

GPS CONTROL POINTS

HVCTRL # 1

STANDARD DISK STAMPED

* SHADY RILL AZ MK *

N = 203086.2340
E = 493570.3160
ELEV. = 236.450

SHADY RILL AZ MK
GENERAL LOCATION, MIDDLESEX, VT. TO REACH FROM THE INTERSECTION OF US ROUTE 2 (MEMORIAL DRIVE) AND VT ROUTE 12 IN MONTPELIER GO NORTHEAST ALONG VT ROUTE 12 (MAIN STREET) FOR 0.2 MI (0.3 KM) TO THE INTERSECTION OF STATE STREET LEFT AND EAST STATE STREET RIGHT. CONTINUE STRAIGHT AHEAD AND GO NORTHEAST ALONG VT ROUTE 12 (MAIN STREET) FOR 0.25 MI (0.40 KM) TO A ROUNDABOUT. PASS AROUND THE ROUNDABOUT AND GO NORTHWEST ALONG VT ROUTE 12 (NOW SPRING STREET) FOR 0.1 MI (0.2 KM) TO THE INTERSECTION OF ELM STREET. TURN RIGHT AND GO NORTH ALONG VT ROUTE 12 (ELM STREET) FOR 4.7 MI (7.6 KM) TO THE SITE OF THE MARK ON THE LEFT IN A POWERLINE. IT IS 0.25 MI (0.40 KM) SOUTH ALONG VT ROUTE 12 FROM ITS INTERSECTION WITH SHADY RILL ROAD. THE MARK IS SET FLUSH WITH GROUND SURFACE IN THE TOP OF A 1.2 M (3.9 FT) X 0.5 M (1.6 FT) ROCK OUTCROP. IT IS 23.4 M (76.8 FT) WEST OF AND ABOUT 3.5 M (11.5 FT) HIGHER THAN THE CENTERLINE OF VT ROUTE 12. 22.0 M (72.2 FT) SOUTH WEST OF POLE NO 6K/2H/56, 23.2 M (76.1 FT) NORTH OF POLE NO 55/20, AND 0.9 M (3.0 FT) EAST OF A FIBERGLASS WITNESS POST.

* DESCRIPTION PROVIDED BY VERMONT AGENCY OF TRANSPORTATION GEODETIC SURVEY UNIT

HVCTRL # 2

STANDARD DISK STAMPED

* SHADY RILL *

N = 203412.0870
E = 493747.7910
ELEV. = 213.340

SHADY RILL
GENERAL LOCATION, MIDDLESEX, VT. TO REACH FROM THE INTERSECTION OF US ROUTE 2 (MEMORIAL DRIVE) AND VT ROUTE 12 IN MONTPELIER GO NORTHEAST ALONG VT ROUTE 12 (MAIN STREET) FOR 0.2 MI (0.3 KM) TO THE INTERSECTION OF STATE STREET LEFT AND EAST STATE STREET RIGHT. CONTINUE STRAIGHT AHEAD AND GO NORTHEAST ALONG VT ROUTE 12 (MAIN STREET) FOR 0.25 MI (0.40 KM) TO A ROUNDABOUT. PASS AROUND THE ROUNDABOUT AND GO NORTHWEST ALONG VT ROUTE 12 (NOW SPRING STREET) FOR 0.1 MI (0.2 KM) TO THE INTERSECTION OF ELM STREET. TURN RIGHT AND GO NORTH ALONG VT ROUTE 12 (ELM STREET) FOR 4.9 MI (7.9 KM) TO THE INTERSECTION OF SHADY RILL ROAD LEFT AND THE SITE OF THE MARK ON THE LEFT IN THE NORTH END OF A GRASS TRIANGLE FORMED BY THE INTERSECTION. THE MARK IS SET FLUSH WITH GROUND SURFACE IN THE TOP OF A 30 CM DIAMETER CONCRETE MONUMENT ANCHORED TO ROCK 40 CM DEEP. IT IS 9.9 M (32.5 FT) NORTHWEST OF AND ABOUT LEVEL WITH THE CENTERLINE OF VT ROUTE 12. 8.2 M (26.9 FT) SOUTH OF THE CENTERLINE OF THE NORTH LEG OF SHADY RILL ROAD, 32.3 M (106.0 FT) WEST OF POLE NO 6/6, AND 0.3 M (1.0 FT) SOUTHWEST OF A FIBERGLASS WITNESS POST.

TRAVERSE TIES

HVCTRL # 3	HVCTRL # 4	HVCTRL # 5		
N = 203476.4235 E = 493805.4558 ELEV. = 208.974	N = 203789.6964 E = 494000.0919 ELEV. = 210.013	N = 203881.9387 E = 494125.9421 ELEV. = 211.839	N = E = ELEV. =	N = E = ELEV. =

* MAIN TRAVERSE COMPLETED 3-06-00 BY R.G. AND R.B.

ALIGNMENT TIES

POB 2000+000.000	PC 2000+172.882	POE=PT 2000+220.000		
N = 203550.168 E = 493845.490	N = 203697.142 E = 493936.521	N = 203736.185 E = 493962.878	N = E =	N = E =

* ALIGNMENT STAKED 08/20/02 by R. Gilman P.C.P. Wint

DATUM		* POB - POINT OF BEGINNING
VERTICAL	NAVD 88	* POE - POINT OF END
HORIZONTAL	NAD 83 / 96	
ADJUSTED	YES	
TYPE	COMPASS	

SURVEY TIE SHEET

PROJECT NAME: MIDDLESEX	PLOT DATE: 06-SEP-2005
PROJECT NUMBER: BRF 0241(32)	DRAWN BY: G.H.
FILE NAME: 90a003/str/sa003tie.dgn	CHECKED BY: SCRIBNER
PROJECT LEADER: Evans-Mongeon	ROW SHEET 4 OF 17
DESIGNED BY: SCRIBNER	
iparm sa003tie.l	