

Original Drawing – Ink on Polymer meeting the requirements of 27 V.S.A. § 1403

R. O. W. PLANS

INDEX OF SHEETS

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STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT BRIDGE PROJECT

TOWN OF CHELSEA
COUNTY OF ORANGE

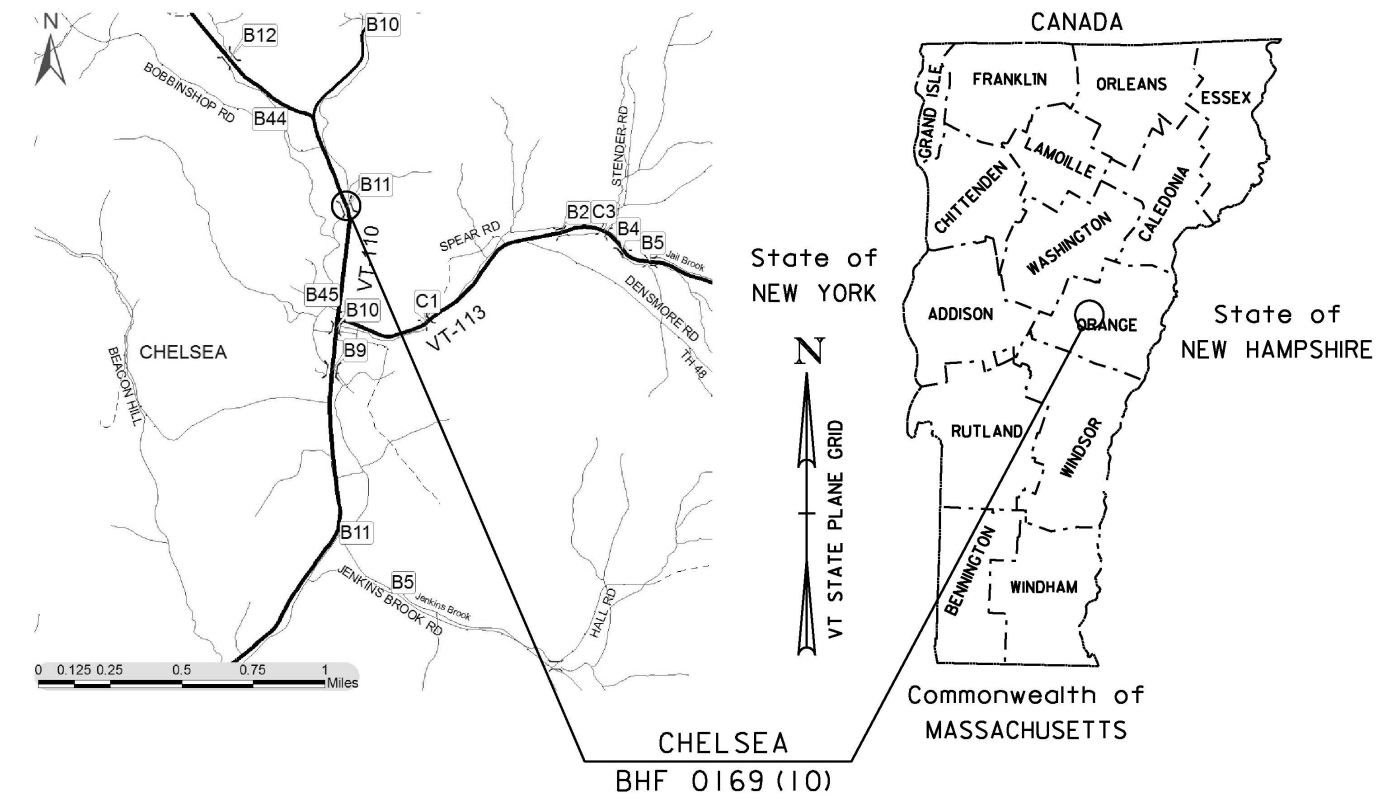
ROUTE NO : VT ROUTE 110, RURAL MAJOR COLLECTOR

BRIDGE NO : 11

PROJECT LOCATION: 0.3 MILES NORTH OF THE JUNCTION WITH VT ROUTE 113

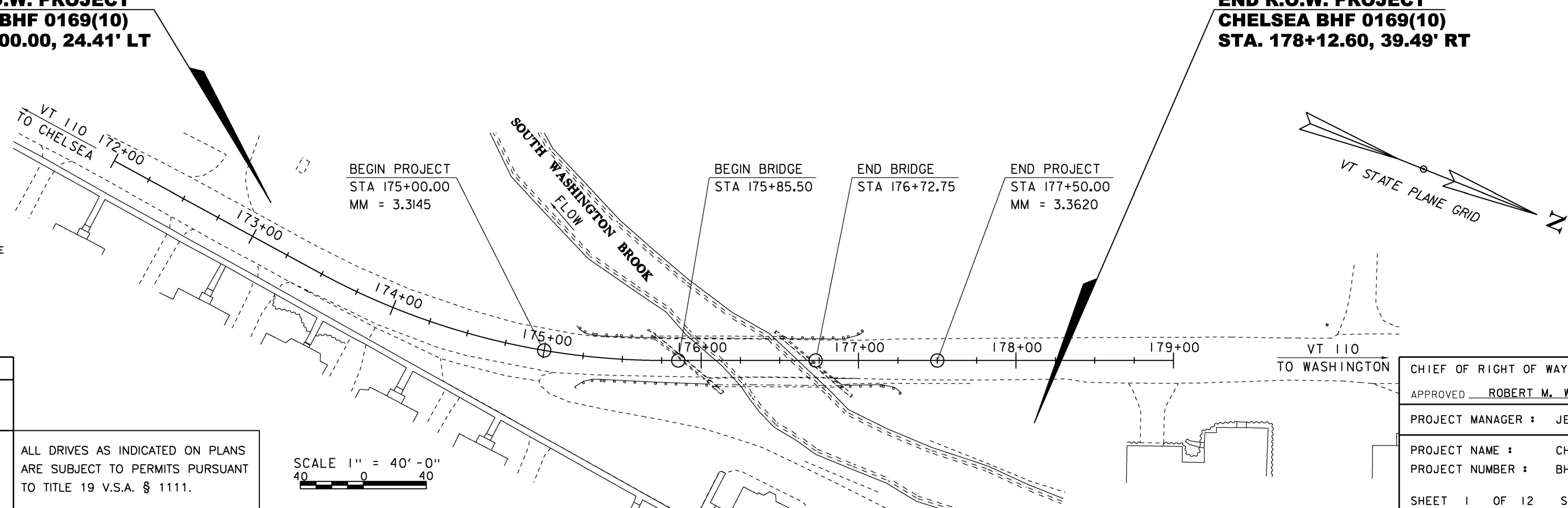
PROJECT DESCRIPTION: REMOVAL AND REPLACEMENT OF THE DECK AND SUPERSTRUCTURE OF BRIDGE 11

LENGTH OF STRUCTURE: 87.25 FEET
 LENGTH OF ROADWAY: 162.75 FEET
 LENGTH OF PROJECT: 250.00 FEET
 LENGTH OF ROW PROJECT: 512.60 FEET



**BEGIN R.O.W. PROJECT
CHELSEA BHF 0169(10)
STA. 173+00.00, 24.41' LT**

**END R.O.W. PROJECT
CHELSEA BHF 0169(10)
STA. 178+12.60, 39.49' RT**



CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

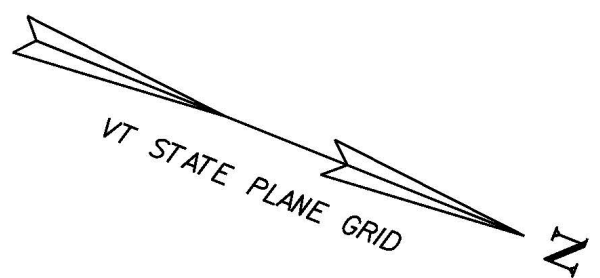
| | |
|-------------------------------------|-------------|
| QUALITY ASSURANCE PROGRAM : LEVEL 2 | |
| SURVEYED BY : | R. GILMAN |
| SURVEYED DATE : | 05-11-2012 |
| DATUM | |
| VERTICAL | NAVD 88 |
| HORIZONTAL | NAD 83 (07) |

ALL DRIVES AS INDICATED ON PLANS ARE SUBJECT TO PERMITS PURSUANT TO TITLE 19 V.S.A. § 1111.

SCALE 1" = 40'-0"
40 0 40

| | |
|--|-------------------------------|
| CHIEF OF RIGHT OF WAY | |
| APPROVED | ROBERT M. WHITE DATE 10-22-15 |
| PROJECT MANAGER : JENNIFER FITCH, P.E. | |
| PROJECT NAME : | CHELSEA |
| PROJECT NUMBER : | BHF 0169 (10) |
| SHEET 1 OF 12 SHEETS | |

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**BEGIN R.O.W. PROJECT
CHELSEA BHF 0169(10)
STA. 173+00.00, 24.41' LT**

**TRUSTEES OF THE
DIOCESE OF VERMONT**

| | | |
|---|--------|-------------|
| A | 6.94' | N77°47'03"E |
| B | 46.40' | R=425.37 |
| C | 9.38' | N26°26'56"E |
| D | 53.79' | R=433.82 |

CHAN STA 51+00.00=
ML STA 176+30.00
 $\Delta = 40^{\circ} 0' 0''$ RT

**END BRIDGE
STA 176+72.75**

**END PROJECT
STA 177+50.00**

**END APPROACH
STA 178+00.00**

TRUSTEES OF THE DIOCESE OF VERMONT

HVCTRL #6
ELEV = 830.879
(OFF SHEET)

EXISTING R.O.W.
VT 110
TO WASHINGTON
N 21°47'54" W

HVCTRL #7
ELEV = 827.465
(OFF SHEET)

**N/F
RICHARDSON,
MARK & SHERRI**

**N/F
SAFELINE, INC.**

**N/F
BROOKHAVEN
HOME FOR BOYS**

**N/F
PRESTON, ARNOLD & ARLENE
GALLACHER, SHARON**

**N/F
CHELSEA HEALTH CENTER**

MYERS, KATHRYN

**END R.O.W. PROJECT
CHELSEA BHF 0169(10)
STA. 178+12.60, 39.49' RT**

BY PLOTTING A 3-ROD
RIGHT OF WAY, THE STATE
OF VERMONT DOES NOT
WAIVE A POSSIBLE 4-ROD
RIGHT OF WAY BASED ON
HISTORIC ROAD SURVEYS.

EXISTING BRIDGE DATA
ONE SPAN CONCRETE DECK ON STEEL BEAMS
CONSTRUCTED IN 1939
BRIDGE LENGTH = 83.4 FT.
WATERWAY AREA = XXX SF

SLOPE = 0.50% MIN
NEW PIPE
TYPE: CPEP (SL)
LENGTH = 13.0 FT
DIAMETER = 12 IN
INV. IN = SET BY CURB INLET DEVICE
INV. OUT = 827.68 MAX

CURB INLET DEVICE
GRATE: TYPE A
RM EL = 828.75

LAYOUT

SCALE 1" = 20'-0"
20 0 20

LINES SHOWN ON THIS PLAN AS EXISTING
PROPERTY LINES P/L ARE BELIEVED TO
BE ACCURATE BUT SHOULD NOT BE RELIED
UPON FOR PURPOSES UNRELATED TO THE
STATE OF VERMONT'S ACQUISITION OF LAND
AND RIGHTS FOR THIS PROJECT.

**FOR R.O.W.
USE ONLY**

PROJECT NAME: CHELSEA
PROJECT NUMBER: BHF 0169(10)

FILE NAME: r12ci52lay.dgn
PROJECT LEADER: J. FITCH
DESIGNED BY: TYLIN
R.O.W. LAYOUT SHEET

PLOT DATE: 23-OCT-2015
DRAWN BY: A. PROULX
CHECKED BY: R. CLOUTIER
SHEET 4 OF 12

GPS CONTROL POINTS

HVCTRL #1

HORSESHOE
 NORTH = 548435.580
 EAST = 1651309.730
 ELEV. = 874.340

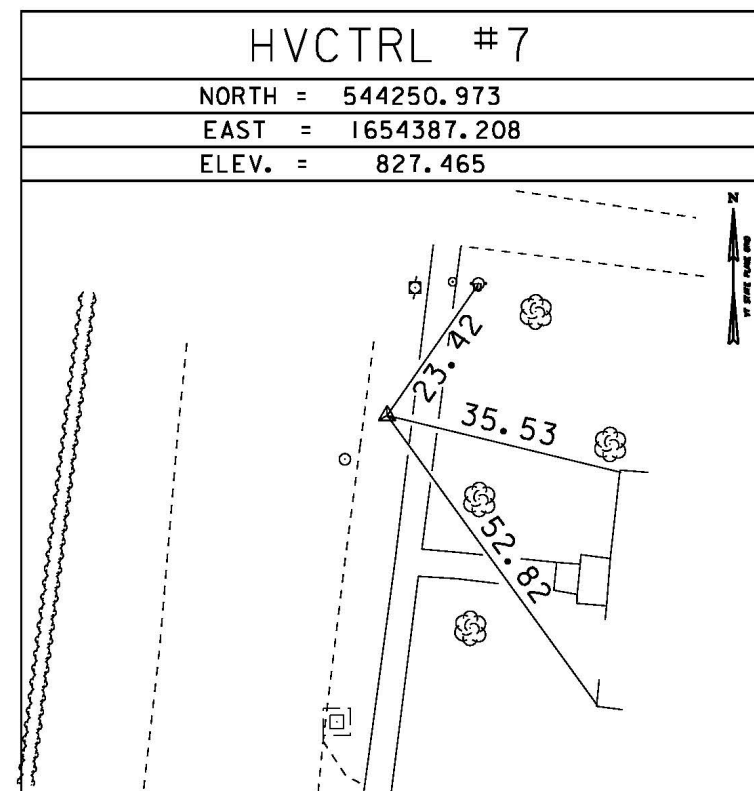
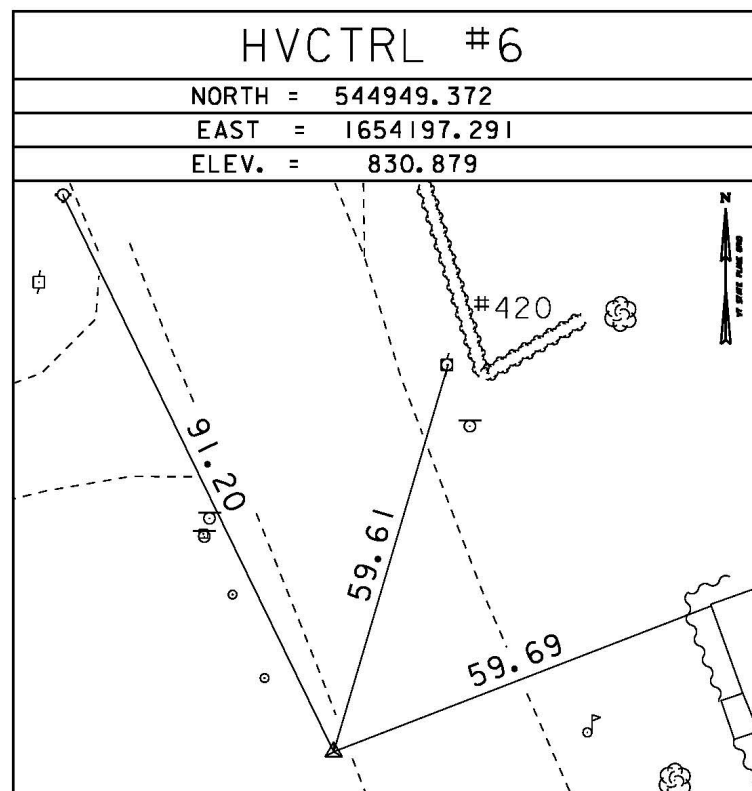
HVCTRL #2

VENISON
 NORTH = 547447.660
 EAST = 1652079.250
 ELEV. = 852.560

GENERAL LOCATION, CHELSEA, VT. OWNERSHIP, RICHARD D. GILMAN, CHELSEA, VT. 05038. TO REACH FROM THE INTERSECTION OF VT ROUTES 110 AND 113 IN CHELSEA VILLAGE GO NORTH ALONG VT ROUTE 110 FOR 1.3 MI (2.1 KM) TO THE MARK ON THE LEFT. THE MARK IS SET FLUSH WITH GROUND SURFACE IN THE TOP OF A 30 CM DIAMETER CONCRETE MONUMENT. IT IS 7.5 M (24.6 FT) WEST OF AND ABOUT 0.3 M (1.0 FT) HIGHER THAN THE CENTERLINE OF VT ROUTE 110, 4.6 M (15.1 FT) SOUTHEAST OF POLE NO. 342A/471, 16.2 M (53.1 FT) SOUTHWEST OF POLE NO. 209, AND 0.4 M (1.3 FT) EAST OF A FIBERGLASS WITNESS POST.

GENERAL LOCATION, CHELSEA, VT. TO REACH FROM THE INTERSECTION OF VT ROUTES 110 AND 113 IN CHELSEA VILLAGE GO NORTH ALONG VT ROUTE 110 FOR 1.1 MI (1.8 KM) TO THE MARK ON THE LEFT IN A FIELD. THE MARK IS SET FLUSH WITH GROUND SURFACE IN THE TOP OF A 30 CM DIAMETER CONCRETE MONUMENT. IT IS 7.5 M (24.6 FT) WEST SOUTHWEST OF THE CENTERLINE OF VT ROUTE 110, 27.7 M (90.9 FT) NORTHWEST OF THE CENTER OF THE NORTH END OF THE VT ROUTE 110 BRIDGE OVER THE FIRST BRANCH, AND 24.4 M (80.1 FT) NORTH NORTHWEST OF POLE NO. 477.

TRAVERSE TIES



GPS CONTROL POINTS

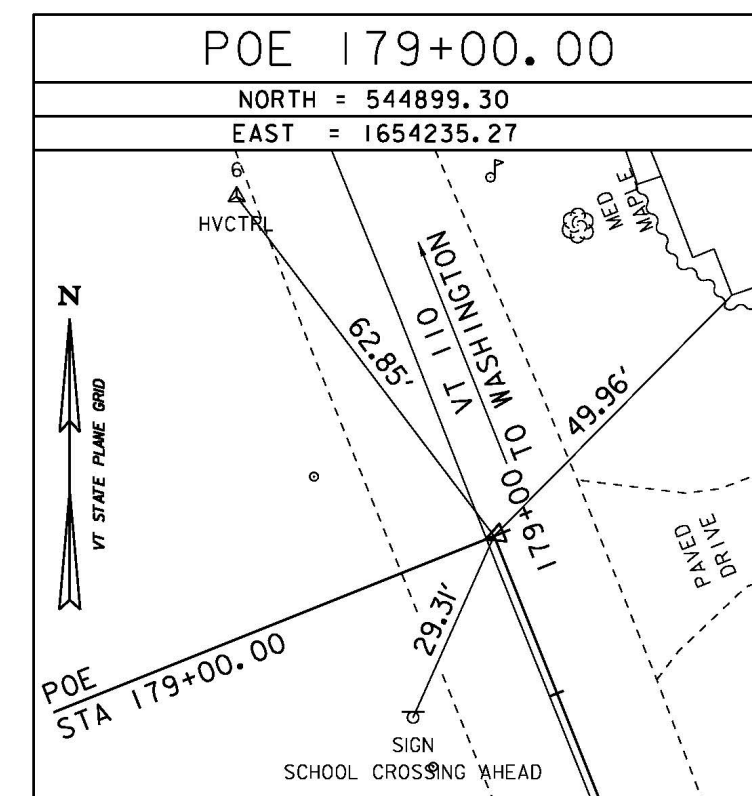
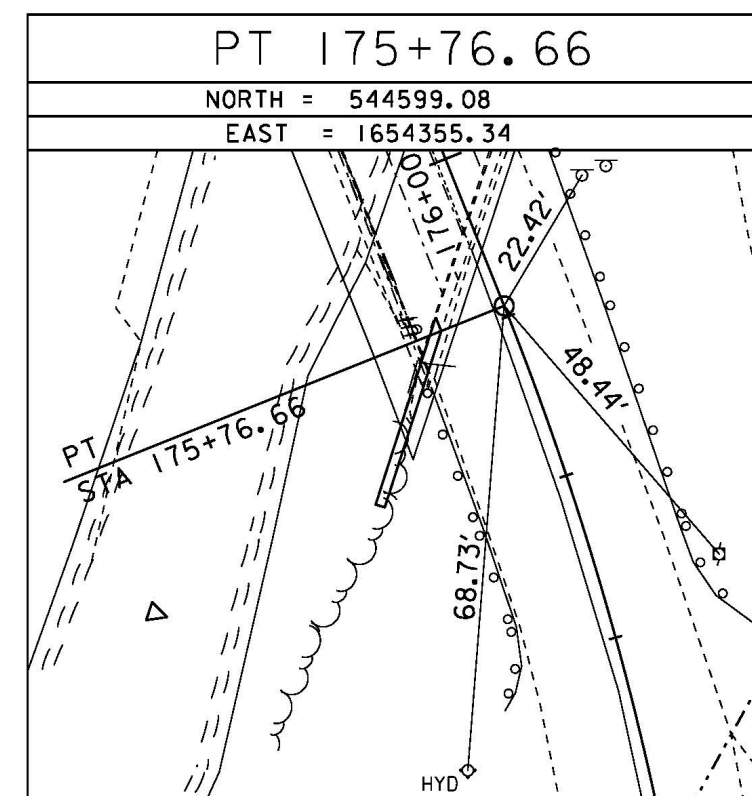
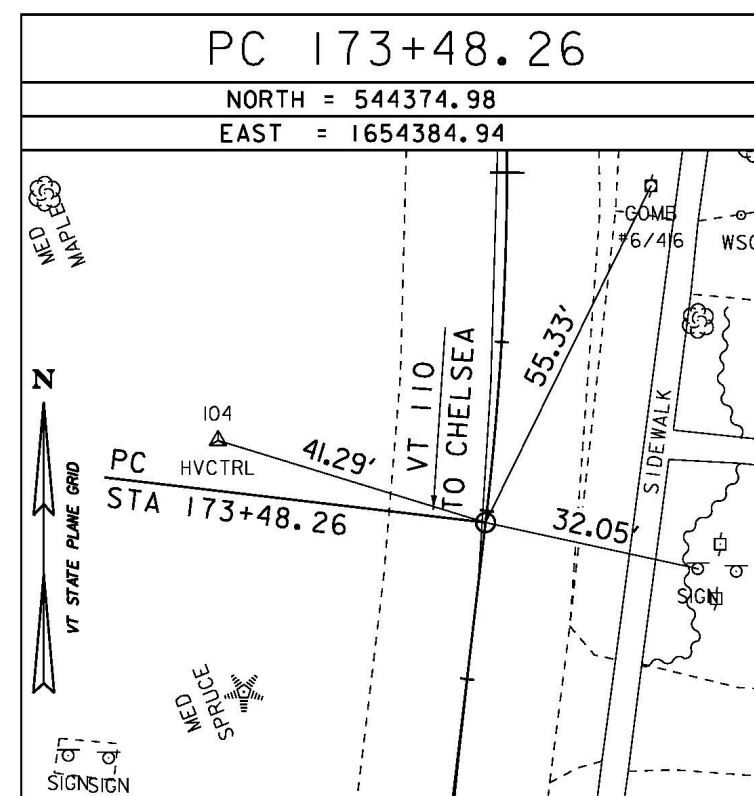
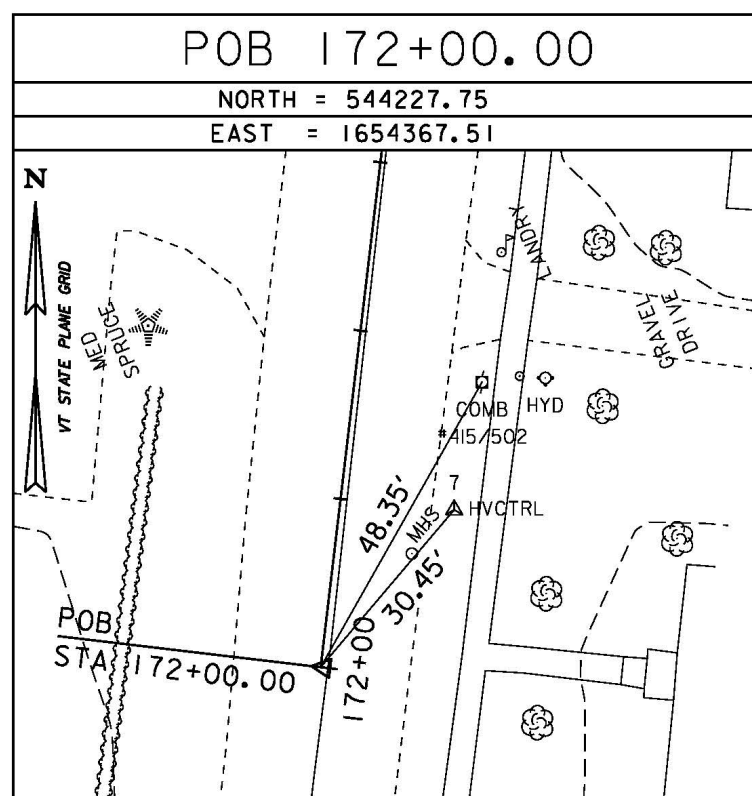
HVCTRL #11

CHELSEA
 NORTH = 539486.250
 EAST = 1654461.700
 ELEV. = 797.500

GENERAL LOCATION, CHELSEA, VT. TO REACH FROM THE INTERSECTION OF VT ROUTES 110 AND 113 IN CHELSEA VILLAGE GO SOUTH ALONG VT ROUTE 110 FOR 0.5 MI (0.8 KM) TO THE INTERSECTION OF A PAVED ROAD LEFT. TURN LEFT AND GO EAST ALONG THE PAVED ROAD FOR 0.05 MI (0.08 KM) TO THE CHELSEA SEWER PLANT AND THE INTERSECTION OF A GRAVEL ROAD RIGHT, LEADING TO THE TOWN SAND PILE AND LITTLE LEAGUE FIELD. TURN RIGHT AND GO SOUTH ALONG THE GRAVEL ROAD FOR ABOUT 50 M (164.0 FT) TO THE SITE OF THE MARK ON THE LEFT BETWEEN THE LITTLE LEAGUE FIELD BACKSTOP AND A CHAIN LINK FENCE WHICH SURROUNDS THE SEWER PLANT. THE MARK IS SET FLUSH WITH GROUND SURFACE IN THE TOP OF THE SOUTHWEST END OF A LONG NARROW ROCK OUTCROP. IT IS 17.5 M (57.4 FT) EAST OF AND ABOUT 0.3 M (1.0 FT) HIGHER THAN THE CENTERLINE OF THE GRAVEL ROAD, 17.3 M (56.8 FT) SOUTH OF THE SOUTHWEST CORNER OF THE SEWER PLANT BUILDING, 4.7 M (15.4 FT) NORTHWEST OF THE NORTHEAST END OF THE BACKSTOP, 2.5 M (8.2 FT) SOUTHWEST OF THE SOUTH CORNER OF THE PHILIP BUTCH FARNHAM MEMORIAL STONE MONUMENT, AND 6.1 M (20.0 FT) SOUTH SOUTHWEST OF A FIBERGLASS WITNESS POST IN AN ANGLE POINT IN THE CHAIN LINK FENCE. RECOVERED IN GOOD CONDITION BY VTGS 3/12/1998.

* MAIN TRAVERSE COMPLETED 5/11/2012 BY R. GILMAN P.C. & P. WINTERS & C. CYR

ALIGNMENT TIES



| | |
|------------|-------------|
| DATUM | |
| VERTICAL | NAVD 88 |
| HORIZONTAL | NAD 83 (07) |
| ADJUSTMENT | COMPASS |

| | |
|-----------------|----------------|
| PROJECT NAME: | CHELSEA |
| PROJECT NUMBER: | BHF 0169(10) |
| FILE NAME: | r12c1521te.dgn |
| PROJECT LEADER: | J. FITCH |
| DESIGNED BY: | TYLIN |
| TIE SHEET | |
| PLOT DATE: | 23-OCT-2015 |
| DRAWN BY: | TYLIN |
| CHECKED BY: | TYLIN |
| SHEET | 8 OF 12 |