GPS/NGS CONTROL POINTS

VTGS DISK CARRIE HOWE

PID BBBW46
N = 573494.19
E = 1575932.29
ELEV = 993.06

ROXBURY, VT. IT IS ABOUT 30 M NORTH-NORTHEAST OF CARRIE-HOWE ROAD. THE MARK IS SET 20 CM BELOW GROUND SURFACE IN THE TOP OF A FENO-STYLE MONUMENT. IT IS 4.7 M NORTHWEST OF AND ABOUT 0.2 M LOWER THAN THE CENTERLINE OF VT ROUTE 12A, 6.4 M EAST OF THE EAST RAIL OF THE NEW ENGLAND CENTRAL RAILROAD, 21.6 M SOUTH OF AND ACROSS THE TRACKS FROM A LONE 20 CM DIAMETER WOODEN FENCE POST, AND 23.4 M NORTH OF AND ACROSS THE ROAD FROM THE NORTH CORNER OF A RECTANGULAR GREEN TELEPHONE ACCESS BOX.

VTGS DISK C02017

PID DM1719
N = 574347.06
E = 1576952.77
ELEV = 1030.98

DESCRIBED BY VERMONT GEODETIC SURVEY 2002. GENERAL LOCATION, ROXBURY, VT. TO REACH FROM THE INTERSECTION OF VT ROUTE 12 AND VT ROUTE 12A IN NORTHFIELD, GO SOUTH ALONG VT ROUTE 12A FOR 6.0 MI (9.7 KM) TO THE INTERSECTION OF WARREN MOUNTAIN ROAD RIGHT AND TRACY HILL ROAD LEFT, IN ROXBURY VILLAGE. CONTINUE STRAIGHT AHEAD AND GO SOUTH ALONG VT ROUTE 12A FOR 1.3 MI (2.1 KM) TO THE SITE OF THE MARK ON THE LEFT. THE MARK IS SET IN THE TOP OF A 6.2 M (20.3 FT) X 1.3 M (4.3 FT) ROCK OUTCROP WHICH PROJECTS ABOUT 1.1 M (3.6 FT) ABOVE GROUND SURFACE. IT IS 10.3 M (33.8 FT) SOUTH-SOUTHEAST OF AND ABOUT 0.4 M (1.3 FT) LOWER THAN THE CENTERLINE OF VT ROUTE 12A, 42.8 M (140.4 FT) WEST-SOUTHWEST OF POLE NO 359, 17.3 M (56.8 FT) EAST OF POLE NO 358 AND 1.4 M (4.6 FT) SOUTHWEST OF A FIBERGLASS WITNESS POST.

VTAT DISK ROXBURY AZ MK

PID AE3607
N = 577611.75
E = 1578300.06
ELEV = 1012.74

DESCRIBED BY VERMONT AGENCY OF TRANSPORTATION 1996 (DJM). GENERAL LOCATION, 5.2 MI (8.4 KM) SOUTH OF NORTHFIELD, 12 NORTH OF RANDOLPH. TO REACH, FROM THE JUNCTION OF VERMONT ROUTE 12 AND VERMONT ROUTE 12A IN NORTHFIELD, PROCEED SOUTH ON ROUTE 12A FOR 6.68 MI (10.75 KM) TO THE MARK ON THE RIGHT AND WEST. THE MARK IS LOCATED 60.4 M (198.2 FT) NORTH OF UTILITY POLE 6/373/218, 7.5 M (24.6 FT) WEST AND 2 M (6.6 FT) HIGHER THAN THE CENTERLINE OF VERMONT ROUTE 12A, 7.1 M (23.3 FT) SOUTH OF UTILITY POLE 8/374, AND 1.7 M (5.6 FT) WEST OF A FIBERGLASS WITNESS POST.

CGS DISK Z 24

PID PG0297
N = 579836.29
E = 1578825.62
ELEV = 1009.85

AT ROXBURY, WASHINGTON COUNTY, 128.5 FEET SOUTHWEST OF THE ROXBURY TOWN OFFICES, 126 FEET WEST OF STATE HIGHWAY 12-A. 35.2 FEET SOUTHEAST OF THE SOUTHEAST RAIL OF THE MAIN TRACK, 23 FEET SOUTHEAST OF THE SOUTHEAST RAIL OF THE SIDE TRACK, AND 3 FEET SOUTH OF A WHITE WOODEN WITNESS POST. A STANDARD DISK, STAMPED Z 24 1935 AND SET IN THE TOP OF A CONCRETE POST PROJECTING 5 INCHES ABOVE GROUND. MARK IS 0.3 M (1.0 FT) EAST OF A FIBERGLASS WITNESS POST.

VTGS DISK C02016

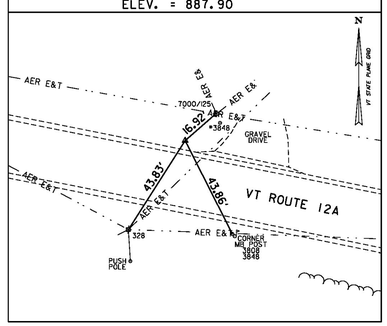
PID DM1718
N = 586370.58
E = 1580717.43
ELEV = 993.04

DESCRIBED BY VERMONT GEODETIC SURVEY 2002. GENERAL LOCATION, ROXBURY, VT. OWNERSHIP, MARK GERDES, 429 ROXBURY ROAD, ROXBURY, VT 05669. TO REACH FROM THE INTERSECTION OF VT ROUTE 12 AND VT ROUTE 12A IN NORTHFIELD, GO SOUTH ALONG VT ROUTE 12A FOR 4.9 MI (7.9 KM) TO THE SITE OF THE MARK ON THE LEFT. IT IS ABOUT 65 M (213.3 FT) NORTHEAST OF THE INTERSECTION OF A GRAVEL DRIVE LEFT LEADING TO THE DETRIMETAL TOOL COMPANY AND HOUSE NO 429. TO REACH FROM THE INTERSECTION OF VT ROUTE 12A AND THE WARREN MOUNTAIN ROAD IN ROXBURY VILLAGE, GO NORTH ALONG VT ROUTE 12A FOR 1.1 MI (1.8 KM) TO THE SITE OF THE MARK ON THE RIGHT. THE MARK IS SET IN THE TOP OF A MASSIVE ROCK OUTCROP. IT IS 26.5 M (86.9 FT) SOUTHEAST OF AND ABOUT 2.0 M (6.6 FT) LOWER THE CENTERLINE OF VT ROUTE 12A, 35.0 M (114.8 FT) EAST-NORTHEAST OF POLE NO 426X, 71.1 M (233.3 FT) NORTH OF THE NORTHWEST CORNER OF THE DETRIMETAL TOOL SHOP AND 30.3 M (99.4 FT) WEST-NORTHWEST OF THE WEST CORNER OF A BARN.

TRAVERSE TIES

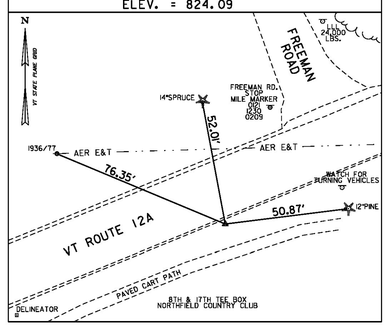
HVCTRL #601 — 5/8"REBAR SET FLUSH W/ VSE CONTROL CAP

NORTH = 589826.59
EAST = 1584147.87
ELEV. = 887.90



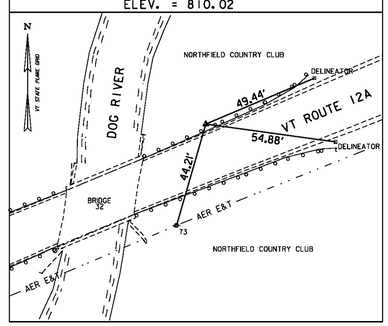
HVCTRL #700 — 5/8"REBAR SET FLUSH W/ VSE CONTROL CAP

NORTH = 587264.86
EAST = 1590791.23
ELEV. = 824.09



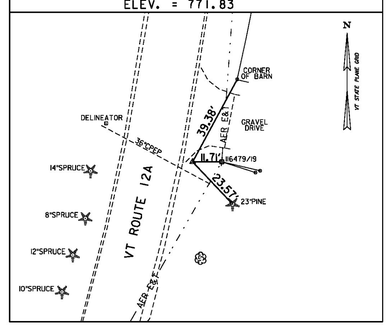
HVCTRL #701 — 5/8"REBAR SET FLUSH W/ VSE CONTROL CAP

NORTH = 587616.67
EAST = 1591568.82
ELEV. = 810.02



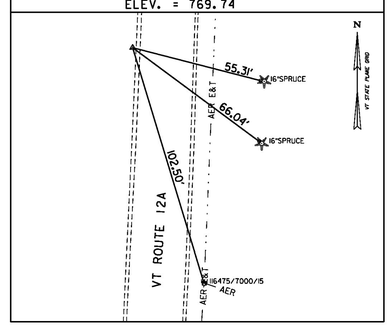
HVCTRL #800 — 5/8"REBAR SET FLUSH W/ VSE CONTROL CAP

NORTH = 592894.65
EAST = 1597654.41
ELEV. = 771.83



HVCTRL #801 — 5/8"REBAR SET FLUSH W/ VSE CONTROL CAP

NORTH = 593730.30
EAST = 1597686.88
ELEV. = 769.74



* MAIN TRAVERSE COMPLETED: FEBRUARY 1, 2013 BY VSE, M. YEFCHAK-PC, T. YEFCHAK

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83(2011)
ADJUSTMENT LSQ

VERMONT SURVEY AND ENGINEERING

PROJECT NAME: ROXBURY-NORTHFIELD
PROJECT NUMBER: ER STP 0187(13)

FILE NAME: z13c184tie.dgn
PROJECT LEADER: M. FOISY
DESIGNED BY: I. MAYNARD
TIE SHEET 2

PLOT DATE: 5/25/2016
DRAWN BY: A. BACKMAN
CHECKED BY: A. MCQUEENEY
SHEET 13 OF 476