

GPS CONTROL POINTS

HVCTRL #1  
 4 AND 30 AZ MK  
 NORTH = 409162.672  
 EAST = 1455266.440  
 ELEV. = 511.154

GENERAL LOCATION, CASTLETON, VT.  
 TO REACH FROM THE U.S. ROUTE 4 EASTBOUND BRIDGE OVER VT ROUTE 30 GO EAST ALONG U.S. ROUTE 4 EASTBOUND FOR 0.4 M (0.6 KM) TO A U-TURN LEFT. TURN LEFT INTO U-TURN AND PARK VEHICLE. WALK EAST ALONG THE TOP OF THE SOUTH EDGE OF A ROCK CUT IN THE MEDIAN FOR ABOUT 110 M (360.9 FT) TO THE SITE OF THE MARK. THE MARK IS SET FLUSH WITH THE GROUND SURFACE IN THE TOP OF A MASSIVE ROCK OUTCROP. IT IS 16.3 M (53.5 FT) (SLOPE) NORTH OF AND ABOUT 8 M (26.2 FT) HIGHER THAN THE NORTH EDGE OF PAVEMENT OF THE U.S. ROUTE 4 EASTBOUND LANE, 107.5 M (352.7 FT) EAST OF THE EAST EDGE OF PAVEMENT OF THE U-TURN, 15.0 M (49.2 FT) (SLOPE) NORTHWEST OF THE CENTER OF A DROP INLET, 4.0 M (13.1 FT) NORTHWEST OF THE SOUTHEAST EDGE OF THE ROCK CUT, 3.2 M (10.5 FT) EAST OF A TRIPLE TRUNK 3 CM CEDAR, AND 0.6 M (2.0 FT) SOUTHWEST OF A FIBERGLASS WITNESS POST.

HVCTRL #2  
 4 AND 30  
 NORTH = 407313.559  
 EAST = 1453250.519  
 ELEV. = 455.642

GENERAL LOCATION, CASTLETON, VT.  
 TO REACH FROM THE U.S. ROUTE 4 EASTBOUND BRIDGE OVER VT ROUTE 30 GO SOUTH ALONG VT ROUTE 30 FOR ABOUT 100 M (328.1 FT) TO THE MARK ON THE LEFT IN A GRASS TRIANGLE FORMED BY THE EAST EDGE OF VT ROUTE 30 AND TWO LEGS OF THE U.S. ROUTE 4 EASTBOUND ENTRANCE RAMP. THE MARK IS SET FLUSH WITH GROUND SURFACE IN THE TOP OF THE NORTHEAST CORNER OF A 1.2 M (3.9 FT) SQUARE CONCRETE BASE FOR A DROP INLET. IT IS 3.6 M (11.8 FT) EAST OF AND ABOUT 0.1 M (0.3 FT) LOWER THAN THE EAST EDGE OF PAVEMENT OF VT ROUTE 30, 14.4 M (47.2 FT) NORTH OF THE SOUTH POINT OF THE GRASS TRIANGLE, 7.6 M (24.9 FT) SOUTHWEST OF THE NORTHWEST POINT OF THE TRIANGLE, 13.4 M (44.0 FT) SOUTHWEST OF THE NORTHEAST POINT OF THE TRIANGLE, 0.15 M (0.49 FT) SOUTH OF THE NORTH EDGE OF THE CONCRETE BASE, AND 0.15 M (0.49 FT) WEST OF A FIBERGLASS WITNESS POST AND THE EAST EDGE OF THE CONCRETE BASE.

TRAVERSE TIES

HVCTRL #3	
NORTH = 405869.465	
EAST = 1452940.393	
ELEV. = 453.529	
NOT TIED	

HVCTRL #4	
NORTH = 404714.404	
EAST = 1452786.203	
ELEV. = 453.920	

BM#34=HVCTRL #4  
 CHSQ NW CRNR  
 CONC PULL BOX  
 ELEV: 453.92

HVCTRL #5	
NORTH = 403386.539	
EAST = 1452523.569	
ELEV. = 414.126	

4-M. BOXELDER  
 BM#33 RRS1R  
 M. BOXELDER  
 ELEV: 404.48

HVCTRL #6	
NORTH = 402364.299	
EAST = 1452476.207	
ELEV. = 380.380	

S. ELM  
 #13 1/2  
 S. TWIN ELM

HVCTRL #7	
NORTH = 401123.889	
EAST = 1452552.093	
ELEV. = 381.239	

S. ELM  
 M. Y. BIRCH  
 2-S. MAPLES

\*MAIN TRAVERSE COMPLETED 9/22/1997 BY L. ORVIS P.C. & R. BULLOCK FOR POULTNEY - CASTLETON FO15-2 (3) [84B814]

ALIGNMENT TIES

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

DATUM  
 VERTICAL NAVD 88  
 HORIZONTAL NAD 83(92)  
 ADJUSTMENT COMPASS



PROJECT NAME: CASTLETON  
 PROJECT NUMBER: BRF 015-2 (10)  
 FILE NAME: z12b138+1.dgn  
 PROJECT LEADER: S.E. BURBANK  
 DESIGNED BY: VTRANS  
 TIE SHEET  
 PLOT DATE: 9/19/2014  
 DRAWN BY: R. BULLOCK  
 CHECKED BY: S.E. BURBANK  
 SHEET 13 OF 82