

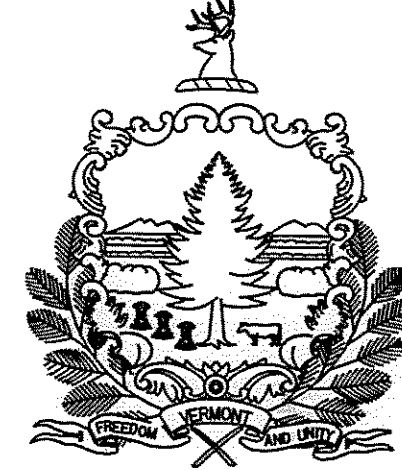
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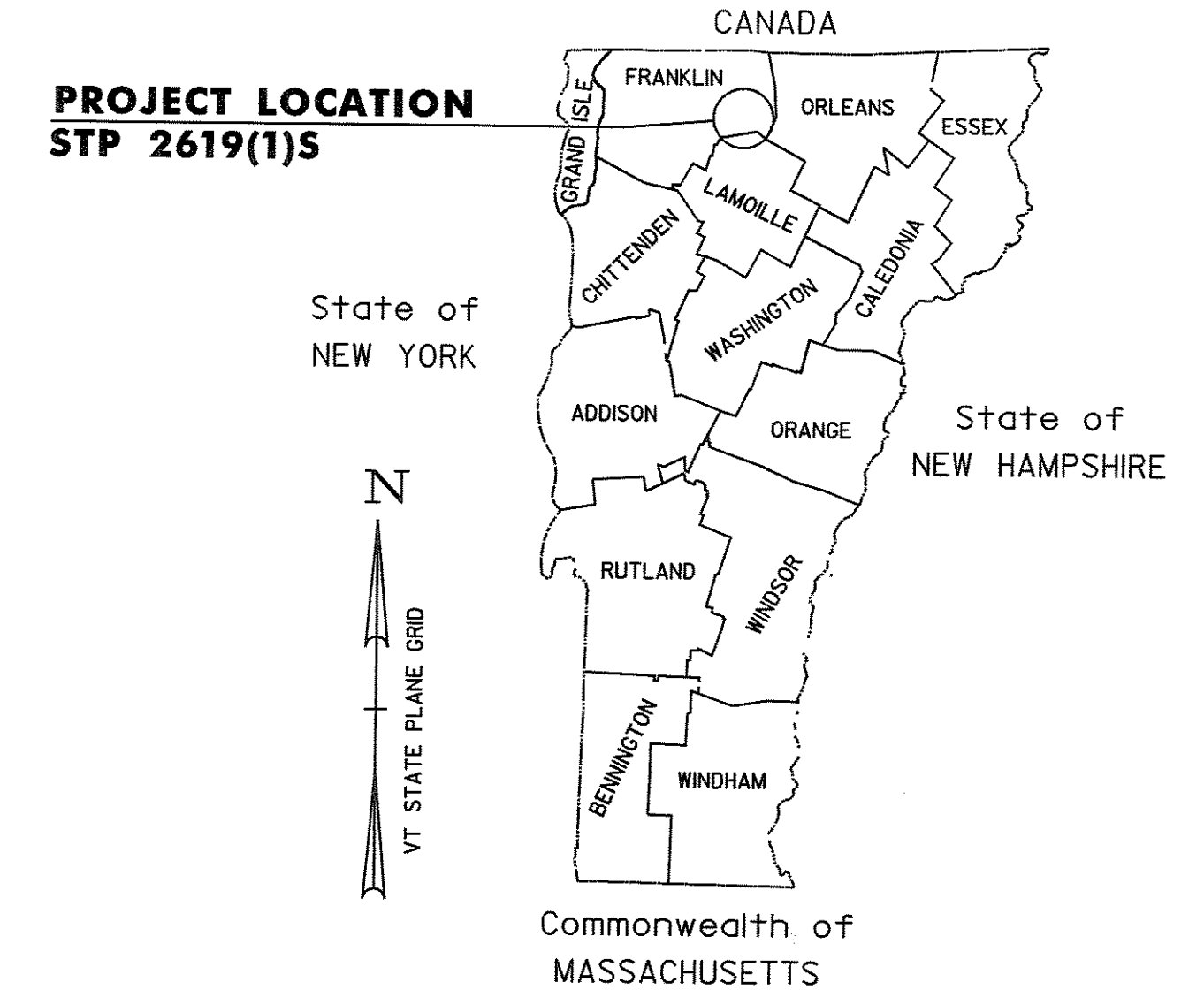
**VAOT STANDARDS**

B-1	BANKING TABLES	06-01-94
D-8	REINFORCED CONCRETE DROP INLET WITH PRECAST COVER & GRATE (BOTTOM SECTION) SEE SHEETS D-9,10,11 FOR TOP SECTION	01-03-00
D-15	PRECAST REINFORCED CONC. MH-GRATES (BICYCLE SAFE) CAST IRON GRATE WITH FRAME, TYPE D CAST IRON GRATE WITH FRAME, TYPE E	06-01-94
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G-1	STEEL BEAM GUARDRAIL (50MPH & OVER) HEAVY DUTY STEEL BEAM GUARDRAIL TWISTED END TERMINAL ANCHOR FOR STEEL BEAM RAIL	01-03-00
G-1D	STEEL BEAM GUARDRAIL (40MPH & LESS) HEAVY DUTY STEEL BEAM GUARDRAIL STEEL BEAM MEDIAN BARRIER ANCHOR FOR STEEL BEAM RAIL	01-03-00
G-4	MARKERS - GUIDE POSTS - PLANK GUARD RAIL PLANK RAIL GUIDE POSTS WOOD MARKER POSTS STEEL MARKER POSTS	06-01-94
G-19	GENERIC GRADING PLAN FOR GUARDRAIL END TERMINALS	11-15-02
SB-R6-82	BRIDGE RAIL - HEAVY DUTY STEEL BEAM	01-06-95

# STATE OF VERMONT AGENCY OF TRANSPORTATION



## PROPOSED IMPROVEMENTS TOWNS OF BELVIDERE, AND MONTGOMERY COUNTIES OF LAMOILLE and FRANKLIN VT ROUTE 118



BEGINNING IN THE TOWN OF BELVIDERE AT STA 29+57 (MM 0.560) AND EXTENDING NORTHERLY ALONG VT ROUTE 118 INTO THE TOWN OF MONTGOMERY FOR A DISTANCE OF APPROXIMATELY 4,849 FEET (7.926 MILES) TO STA 293+83, (MM 5.565).

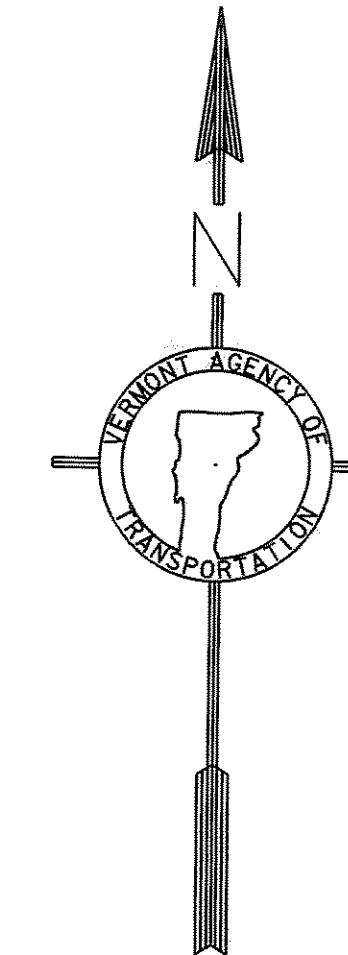
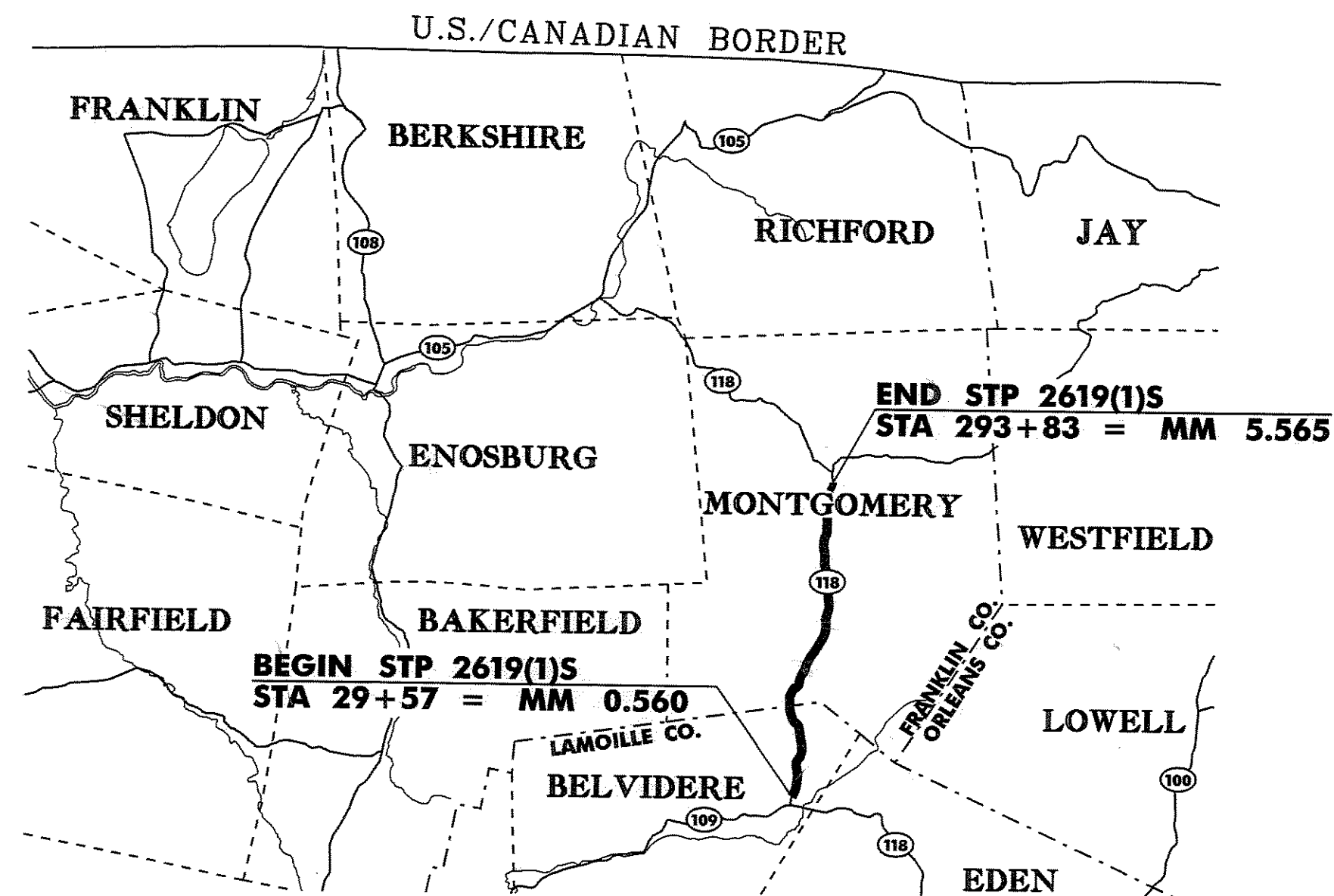
STATION TO STATION DATA	LENGTH (FEET)	(MILES)
TOWN OF BELVIDERE STA 29+57 TO STA 154+23 (MM 0.560 TO MM 2.921)	12,466	2.361
TOWN OF MONTGOMERY STA 0+00 TO STA 293+83 (MM 0.000 TO MM 5.565)	29,383	5.565
<b>PROJECT TOTALS</b>	<b>41,849</b>	<b>7.926</b>

**TRAFFIC DATA**

	ADT		DHV		FLEXIBLE ESAL'S	
	2007	2017	2007	2017	(2007-2017)	(2007-2027)
PROJECT BEGIN (MM 0.560) TO SADEN ROAD (MONT. MM 4.37)	630	720	220	230	139,000	326,000
SADEN ROAD (MONT. MM 4.37) TO NOTCH ROAD (VT 58, MM 5.59)	1,000	1,200	260	290	157,000	382,000

BELVIDERE - MONTGOMERY VT ROUTE 118, MM 0.560 TO MM 5.565	
BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	382,000
DESIGN NUMBER OF GYRATIONS	50
PERFORMANCE GRADED ASPHALT BINDER	PG 58-34

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RECLAIMING AND RESURFACING OF THE EXISTING HIGHWAY WITH A COMBINATION OF WEARING AND BASE COURSES, NEW PAVEMENT MARKINGS, GUARD RAIL INSTALLATION, DRAINAGE IMPROVEMENTS AND INCIDENTAL ITEMS.



RIGHT-OF-WAY LIMITS, IF APPLICABLE, ARE PROVIDED SOLELY FOR THE CONVENIENCE OF THE STATE AND ITS CONTRACTOR DURING THE COURSE OF THIS PAVING PROJECT. ANY REFERENCES TO OFFSETS ON THESE PLANS ARE APPROXIMATE AND SHOULD NOT BE RELIED UPON FOR ANY OTHER PURPOSES.

UNLESS OTHERWISE NOTED, ALL DRAWINGS AND DETAILS ON THESE PLANS ARE DRAWN 'NOT TO SCALE'.

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

**RECORD PLANS**

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT

RESIDENT ENGINEER: JON DAY

CONSTRUCTION BEGAN: APRIL 2, 2008

CONSTRUCTION COMPLETE: NOVEMBER 6, 2008

RECORD PLANS BY: JON DAY & C. PIERCE

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY: *Jon Day* RESIDENT ENGINEER

DATE: 10-23-09

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

**CONVENTIONAL SIGNS**

COUNTY LINE	---
TOWN LINE	- - - -
LIMITS OF ACCESS	○-○-○-○
POINT OF ACCESS	X
FENCE LINE	-x-x-
STONE WALL	
TRAVELED WAY	====
GUARD RAIL	○-○-○-○
RAILROAD	
SURVEY LINE	+
CULVERT	—
POWER POLE	⊙
TELEPHONE POLE	⊙
TREES	⊙ *
CONTROL OF ACCESS	—/—/—
PROPERTY LINE	---
R.O.W. TAKING LINE	---
SLOPE RIGHTS	○ SR △
TOP OF CUT	△
TOE OF SLOPE	○

DATUM

VERTICAL	N/A
HORIZONTAL	N/A

BY: *Jon Day*

**CIVIL ENGINEERING ASSOCIATES, INC.**  
P.O. BOX 488 SHELBURNE, VT 05482  
802-985-2323 FAX: 802-985-2271 web: ceo-vt.com

DIRECTOR OF PROGRAM DEVELOPMENT	APPROVED: <i>Ted Domey</i> DATE: 10/27/09
PROJECT MANAGER: TED DOMEY	
PROJECT NAME: BELVIDERE - MONTGOMERY	
PROJECT NUMBER: STP 2619(1)S	
SHEET 1 OF 33 SHEETS	