

GPS CONTROL POINTS

HVCTRL #1

STOWE AZ MK
 NORTH = 706904.45
 EAST = 1585797.31
 ELEV. = 672.55

DESCRIBED BY VERMONT AGENCY OF TRANSPORTATION 1994 (CHR) TO REACH FROM THE INTERSECTION OF VT. ROUTES 100 AND 108 IN STOWE GO SOUTH ALONG ROUTE 100 FOR 2.2 MI (3.5 KM) TO THE MARK ON THE LEFT IN THE NORTH END OF A LEDGE CUT. THE MARK IS 7.7 M (25.3 FT) SOUTHEAST OF AND ABOUT 2 M (6.6 FT) HIGHER THAN THE CENTERLINE OF ROUTE 100, 27.9 M (91.5 FT) NORTHEAST OF POLE NO. 58, 0.5 M (1.6 FT) SOUTHEAST OF THE FACE OF THE LEDGE CUT, 1.7 M (5.6 FT) SOUTH OF THE NORTH END OF THE LEDGE, 2.1 M (6.9 FT) NORTHEAST OF A METAL WITNESS POST.

HVCTRL #2

STOWE RIVER
 NORTH = 708261.85
 EAST = 1585037.78
 ELEV. = 692.93

DESCRIBED BY VERMONT AGENCY OF TRANSPORTATION 1994 (CHR) TO REACH FROM THE INTERSECTION OF VT. ROUTES 100 AND 108 IN STOWE GO SOUTH ALONG ROUTE 100 FOR 2.5 MI TO THE INTERSECTION OF MOSCOW ROAD RIGHT. TURN RIGHT AND GO NORTHWEST FOR 0.5 MI TO THE INTERSECTION OF RIVER ROAD RIGHT. TURN RIGHT AND GO NORTHEAST ALONG RIVER ROAD FOR 0.2 MI TO THE SITE OF THE MARK ON THE RIGHT IN A SMALL FIELD. IT IS ABOUT .05 MI WEST SOUTHWEST OF A POWER SUB STATION. THE MARK IS SET 1" BELOW GROUND SURFACE IN THE TOP OF A 12" DIA. CONCRETE MONUMENT POURED 4.6" DEEP. IT IS 20' SOUTH SOUTHEAST OF AND ABOUT 4.9' LOWER THAN THE CENTERLINE OF RIVER ROAD, 67.6' EAST NORTHEAST OF POLE #151/315/43 (W/ METER BOX), 89.2' WEST SOUTHWEST OF POLE #42, 96.8' EAST OF THE EAST NORTHEAST END OF A WOODEN RAIL FENCE, AND 2' NORTH NORTHWEST OF A FIBERGLASS WITNESS POST.

TRAVERSE TIES

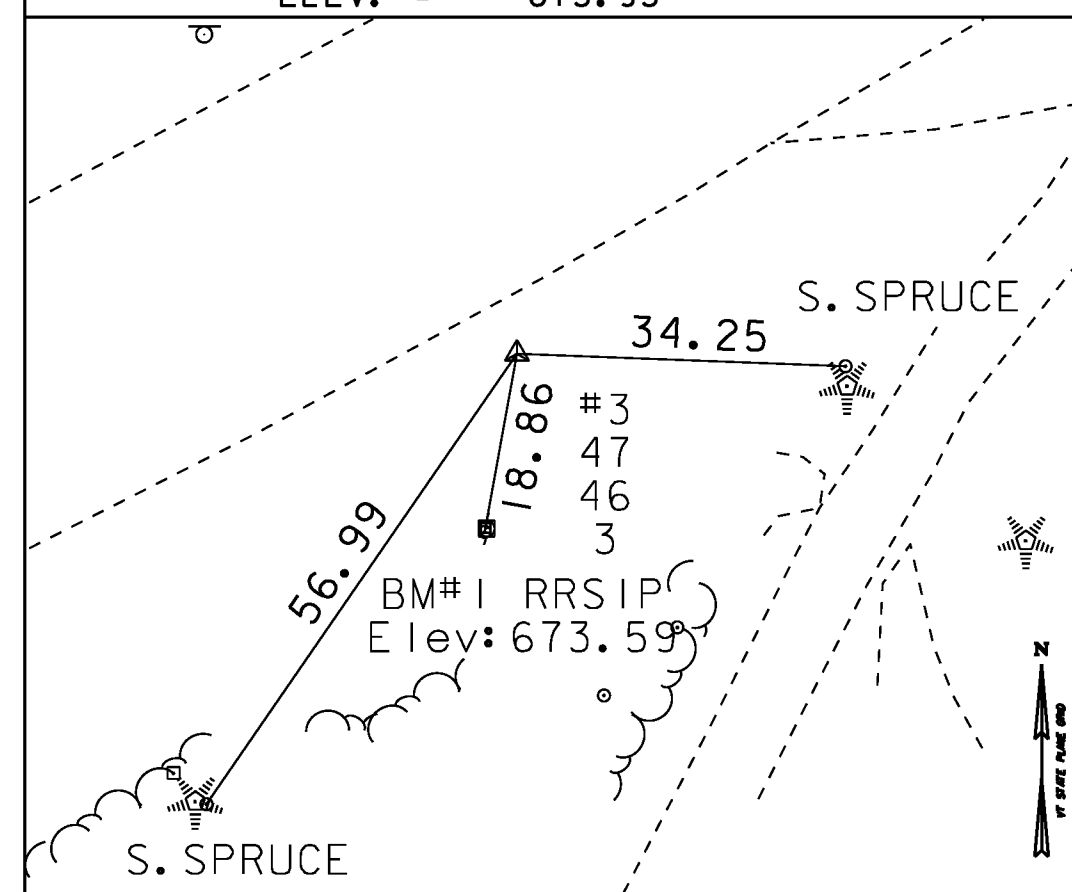
HVCTRL #3

NORTH = 707810.31
 EAST = 1586663.71
 ELEV. = 672.68

NOT TIED

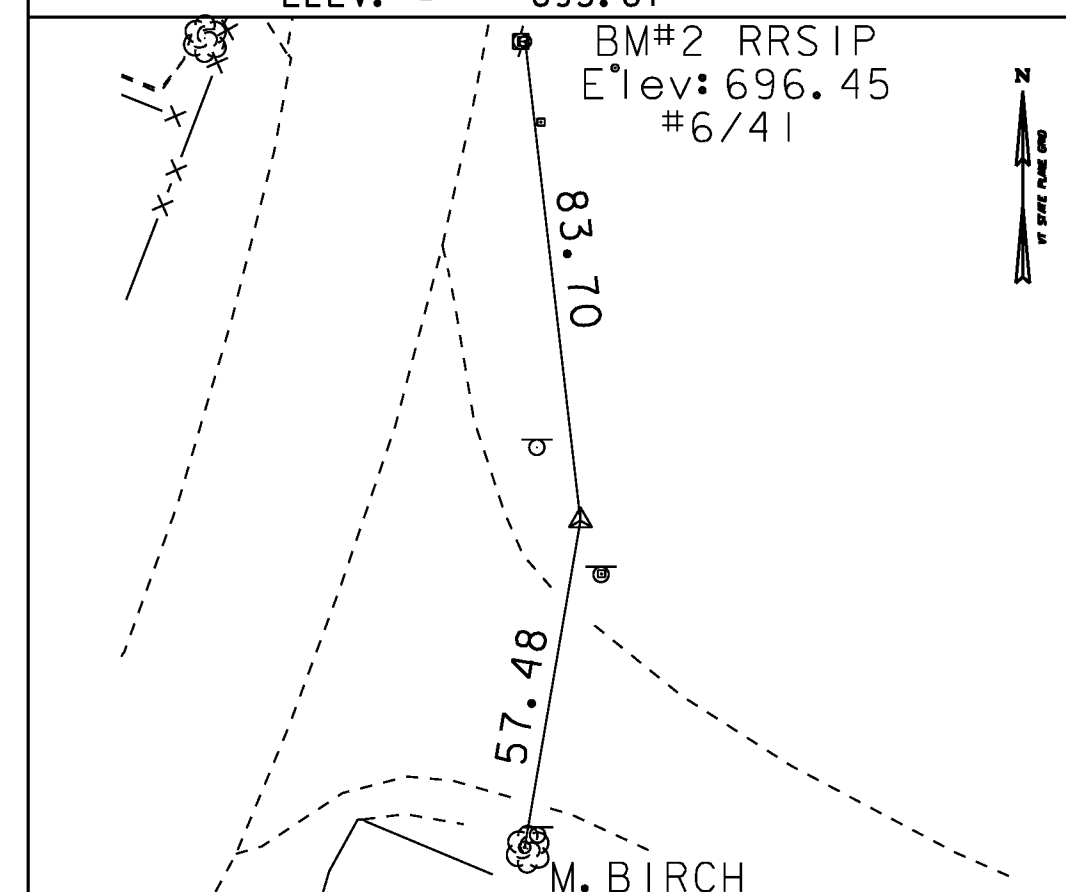
HVCTRL #4

NORTH = 708055.57
 EAST = 1587223.17
 ELEV. = 673.93



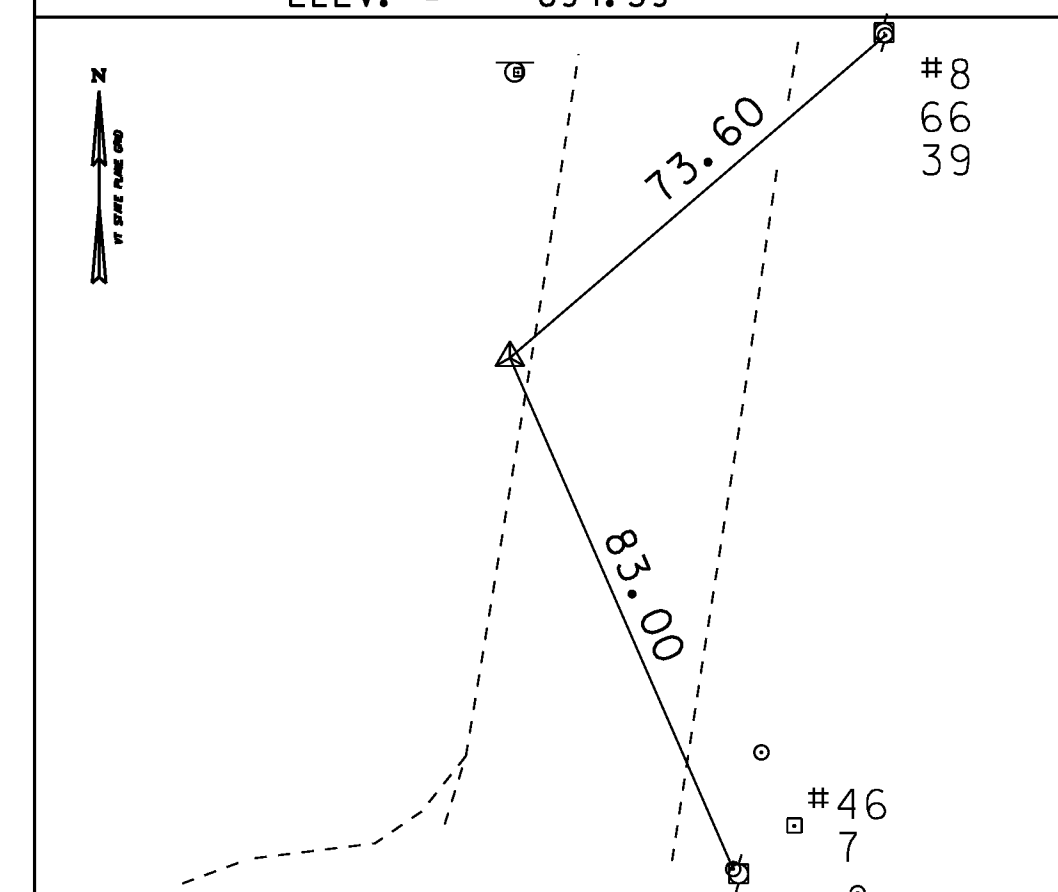
HVCTRL #5

NORTH = 708379.78
 EAST = 1587528.47
 ELEV. = 693.67



HVCTRL #6

NORTH = 708682.92
 EAST = 1587512.27
 ELEV. = 694.39



NORTH =
 EAST =
 ELEV. =

* Main Traverse Completed 07/27/07 by R.Gilman P.C & P.Winters... T.Parker

ALIGNMENT DATA

VT 100			
	STATION	NORTHING	EASTING
POB	10+00.00	707975.243	1586997.414
PC	11+89.05	708051.288	1587170.499
PI	14+92.51	708173.349	1587448.322
	Delta:	56°59'32.02" Left	
	Degree of Curvature (Arc):	10°15'00.00"	
	Length:	556.02	
	Tangent:	303.45	
	Chord:	533.38	
	Middle Ordinate:	67.72	
	External:	77.06	
PT	17+45.08	708472.823	1587497.306
POE	20+69.96	708793.447	1587549.750

TOWN HIGHWAY 52			
	STATION	NORTHING	EASTING
POB	0+00.00	708361.963	1587467.213
PC	0+62.86	708339.349	1587525.864
PI	0+90.00	708329.586	1587551.187
	Radius:	716.20	
	Delta:	4°20'25.42" Right	
	Degree of Curvature (Arc):	8°00'00.00"	
	Length:	54.25	
	Tangent:	27.14	
	Chord:	54.24	
	Middle Ordinate:	0.51	
	External:	0.51	
PT	1+17.11	708317.933	1587575.699
POE	1+50.00	708793.447	1587549.750

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

PROJECT NAME:	STOWE
PROJECT NUMBER:	BRF 029-1(17)
FILE NAME:	s85e037tie.dgn
PROJECT LEADER:	C. CARLSON
DESIGNED BY:	H. SALLS
TIE SHEET	
PLOT DATE:	17-JUN-2013
DRAWN BY:	R. BULLOCK
CHECKED BY:	G. ROY
SHEET	10 OF 70