

GEODETTIC CONTROL

Geodetic control was established from a static GPS survey on temporary marks. No descriptions are available. Horizontal values were derived from a network adjustment tied to the following Continuously Operating Reference Stations (CORS):

- VTHA Hardwick
- VTIP Brighton
- VTD9 Derby

And the following Cooperative Base Network Control Station (CBN):

ASBESTOS

Elevations were computed from a network adjustment using GEOID 09 and local ties to the following benchmarks:

- ASBESTOS
- D 55
- P 55

TRAVERSE TIES

HVCTRL #1
NORTH = 843735.292
EAST = 1690354.252
ELEV. = 870.078
VW AZ MK
NOT TIED

HVCTRL #2
NORTH = 843646.397
EAST = 1691661.171
ELEV. = 855.406
VW
NAIL TOP OF GP
44.12
24.53
NAIL TOP OF GP

HVCTRL #3
NORTH = 843765.768
EAST = 1692036.143
ELEV. = 855.340
S SPRUCE
61.08
65.62
78.51
S SPRUCE

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

* MAIN TRAVERSE COMPLETED 2/7/2012 BY R. GILMAN P.C. & P. WINTERS

ALIGNMENT TIES

PI, STA. 24+34.76
NORTH = 843673.050
EAST = 1691719.844
ELEV. =
TO LOWELL
VT ROUTE 58
24+00
TO IRASBURG
PI STA 24+34.76

VT58, STA. 25+04.83
NORTH = 843682.925
EAST = 1691793.960
ELEV. =
VT 58 STA. 25+04.83 = CHANNEL LINE
STA. 11+3.92
TO LOWELL
25+00
TO IRASBURG

PT, STA. 27+99.01
NORTH = 843749.780
EAST = 1692308.6131
ELEV. =
PT STA 27+99.01
28+00
TO LOWELL
TO IRASBURG

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83(07)
ADJUSTMENT	COMPASS
ZONE	Vermont 4400
GEOID	GEOID09 (Conus)

PROJECT NAME:	IRASBURG
PROJECT NUMBER:	STP CULV(30)
FILE NAME:	z11c266+1e_br6.dgn
PROJECT LEADER:	M. CHENETTE
DESIGNED BY:	J. HUNGERFORD
SURVEY CONTROL AND TIES - BR6	
PLOT DATE:	9/26/2014
DRAWN BY:	L. BUXTON
CHECKED BY:	M. CHENETTE
SHEET	13 OF 55

