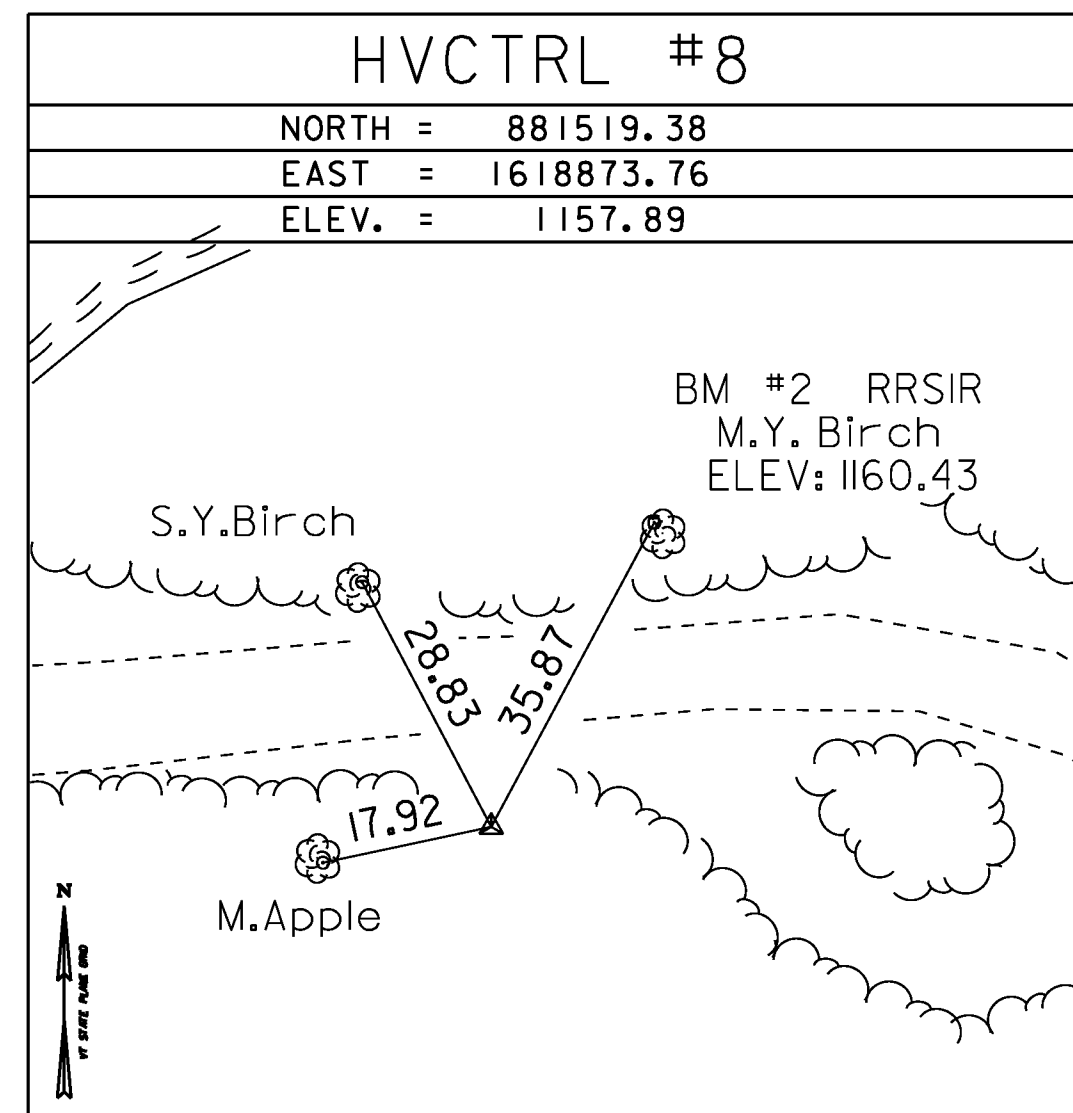
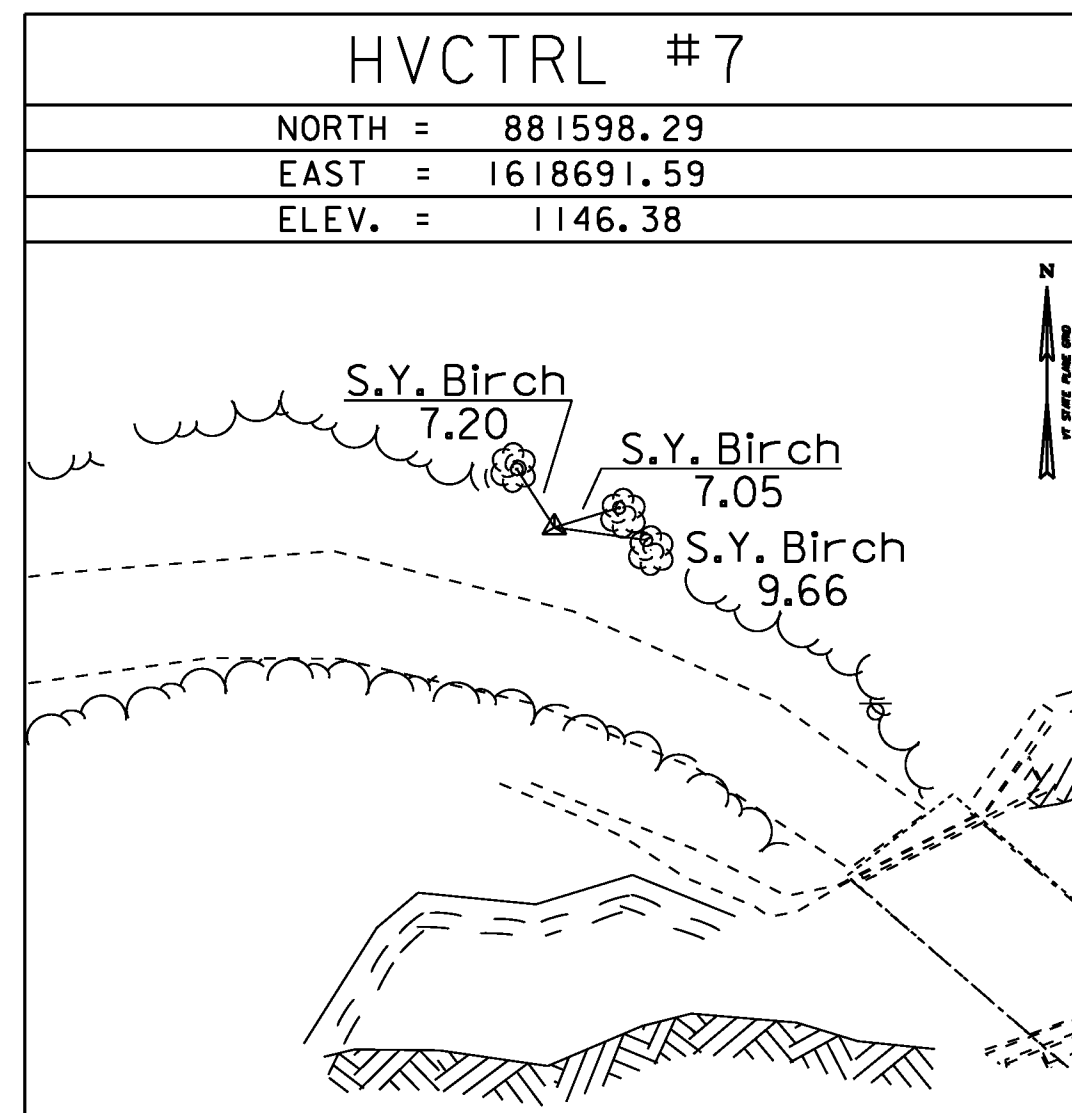
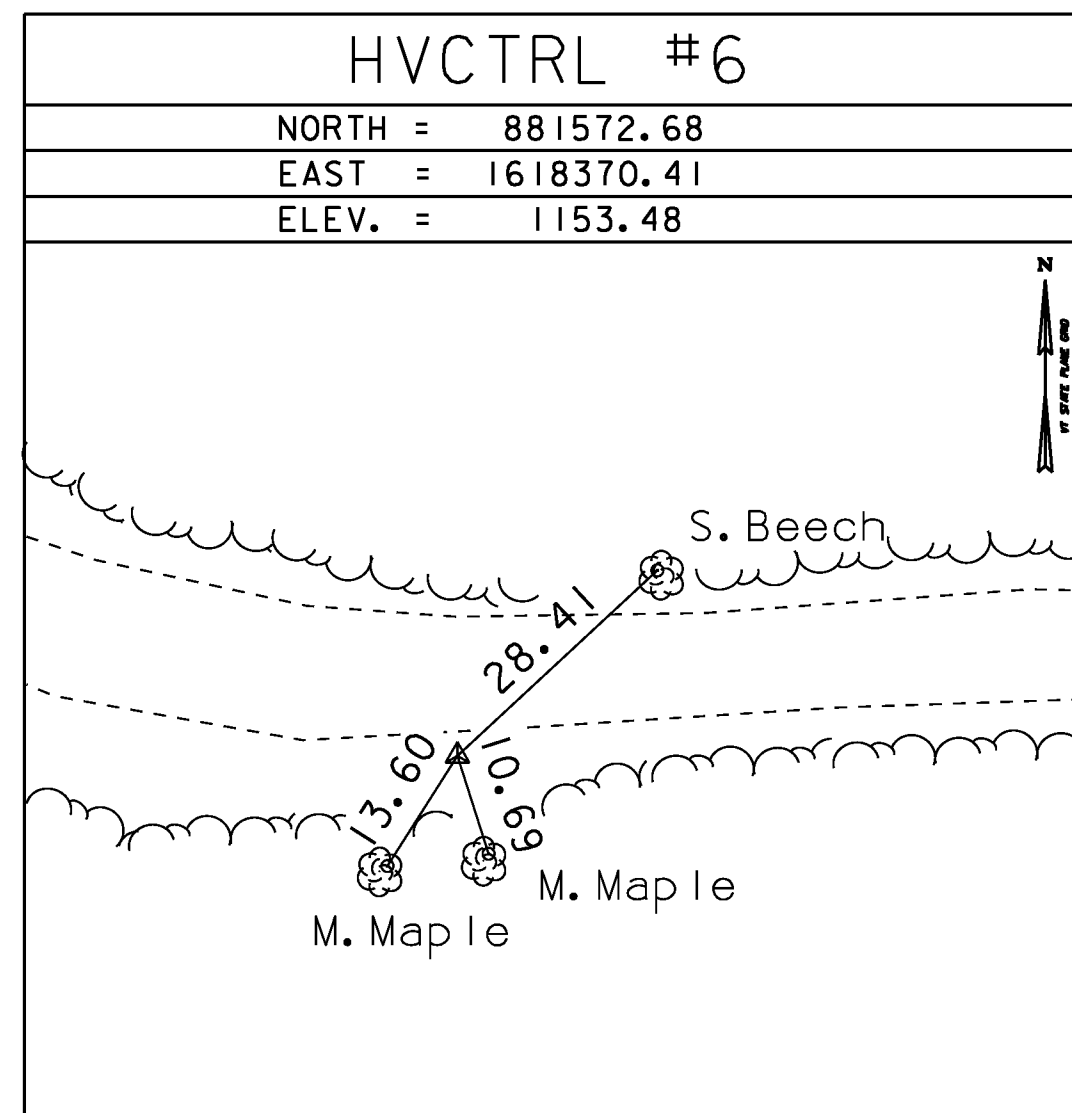
HVCTRL #2

MONTGOMERY TEMP 2
 NORTH = 882130.57
 EAST = 1617866.62
 ELEV. = 1187.89

GENERAL LOCATION, MONTGOMERY, VT. TO REACH FROM THE INTERSECTION OF VT ROUTES 118 AND 242 IN MONTGOMERY CENTER GO NORTHWEST ALONG VT ROUTE 118 FOR 2.4 MI (3.9 KM) TO THE INTERSECTION OF SOUTH RICHFORD ROAD RIGHT, AT A TRIANGULAR SHAPED PARK IN MONTGOMERY VILLAGE. BEAR RIGHT AND GO NORTH ALONG SOUTH RICHFORD ROAD FOR 0.1 MI (0.2 KM) TO THE INTERSECTION OF NORTH HILL AND BLACK FALLS ROAD RIGHT. TURN RIGHT AND GO EAST ALONG NORTH HILL AND BLACK FALLS ROAD FOR 0.5 MI (0.8 KM) TO THE Y-INTERSECTION OF BLACK FALLS ROAD LEFT AND NORTH HILL ROAD RIGHT. BEAR LEFT AND GO NORTHEAST ALONG BLACK FALLS ROAD FOR 2.7 MI (4.3 KM) TO THE INTERSECTION OF A GRAVEL ROAD LEFT. BEAR LEFT AND GO NORTHEAST ALONG THE GRAVEL ROAD FOR 0.05 MI (0.08 KM) TO THE SITE OF THE MARK ON THE RIGHT. THE MARK IS A CENTERPUNCHED REBAR SET FLUSH WITH GROUND SURFACE. IT IS 4.2 M (13.8 FT) SOUTHEAST OF AND ABOUT 0.2 M (0.7 FT) HIGHER THAN THE CENTERLINE OF THE GRAVEL ROAD, 6.7 M (22.0 FT) NORTHEAST OF THE CENTERLINE OF A FIELD DRIVE LEADING TO A SHED, 8.4 M (27.6 FT) SOUTHEAST OF A 30 CM YELLOW BIRCH, 13.1 M (43.0 FT) SOUTHWEST OF TWIN 20 CM MAPLES, AND 0.3 M (1.0 FT) NORTHWEST OF A WOODEN WITNESS POST.

GENERAL LOCATION, MONTGOMERY, VT. TO REACH FROM THE INTERSECTION OF VT ROUTES 118 AND 242 IN MONTGOMERY CENTER GO NORTHWEST ALONG VT ROUTE 118 FOR 2.4 MI (3.9 KM) TO THE INTERSECTION OF SOUTH RICHFORD ROAD RIGHT, AT A TRIANGULAR SHAPED PARK IN MONTGOMERY VILLAGE. BEAR RIGHT AND GO NORTH ALONG SOUTH RICHFORD ROAD FOR 0.1 MI (0.2 KM) TO THE INTERSECTION OF NORTH HILL AND BLACK FALLS ROAD RIGHT. TURN RIGHT AND GO EAST ALONG NORTH HILL AND BLACK FALLS ROAD FOR 0.5 MI (0.8 KM) TO THE Y-INTERSECTION OF BLACK FALLS ROAD LEFT AND NORTH HILL ROAD RIGHT. BEAR RIGHT AND GO EAST AND SOUTH ALONG NORTH HILL ROAD FOR 2.2 MI (3.5 KM) TO THE SITE OF THE MARK ON THE LEFT. IT IS ABOUT 40 M (131.2 FT) SOUTH OF A 90 CM DIAMETER METAL CULVERT WHICH PASSES UNDER THE ROAD. THE MARK IS A CENTERPUNCHED REBAR SET 3 CM BELOW GROUND SURFACE. IT IS 4.5 M (14.8 FT) EAST OF AND ABOUT 0.2 M (0.7 FT) LOWER THAN THE CENTERLINE OF NORTH HILL ROAD, 26.3 M (86.3 FT) SOUTH OF POLE NO.21D/28X, 39.7 M (130.2 FT) NORTHWEST OF POLE NO.21D/29, 11.4 M (37.4 FT) SOUTH OF THE CENTERLINE OF A FIELD DRIVE, AND 0.3 M (1.0 FT) NORTH OF A WOODEN WITNESS POST.

TRAVERSE TIES



• Main traverse Completed 10/20/98 by R.Gilman P.C. & T. Companion

ALIGNMENT TIES

CONTROL LINE DATA - TH10

POINT ID	BEARING	DISTANCE (FEET)	NORTHING (Y)	EASTING (X)	PC	PI	PT	DELTA	R	L	T
100	N 81°47'35.79" E	56.98'	881582.41	1618600.55		20+00.00					
	S 49°01'31.07" E	85.48'	881595.77	1618693.18	20+56.98		21+25.65	49°10'53.13"	80.00'	68.67'	36.61'
	N 84°48'21.45" E	106.51'	881525.75	1618773.8	21+74.51		22+14.80	46°10'07.48"	-50.00'	40.29'	21.31'
107			881535.39	1618879.88		23+00.00					

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (96)
ADJUSTMENT	Compass

PROJECT NAME:	MONTGOMERY
PROJECT NUMBER:	BHO 1448(27)
FILE NAME:	s96j306+tie.dgn
PROJECT LEADER:	C. CARLSON
DESIGNED BY:	H. SALLS
TIE SHEET	
PLOT DATE:	21-NOV-2013
DRAWN BY:	R. PELLETT
CHECKED BY:	J. LACROIX
SHEET	9 OF 30