

GPS CONTROL POINTS

HVCTRL #1

EAST BERKSHIRE AZ MK

N = 884459.1562
 E = 158806.935
 ELEV. = 569.159

To reach from the intersection of VT route 105 and VT route 118 south in Berkshire go southeast along rte 118 for 0.55 mi to the intersection of Pearly Road right. Turn right and go southeast along Pearly road for 0.2 mi to the intersection of a gravel drive left, leading to the Watson sign company. Turn left and go south along the gravel drive for about 164 ft to the end of the drive at the sign company building. Park vehicle and walk southeast, uphill through a pasture, for about 246 ft to the site of the mark. The mark is set in the top of a massive rock outcrop on the northwest edge of a knob, in a pasture. It is 247.4 ft (slope) southeast of the southeast corner of an attached shed on the sign company building, 162.1 ft east of the east edge of a pond, 27.9 ft east of a clump Apple, 213.3 ft southeast of an angle point in a wire fence, and 225.7 ft west of another angle point in the same fence.

HVCTRL #2

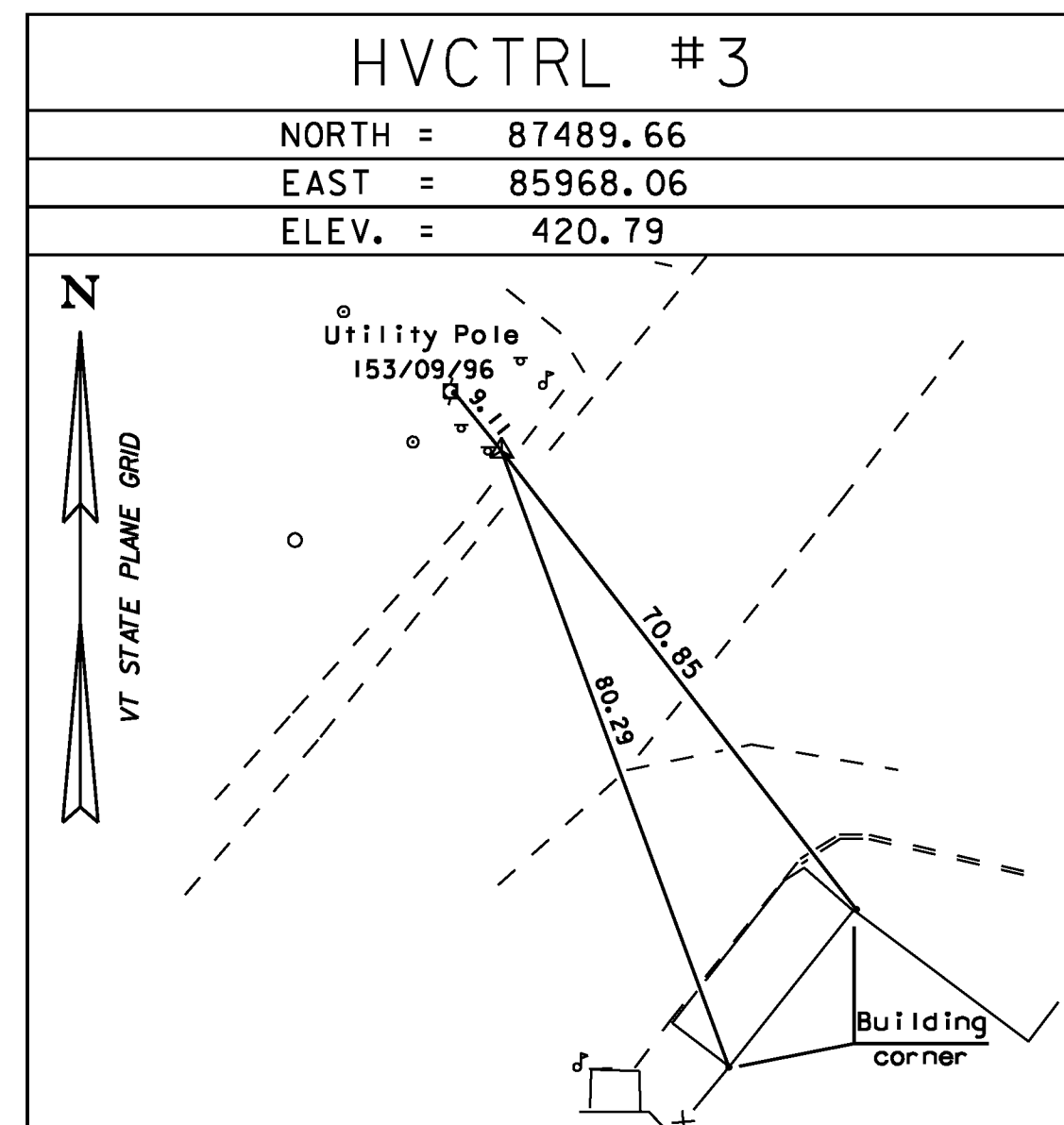
EAST BERKSHIRE

N = 887130.3779
 E = 1586474.107
 ELEV. = 414.632

To reach from the intersection of VT route 105 and VT route 118 south in East Berkshire, go southeast along VT 118 for 0.05 mi to the 118 bridge over the Missisquoi River. From the southeast end of the bridge continue southeast along 118 for about 164 ft to the site of the mark on the right in a pasture. The mark is set 0.05 ft below the ground surface in the top of a 1 ft diameter concrete monument poured 4 ft deep. It is 21.3 ft southwest of and about 1.6 ft lower than the southwest edge of pavement of route 118, 124.7 ft northwest of pole. no. 153 and 4.3 ft east of pole no. 4+1/2 and a fiberglass witness post.

*TO ALLOW THE STATE PLANE COORDINATES TO FIT THE AGENCY DESIGN PLANE, SUBTRACT 800,000 FROM THE NORTHING AND SUBTRACT 1,500,000 FROM THE EASTING.

TRAVERSE TIES



• MAIN TRAVERSE COMPLETED

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

ALIGNMENT TIES

Station	Northing	Easting
POB	0+00.00	87492.1208
Begin Bridge	1+38.48	87415.5065
End Bridge	4+42.89	87247.0912
PC	4+47.79	87244.3777
PT	7+00.00	87101.8841
POE	7+00.00	87101.8841

Curve Data
$\Delta = 1^{\circ} 37' 25.2''$ RT
$D = 0^{\circ} 38' 37.6''$
$R = 8900.00'$
$T = 126.11'$
$L = 252.20'$
$E = 0.89'$

STATE OF VERMONT AGENCY OF TRANSPORTATION	
Town Of BERKSHIRE	Bridge No. 30
Highway No. VT 118	Log Sta.
VT 118 OVER MISSISSQUOI RIVER	
TIES	
Designed By J Howe	Drawn By S Morgan
Checked By R Hebert	Bridge Design Supervisor
Date 4/2/09	Date
PROJECT BERKSHIRE	PROJECT NO. BHF 0283(9)S
I.G.C. Info. X98C304T1.DGN	
Bridge Sheet No.	Sheet 7A of 41