

# GPS CONTROL POINT INFORMATION

**#1: BARKYUMB AZ MK - SSN 0085 - METAL PIPE IN CONCRETE**

NORTHING - 231789.6440  
 EASTING - 457093.0670  
 ELEVATION - 185.830 m

**LOCATION** - WESTFORD, VT., APPROXIMATELY 20.1 km (12.5 MILES) NORTHEAST OF BURLINGTON, APPROXIMATELY 22.5 km (14.0 MILES) SOUTH OF ST. ALBANS AND ABOUT 41.0 km (25.5 MILES) WEST OF MORRISVILLE.

TO REACH FROM THE MOST WESTERLY INTERSECTION OF VT. ROUTES 104 AND 128 IN FAIRFAX, GO SOUTH ALONG VT. ROUTE 128 FOR 5.1 km (3.2 MILES) TO THE INTERSECTION OF BROOKSIDE ROAD RIGHT, AT THE NORTHWEST CORNER OF THE COMMON IN WESTFORD VILLAGE, OPPOSITE THE WESTFORD LIBRARY AND TOWN OFFICES. TURN RIGHT AND GO SOUTHWEST ALONG BROOKSIDE ROAD FOR 1.1 km (0.7 MILES) TO THE WESTFORD SCHOOL ON THE LEFT. CONTINUE STRAIGHT AHEAD ALONG BROOKSIDE ROAD FOR 2.3 km (1.4 MILES) TO THE INTERSECTION OF PETTINGILL ROAD STRAIGHT AHEAD AND BROOKSIDE ROAD RIGHT. CONTINUE STRAIGHT AHEAD ON PETTINGILL ROAD FOR 0.5 km (0.3 MILES) TO THE INTERSECTION OF PHELPS ROAD RIGHT. TURN RIGHT AND GO WEST ALONG PHELPS ROAD FOR 0.08 km (0.05 MILES) TO THE MARK ON THE LEFT IN THE TOP OF THE ROUNDED 10 m (32.8 FEET) X 2 m (6.6 FEET) LEDGE OUTCROP WHICH PROJECTS APPROXIMATELY 1m (3.3 FEET) ABOVE GROUND SURFACE.

THE MARK IS 7.9 m (25.9 FEET) SOUTH OF AND APPROXIMATELY 1m (3.3 FEET) HIGHER THAN THE CENTERLINE OF PHELPS ROAD, 9.3 m (30.5 FEET) EAST OF POLE NO. 16/29, 10.2 m (33.5 FEET) NORTH OF A TWIN 15 cm CHERRY, 4.7 m (15.4 FEET) SOUTH OF THE NORTH END OF THE LEDGE OUTCROP AND 1.1m (3.6 FEET) EAST OF A FIBERGLASS WITNESS POST.

**#2: BARKYUMB - SSN 0085 - METAL PIPE IN CONCRETE**

NORTHING - 232735.3160  
 EASTING - 457085.4250  
 ELEVATION - 171.770 m

**LOCATION** - WESTFORD, VT., APPROXIMATELY 19.3 km (12 MILES) NORTHEAST OF BURLINGTON, APPROXIMATELY 23.3 km (14.5 MILES) SOUTH OF ST. ALBANS AND APPROXIMATELY 41.0 km (25.5 MILES) WEST OF MORRISVILLE.

TO REACH FROM THE MOST WESTERLY INTERSECTION OF VT. ROUTES 104 AND 128 IN FAIRFAX, GO SOUTH ALONG VT. ROUTE 128 FOR 5.1 km (3.2 MILES) TO THE INTERSECTION OF BROOKSIDE ROAD RIGHT, AT THE NORTHWEST CORNER OF THE COMMON IN WESTFORD VILLAGE, OPPOSITE THE WESTFORD LIBRARY AND TOWN OFFICES. TURN RIGHT AND GO SOUTHWEST ALONG BROOKSIDE ROAD FOR 1.1 km (0.7 MILES) TO THE WESTFORD SCHOOL ON THE LEFT. CONTINUE STRAIGHT AHEAD ALONG BROOKSIDE ROAD FOR 2.3 km (1.4 MILES) TO THE INTERSECTION OF PETTINGILL ROAD STRAIGHT AHEAD AND BROOKSIDE ROAD RIGHT. TURN RIGHT AND GO NORTHWEST ALONG BROOKSIDE ROAD FOR 0.6 km (0.4 MILES) TO THE TWO STORY HOUSE OF JOHN BARKYUMB ON THE RIGHT AND THE MARK ON THE RIGHT IN THE LAWN SOUTH OF THE HOUSE. IT IS APPROXIMATELY 0.2 km (0.1 MILE) EAST OF THE INTERSECTION OF BROOKSIDE ROAD AND WOODS HOLLOW ROAD.

THE MARK IS 20.0 m (65.6 FEET) NORTH OF AND ABOUT LEVEL WITH THE CENTERLINE OF BROOKSIDE ROAD, 5.4 m (17.7 FEET) SOUTH OF THE SOUTHWEST CORNER OF BARKYUMB'S HOUSE, 11.1 m (36.4 FEET) SOUTHWEST OF THE SOUTHEAST CORNER OF THE HOUSE, 14.4 m (47.2 FEET) WEST OF THE CENTERLINE OF THE GRAVEL DRIVE TO THE HOUSE AND 27.6 m (90.6 FEET) NORTHEAST OF A FIBERGLASS WITNESS POST. IT IS IN THE TOP OF A CAST ALUMINUM MONUMENT.

MAINLINE POT	MAINLINE PC	MAINLINE PT	MAINLINE POT=SIDELINE POB	MAINLINE PC	MAINLINE PT
STA. 1+000.000	STA. 1+046.142	STA. 1+053.862	STA. 1+057.000 = STA. 9+000.000	STA. 1+095.099	STA. 1+114.898
N = 232695.0390	N = 232734.4430	N = 232741.360	N = 232743.8950	N = 232777.4080	N = 232794.1520
E = 456979.7560	E = 457003.7650	E = 457007.6110	E = 457009.0990	E = 457027.2270	E = 457037.7660
MAINLINE PC	MAINLINE PT	MAINLINE POT	SIDELINE PC	SIDELINE PT	SIDELINE POT
STA. 1+145.254	STA. 1+154.731	STA. 1+210.000	STA. 9+005.488	STA. 9+034.496	STA. 9+046.305
N = 232818.7210	N = 232826.5610	N = 232873.2540	N = 232741.2030	N = 232729.4950	N = 232725.7870
E = 457055.5950	E = 457060.9150	E = 457090.4880	E = 457013.8810	E = 457040.3730	E = 457051.5840

NOTE: TIE DISTANCES ARE IN METERS.

**DATUM**  
 VERTICAL NAVD 88  
 HORIZONTAL NAD 83/92 GPS

<b>SHEET NAME: TIE SHEET</b>		
PROJECT NAME: <b>WESTFORD</b>	HIGHWAY NO.: TH 4	
PROJECT NUMBER: <b>TH2 9436</b>	BRIDGE NO.: 2	
	OVER: ROGERS BROOK	
FILE NAME: /PW/94j122/sj122+tie.dgn	PLOT DATE: 25-MAR-2005	
PROJECT MANAGER: R. R. WHITCOMB	DRAWN BY: STRI	
DESIGNED BY: C. CARLSON	IPARM NAME: sj122+tie.i	
BRIDGE SHEET NUMBER:	SHEET 7 OF 56	