

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

R. O. W. PLANS

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STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT BRIDGE PROJECT

TOWN OF CHELSEA
COUNTY OF ORANGE

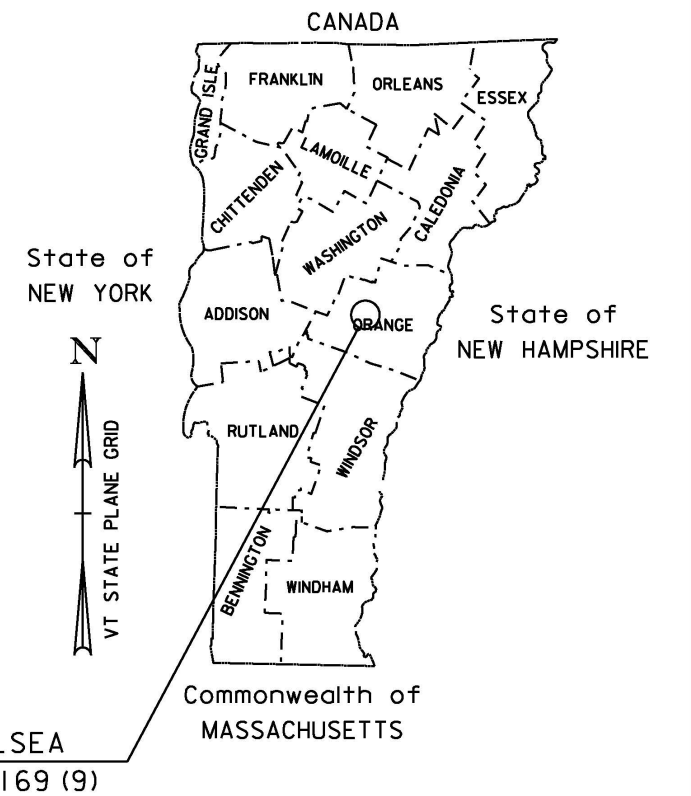
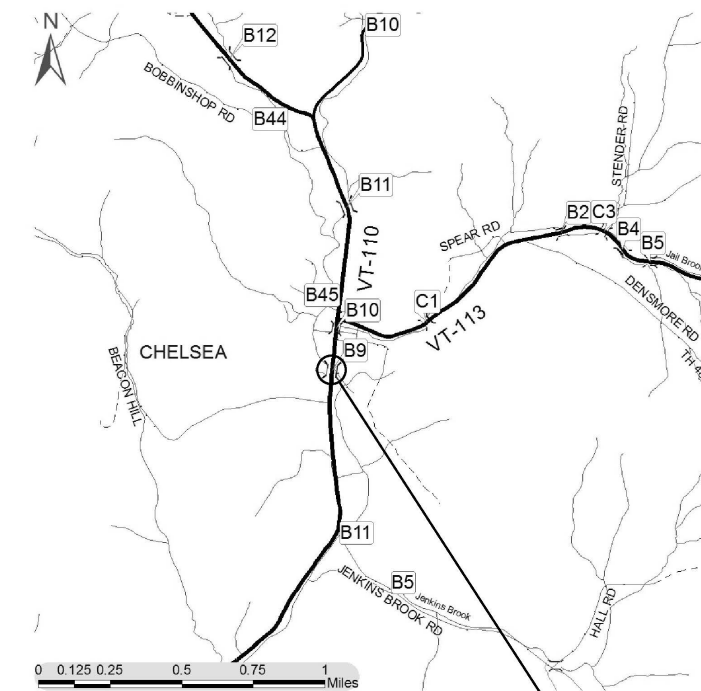
ROUTE NO : VT ROUTE 110, RURAL MAJOR COLLECTOR

BRIDGE NO : 9

PROJECT LOCATION: 0.2 MILES SOUTH OF THE JUNCTION WITH VT ROUTE 113

PROJECT DESCRIPTION: REMOVAL AND REPLACEMENT OF THE DECK AND SUPERSTRUCTURE OF BRIDGE 9

LENGTH OF STRUCTURE: 87.50 FEET
 LENGTH OF ROADWAY: 112.50 FEET
 LENGTH OF PROJECT: 200.00 FEET
 LENGTH OF ROW PROJECT: 340.00 FEET



**BEGIN R.O.W. PROJECT
CHELSEA BHF 0169(9)
STA. 144+25, 35.00' LT**

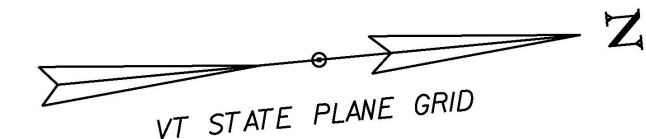
**END R.O.W. PROJECT
CHELSEA BHF 0169(9)
STA. 147+65, 20.73' LT**

BEGIN PROJECT
STA 144+50.00
MM = 2.7365

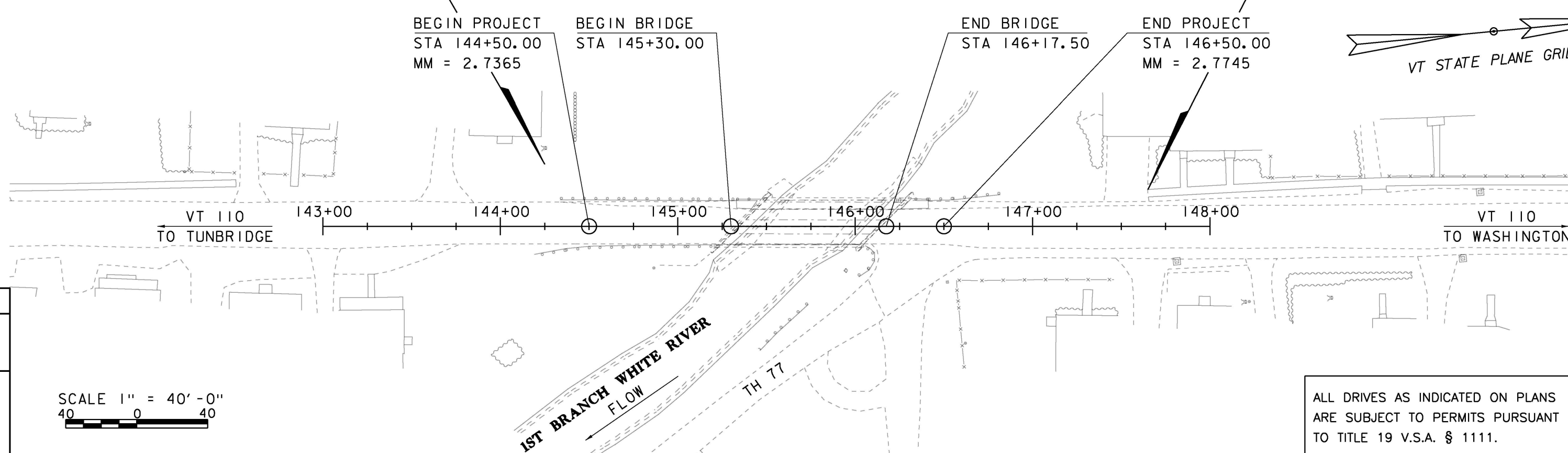
BEGIN BRIDGE
STA 145+30.00

END BRIDGE
STA 146+17.50

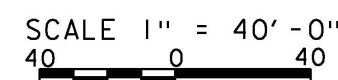
END PROJECT
STA 146+50.00
MM = 2.7745



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.



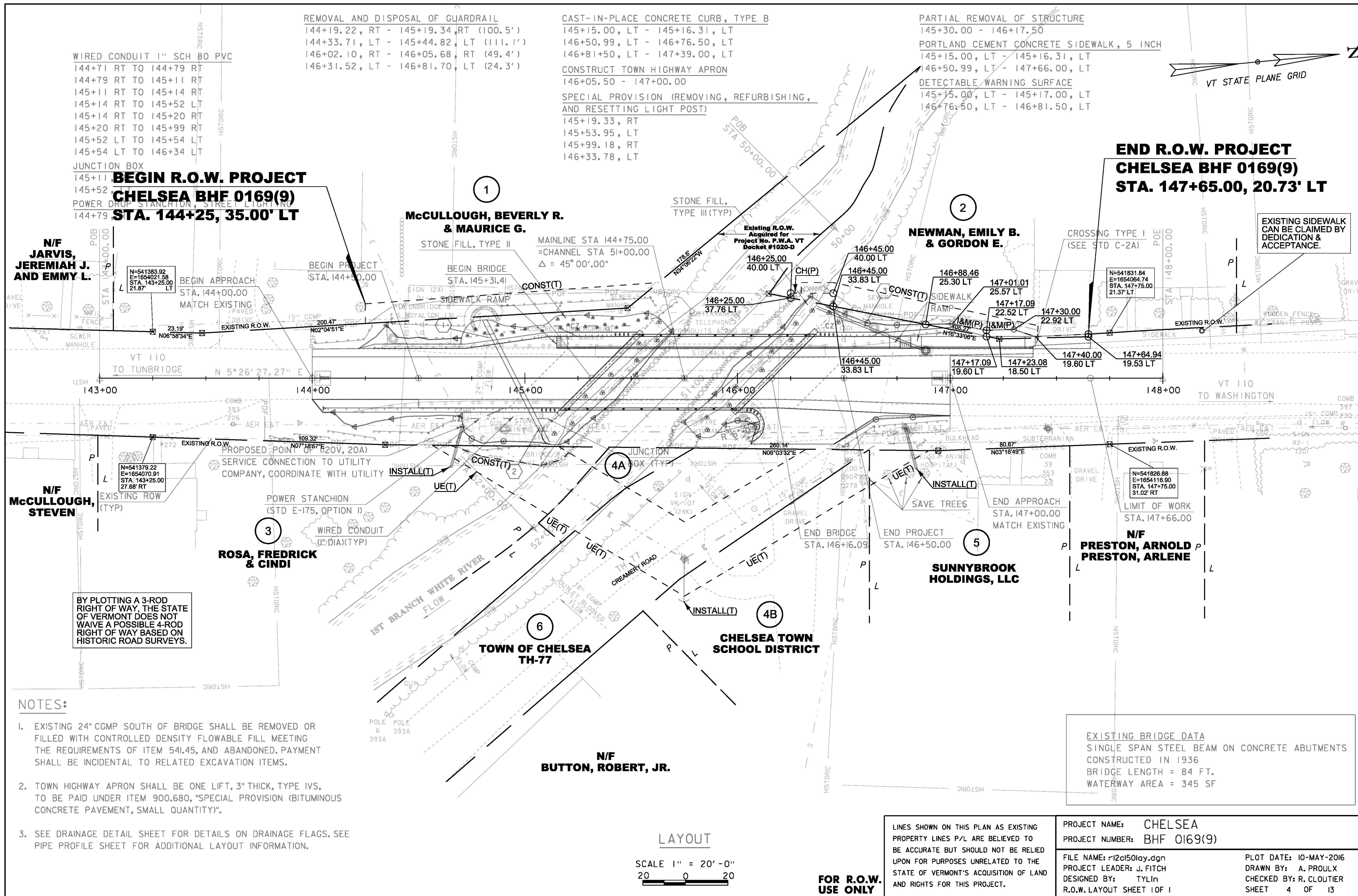
QUALITY ASSURANCE PROGRAM : LEVEL 2	
SURVEYED BY :	R. GILMAN
SURVEYED DATE :	05-21-2012
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (07)



CHIEF OF RIGHT OF WAY	
APPROVED	ROBERT M. WHITE DATE 12-04-15
PROJECT MANAGER :	JENNIFER FITCH, P.E.
PROJECT NAME :	CHELSEA
PROJECT NUMBER :	BHF 0169 (9)
SHEET	1 OF 13 SHEETS

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

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REMOVAL AND DISPOSAL OF GUARDRAIL
 144+19.22, RT - 145+19.34, RT (100.5')
 144+33.71, LT - 145+44.82, LT (111.1')
 146+02.10, RT - 146+05.68, RT (49.4')
 146+31.52, LT - 146+81.70, LT (24.3')

CAST-IN-PLACE CONCRETE CURB, TYPE B
 145+15.00, LT - 145+16.31, LT
 146+50.99, LT - 146+76.50, LT
 146+81+50, LT - 147+39.00, LT

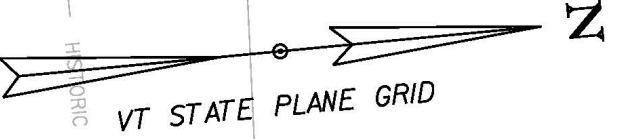
PARTIAL REMOVAL OF STRUCTURE
 145+30.00 - 146+17.50
 PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
 145+15.00, LT - 145+16.31, LT
 146+50.99, LT - 147+66.00, LT
 DETECTABLE WARNING SURFACE
 145+15.00, LT - 145+17.00, LT
 146+76.50, LT - 146+81.50, LT

CONSTRUCT TOWN HIGHWAY APRON
 146+05.50 - 147+00.00
 SPECIAL PROVISION (REMOVING, REFURBISHING,
 AND RESETTING LIGHT POST)
 145+19.33, RT
 145+53.95, LT
 145+99.18, RT
 146+33.78, LT

WIRED CONDUIT 1" SCH 80 PVC
 144+71 RT TO 144+79 RT
 144+79 RT TO 145+11 RT
 145+11 RT TO 145+14 RT
 145+14 RT TO 145+52 LT
 145+14 RT TO 145+20 RT
 145+20 RT TO 145+99 RT
 145+52 LT TO 145+54 LT
 145+54 LT TO 146+34 LT

**BEGIN R.O.W. PROJECT
 CHELSEA BHF 0169(9)
 STA. 144+25, 35.00' LT**

**END R.O.W. PROJECT
 CHELSEA BHF 0169(9)
 STA. 147+65.00, 20.73' LT**



EXISTING SIDEWALK
 CAN BE CLAIMED BY
 DEDICATION &
 ACCEPTANCE.

VT 110 TO TUNBRIDGE N 5°26'27.27" E
 143+00 144+00 145+00 146+00 147+00 148+00
 VT 110 TO WASHINGTON

N/F
**JARVIS,
 JEREMIAH J.
 AND EMMY L.**

**McCULLOUGH, BEVERLY R.
 & MAURICE G.**

**NEWMAN, EMILY B.
 & GORDON E.**

N/F
**McCULLOUGH,
 STEVEN**

**ROSA, FREDRICK
 & CINDI**

N/F
**PRESTON, ARNOLD
 PRESTON, ARLENE**

**SUNNYBROOK
 HOLDINGS, LLC**

N/F
BUTTON, ROBERT, JR.

**TOWN OF CHELSEA
 TH-77**

**CHELSEA TOWN
 SCHOOL DISTRICT**

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
 SINGLE SPAN STEEL BEAM ON CONCRETE ABUTMENTS
 CONSTRUCTED IN 1936
 BRIDGE LENGTH = 84 FT.
 WATERWAY AREA = 345 SF

- NOTES:**
- EXISTING 24" CGMP SOUTH OF BRIDGE SHALL BE REMOVED OR FILLED WITH CONTROLLED DENSITY FLOWABLE FILL MEETING THE REQUIREMENTS OF ITEM 541.45, AND ABANDONED. PAYMENT SHALL BE INCIDENTAL TO RELATED EXCAVATION ITEMS.
 - TOWN HIGHWAY APRON SHALL BE ONE LIFT, 3" THICK, TYPE IVS, TO BE PAID UNDER ITEM 900.680, "SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY)".
 - SEE DRAINAGE DETAIL SHEET FOR DETAILS ON DRAINAGE FLAGS. SEE PIPE PROFILE SHEET FOR ADDITIONAL LAYOUT INFORMATION.

LAYOUT

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

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

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.

PROJECT NAME: CHELSEA
 PROJECT NUMBER: BHF 0169(9)

FILE NAME: r12ci50lay.dgn
 PROJECT LEADER: J. FITCH
 DESIGNED BY: TYLIn
 R.O.W. LAYOUT SHEET 1 OF 1

PLOT DATE: 10-MAY-2016
 DRAWN BY: A. PROULX
 CHECKED BY: R. CLOUTIER
 SHEET 4 OF 13

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

GPS CONTROL POINTS

HVCTRL #1

HORSESHOE
 NORTH = 548435.580
 EAST = 1651309.730
 ELEV. = 874.340

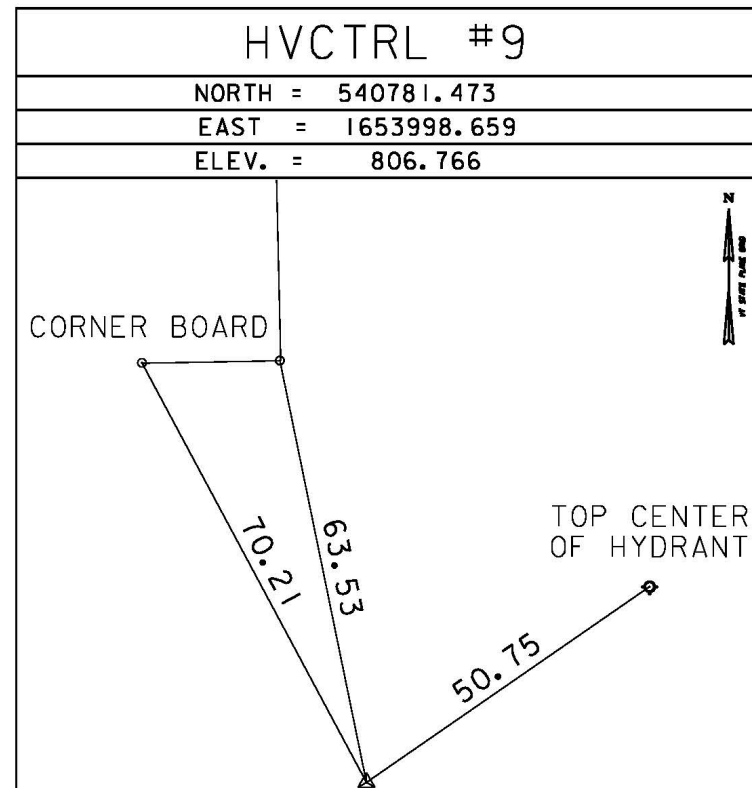
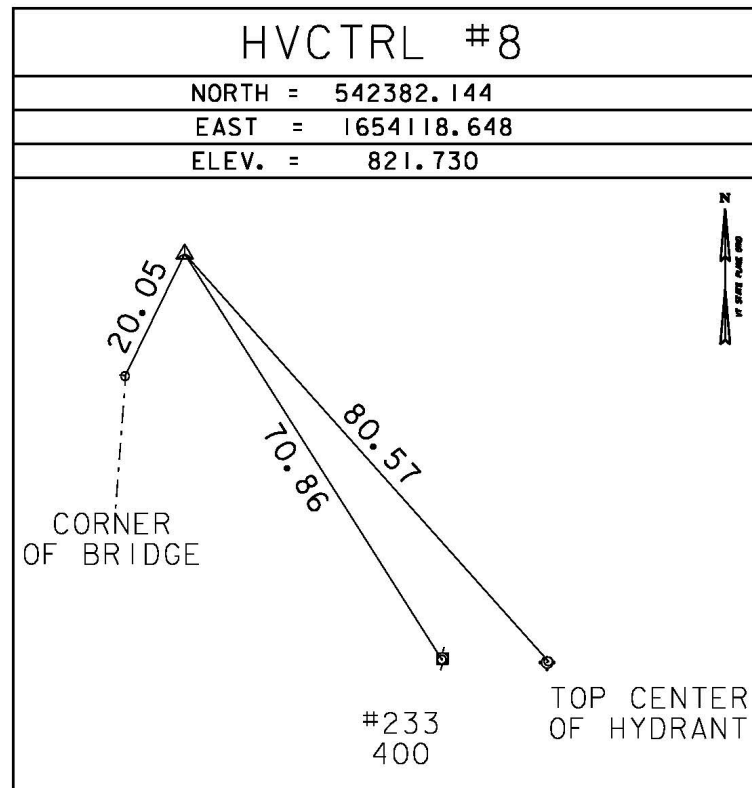
HVCTRL #2

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



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

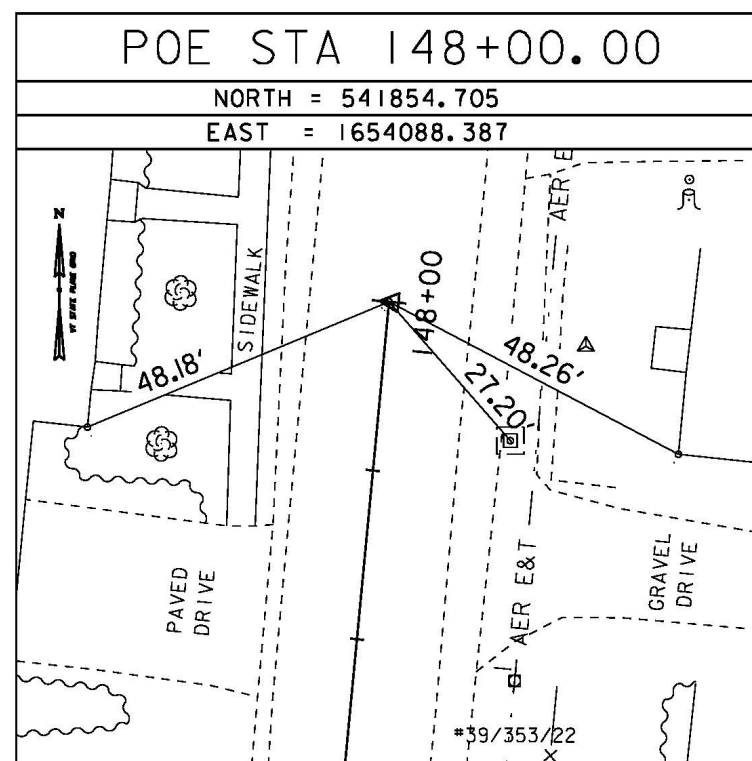
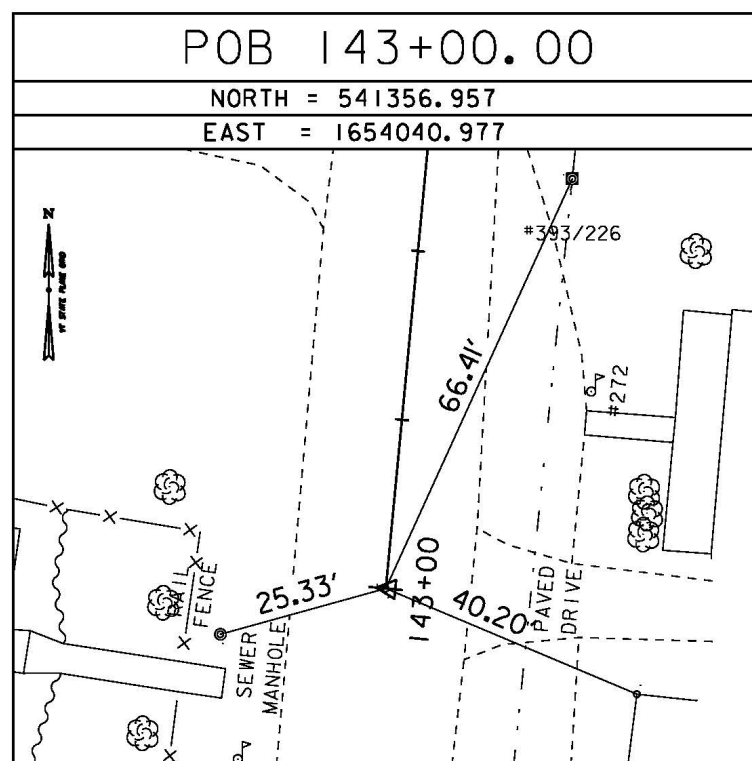
GPS CONTROL POINTS

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.

ALIGNMENT TIES



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

PROJECT NAME:	CHELSEA	FILE NAME:	r12c150+1e.dgn	PLOT DATE:	04-DEC-2015
PROJECT NUMBER:	BHF 0169(9)	PROJECT LEADER:	J. FITCH	DRAWN BY:	TYLin
		DESIGNED BY:	TYLin	CHECKED BY:	TYLin
		TIE SHEET		SHEET	8 OF 13