

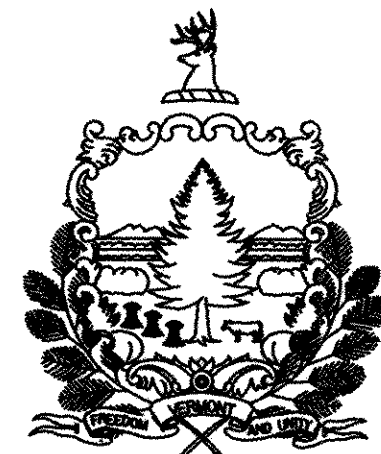
INDEX OF SHEETS

- 1 TITLE SHEET
- 2-3 PROJECT TYPICAL SHEETS
- 4-5 QUANTITY SHEETS
- 6-7 ITEM DETAIL SUMMARY SHEETS
- 8 DITCH CLEANING DETAIL SHEET
- 9-33 PAVING PROJECT LAYOUT SHEETS
- 34-42 TRAFFIC SIGN SUMMARY SHEETS
- 43 NON-YIELDING OBJECT APPROACH, SIGN, VEHICLE DETECTOR NOTES, and PAVEMENT MARKING DETAILS
- 44 CONSTRUCTION APPROACH SIGNING

VAOT STANDARDS

- | | | |
|--------|--|----------|
| C-3A | SIDEWALK RAMPS | 09-01-04 |
| C-3B | SIDEWALK RAMPS AND MEDIAN ISLANDS | 09-01-04 |
| D-3 | TREATED GUTTERS | 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 |
| E-100 | CONSTRUCTION APPROACH SIGNS | 01-02-04 |
| E-100A | SIDE ROAD CONSTRUCTION - APPROACH SIGNS | 01-02-04 |
| E-101 | CONSTRUCTION SIGN DETAILS | 05-30-03 |
| E-102 | CONSTRUCTION SIGN DETAILS | 06-30-03 |
| E-102A | CONSTRUCTION SIGN DETAILS | 05-01-04 |
| E-103 | MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY ONE LANE CLOSED | 03-01-04 |
| E-106 | TRAFFIC CONTROL - MISCELLANEOUS DETAILS | 03-01-04 |
| E-107 | DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS | 06-30-03 |
| E-107A | BREAKAWAY BARRICADE DETAILS | 08-08-95 |
| E-110 | MAJOR MAINTAINANCE OPERATION LANE CLOSURE | 08-08-95 |
| E-111 | MINOR MAINTAINANCE OPERATIONS | 03-11-97 |
| E-119 | UTILITY WORK ZONE | 03-01-04 |
| E-120 | STANDARD SIGN PLACEMENT - FREEWAY/EXPRESSWAY | 08-08-95 |
| E-121 | STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD | 08-08-95 |
| E-140 | REGULATORY SIGN DETAILS | 08-30-96 |
| E-141 | REGULATORY SIGN DETAILS | 09-20-95 |
| E-143 | REGULATORY SIGN DETAILS | 06-15-04 |
| E-144 | REGULATORY SIGN DETAILS | 03-29-99 |
| E-145A | REGULATORY SIGN DETAILS | 12-23-94 |
| E-145B | REGULATORY SIGN DETAILS | 12-23-94 |
| E-146 | REGULATORY SIGN DETAILS | 09-20-95 |
| E-150 | WARNING SIGN DETAILS | 05-01-04 |
| E-152 | WARNING SIGN DETAILS | 05-01-04 |
| E-153B | WARNING SIGN DETAILS | 05-30-03 |
| E-154 | WARNING SIGN DETAILS | 05-01-04 |
| E-160 | FLANGED CHANNEL STEEL SIGN POST | 05-20-99 |
| E-164 | SQUARE STEEL SIGN POSTS | 05-20-99 |
| E-172 | VEHICLE DETECTOR LOOP DETAILS | 08-09-95 |
| E-191 | PAVEMENT MARKING DETAILS | 02-01-99 |
| E-192 | PAVEMENT MARKING DETAILS | 10-12-00 |
| E-193 | PAVEMENT MARKING DETAILS | 08-18-95 |
| 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 |
| J-3 | MAILBOX SUPPORT DETAIL | 08-07-95 |

STATE OF VERMONT AGENCY OF TRANSPORTATION

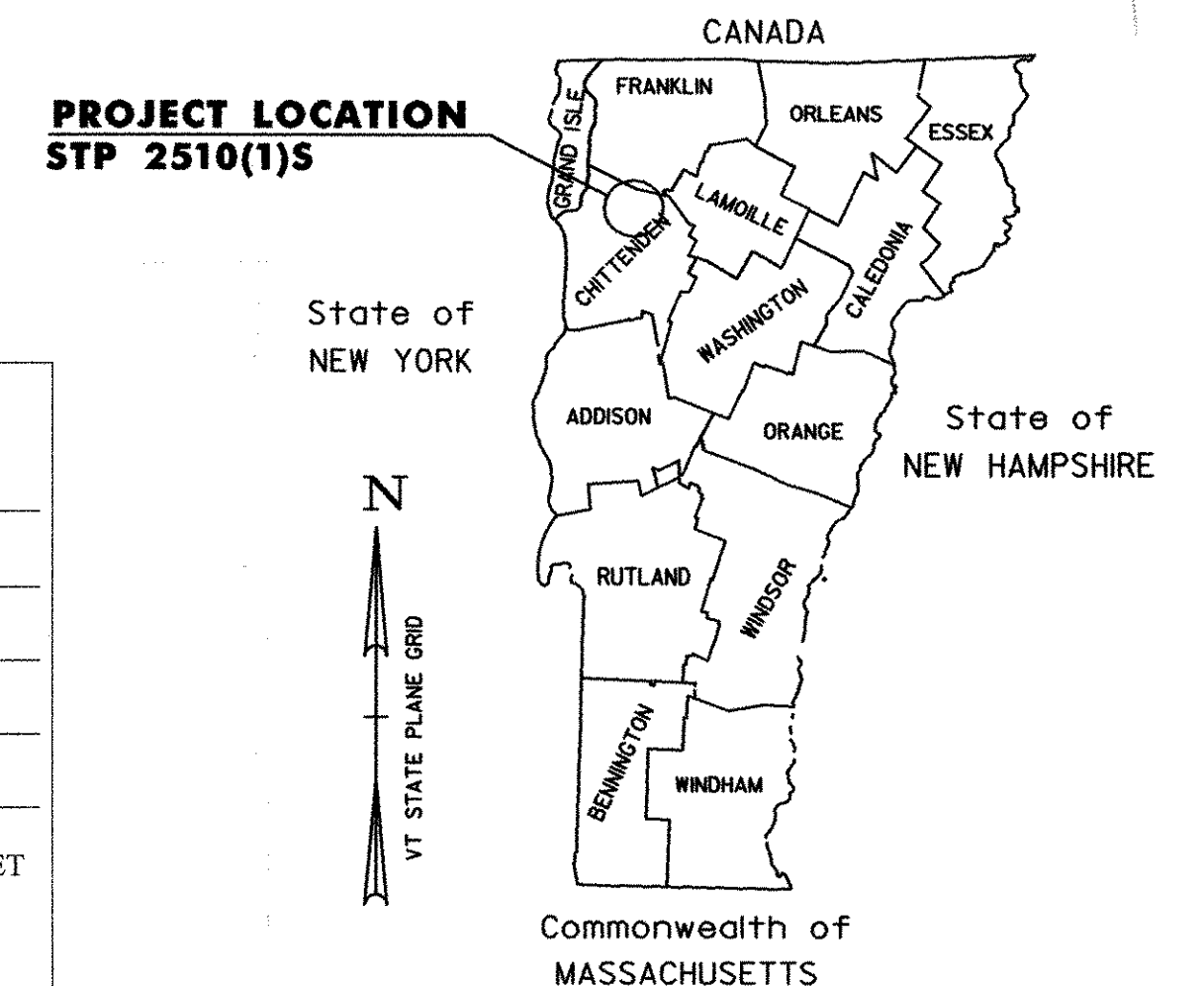
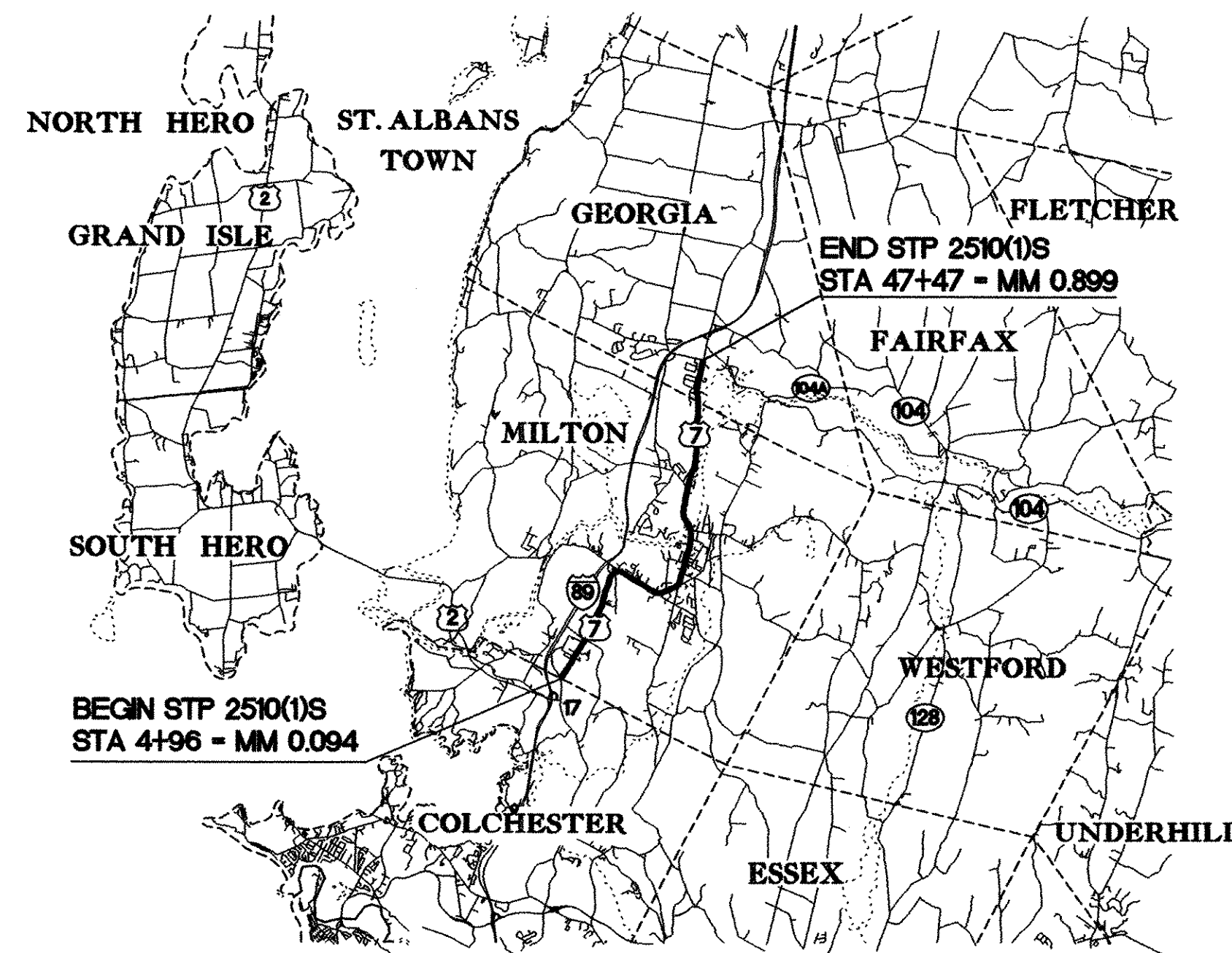


PROPOSED IMPROVEMENTS TOWNS OF MILTON AND GEORGIA COUNTIES OF CHITTENDEN and FRANKLIN US ROUTE 7

BEGINNING AT STATION 4+96 (MM 0.094) OF US ROUTE 7 IN THE TOWN OF MILTON AND EXTENDING NORTHERLY ALONG US ROUTE 7 THROUGH THE TOWN OF MILTON AND INTO THE TOWN OF GEORGIA FOR A DISTANCE OF APPROXIMATELY 45,593 FEET (8.635 MILES) TO THE END OF THE PROJECT AT STATION 47+47 (M.M. 0.899) IN THE TOWN OF GEORGIA.

STATION TO STATION DATA	LENGTH	
	(FEET)	(MILES)
TOWN OF MILTON STA 4+96 TO STA 413+42 (MM 0.094 TO MM 7.830)	40,846	7.736
TOWN OF GEORGIA STA 0+00 TO STA 47+47 (MM 0.000 TO MM 0.899)	4,747	0.899
PROJECT TOTALS	45,593	8.635

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RESURFACING OF THE EXISTING HIGHWAY WITH COLD PLANING & OVERLAY SECTIONS (LEVELING AND WEARING COURSE), NEW PAVEMENT MARKINGS, GUARD RAIL INSTALLATION, DRAINAGE IMPROVEMENTS AND INCIDENTAL ITEMS.



RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT

RESIDENT ENGINEER: DELVIN WARNER

CONSTRUCTION BEGAN: AUGUST 6, 2007

CONSTRUCTION COMPLETE: JULY 25, 2008

RECORD PLANS BY: DELVIN WARNER & C. PIERCE

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

By *Delvin Warner* RESIDENT ENGINEER

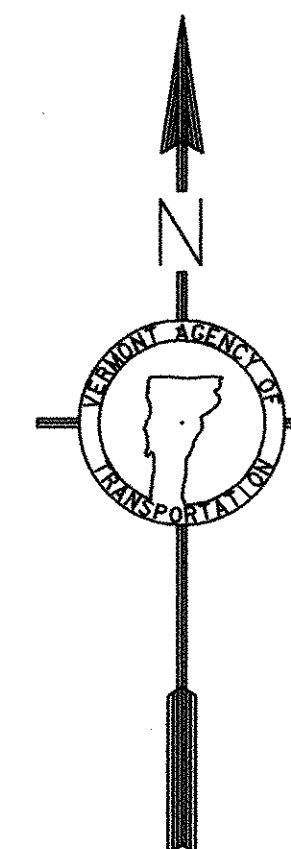
DATE 04/30/09

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.

TRAFFIC DATA

	ADT		DHV		ESAL'S (2007-2017)	ESAL'S (2007-2027)
	2007	2017	2007	2017		
BEGINNING OF PROJECT TO MAYO ROAD (MM 0.190)	10,700	11,400	1,200	1,300	1,283,000	2,967,000
MAYO ROAD (MM 2.61) TO CHERRY STREET (MM 3.83)	13,200	14,100	1,500	1,600	1,610,000	3,846,000
CHERRY STREET (MM 3.83) TO LAKE ROAD (MM 4.84)	8,500	9,000	950	1,000	1,032,000	2,452,000
LAKE ROAD (MM 4.84) TO SANDY BIRCH ROAD (MM 0.83)	4,800	5,500	540	620	838,000	2,006,000
SANDY BIRCH ROAD (MM 0.83) TO END OF PROJECT	7,900	9,000	880	1,000	1,375,000	3,280,000

MILTON - GEORGIA US ROUTE 7, MM 0.094 TO MM 0.899	
BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	1,923,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	PG 58-34



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.

CONVENTIONAL SIGNS

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

DATUM

VERTICAL	N/A
HORIZONTAL	N/A

BY: *[Signature]*

CIVIL ENGINEERING ASSOCIATES, INC.
 P.O. BOX 486 SHELBURNE, VT 05482
 802-985-2323 FAX: 802-985-2271 www.cea-vt.com

DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED <i>[Signature]</i>	DATE <u>4-4-07</u>
PROJECT MANAGER : WOOLLAVER	
PROJECT NAME : MILTON - GEORGIA	
PROJECT NUMBER : STP 2510(1)S	
SHEET 1 OF 44 SHEETS	