## GPS CONTROL POINTS

### HVCTRL #1

STANDARD DISK STAMPED

Thetford Az Mk

N = 487988.90
E = 1707352.54
ELEV. = 600.98

To reach from the VT Route 113 bridge over I-91 at exit 14 go northwest along route 113 for 2.3 MI to the intersection of Tucker Hill Road left in Thetford Center. Continue straight ahead and go north along route 113 for 0.4 MI to the intersection of a gravel drive right leading to the Hale Funeral Home of Thetford. Turn right and go southeast up the drive for about 50 m to the funeral home and the site of the mark in a lawn southeast of the funeral home. The mark is set 5 cm below ground surface in the top of a 30 cm diameter concrete monument poured 1.5 m deep. It is 58.6 m east of and about 10.0 m higher than the centerline of route 113, 40.6 m southeast of the southeast corner of the funeral home, 45.2 m east of pole no. 106/10, and 18.1 m west northwest of a 15 cm apple.

### HVCTRL #2

STANDARD DISK STAMPED

Thetford

N = 485974.59
E = 1706229.39
ELEV. = 610.89

To reach from the VT Route 113 bridge over I-91 at exit 14 go northwest along route 113 for 2.3 MI to the intersection of Tucker Hill Road left in Thetford Center. Turn left and go west along Tucker Hill Road for 0.15 MI to the intersection of a gravel drive left leading to house no. 139 and the site of the mark on the left in a lawn in the front of a cemetery. The mark is set 7 cm below ground surface in the top of a 30 cm diameter concrete monument poured 1.5 m deep. It is 5.3 m south of and about 0.1 m lower than the centerline of Tucker Hill Road, 4.8 m west of the centerline of a gravel drive, 9.6 m north of the northwest corner of the attached barn on house #139, and 10.2 m northwest of the most easterly gatepost of the gate for the cemetery.

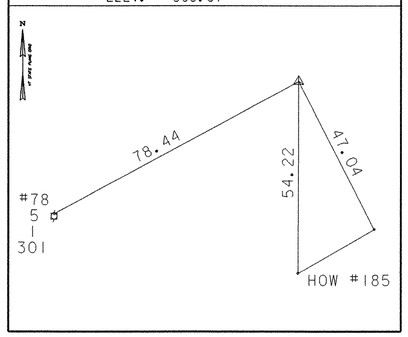
• DESCRIPTION PROVIDED BY VERMONT AGENCY OF TRANSPORTATION GEODETIC SURVEY UNIT

• TO ALLOW THE STATE PLANE COORDINATES TO FIT THE AGENCY DESIGN PLANE, SUBTRACT 400,00 FROM THE NORTHING AND SUBTRACT 1,700,000 FROM THE EASTING

## TRAVERSE TIES

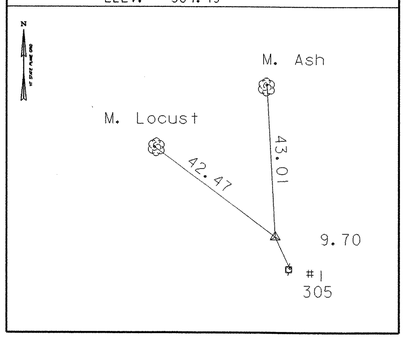
### HVCTRL #3

NORTH = 85905.60
EAST = 6002.93
ELEV. = 593.67




### HVCTRL #4

NORTH = 85422.72
EAST = 5422.41
ELEV. = 584.49




| | |
|---|---|
| NORTH = | |
| EAST = | |
| ELEV. = | |

| | |
|---|---|
| NORTH = | |
| EAST = | |
| ELEV. = | |

| | |
|---|---|
| NORTH = | |
| EAST = | |
| ELEV. = | |

• MAIN TRAVERSE COMPLETED 08/13/03 by R. Gilman P.C. & Anthony Somaini

## ALIGNMENT TIES

| | |
|---|---|
| NORTH = | |
| EAST = | |

| | |
|---|---|
| NORTH = | |
| EAST = | |

| | |
|---|---|
| NORTH = | |
| EAST = | |

| | |
|---|---|
| NORTH = | |
| EAST = | |

• ALIGNMENT STAKED

**DATUM**

| | |
|---|---|
| VERTICAL | NAVD ** |
| HORIZONTAL | NAD 83 (96) |
| ADJUSTMENT | Compass |

**TIE SHEET**

PROJECT NAME: Thetford
PROJECT NUMBER: BHO 1444(43)

FILE NAME: Structures\s03j036ti.dgn
PROJECT LEADER: M. EVANS-MONGEON
DESIGNED BY: M. EVANS-MONGEON
IPARM: s03j036ti.i

PLOT DATE: 27-SEP-2006
DRAWN BY: R. Bullock
CHECKED BY: S. SCRIBNER
SHEET 8 OF 60