

STATE OF VERMONT AGENCY OF TRANSPORTATION

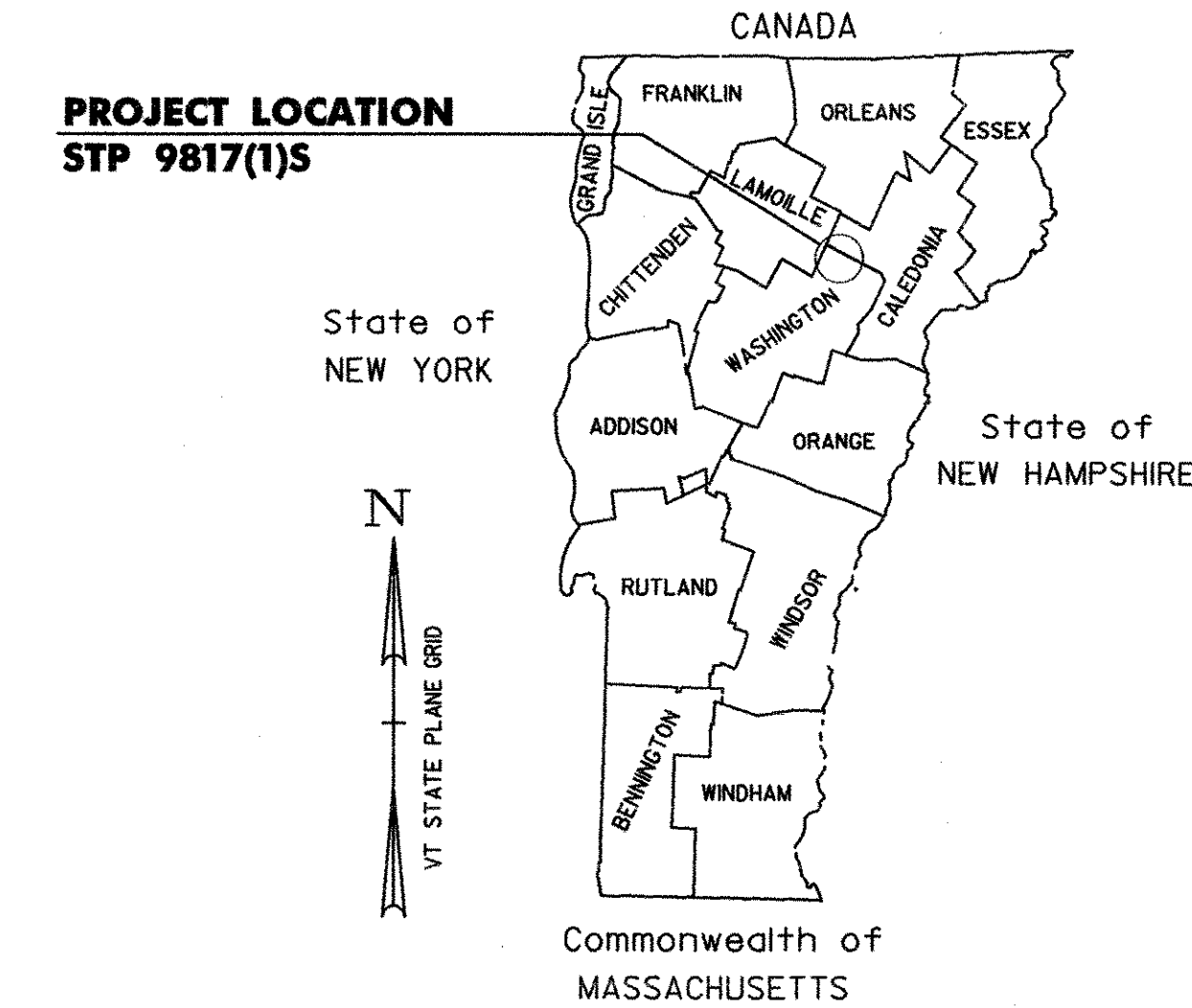
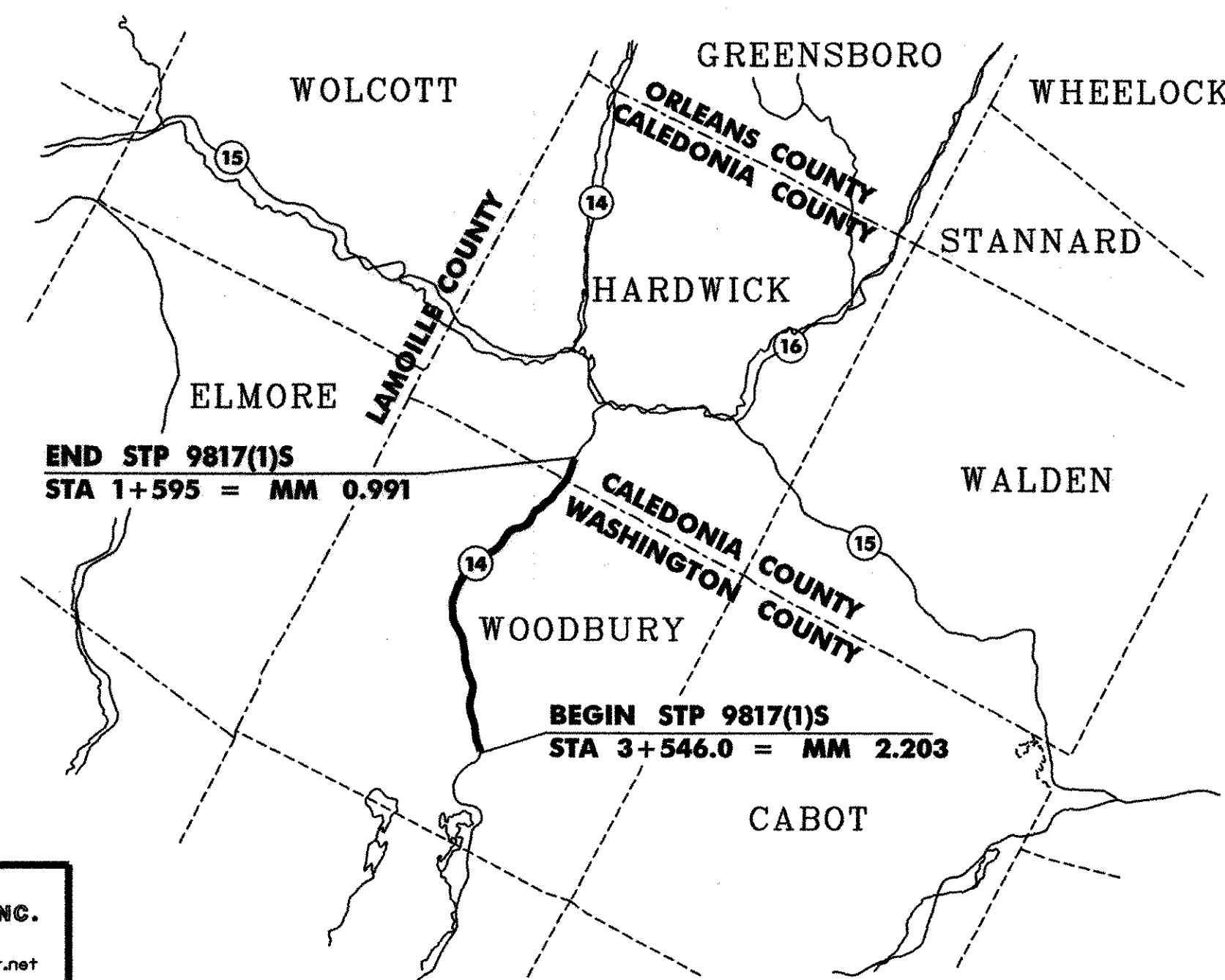


PROPOSED IMPROVEMENTS TOWNS OF WOODBURY AND HARDWICK COUNTIES OF WASHINGTON AND CALEDONIA VT ROUTE 14

BEGINNING IN THE TOWN OF WOODBURY AT STA 3+546.0 (MM 2.203) AND EXTENDING
NORTHERLY ALONG VT ROUTE 14 THROUGH THE TOWN OF WOODBURY AND INTO HARDWICK
FOR A DISTANCE OF APPROXIMATELY 10,426.9m (6.479 MILES) TO STA 1+595
(MM 0.991) IN THE TOWN OF HARDWICK

STATION TO STATION DATA	LENGTH (METERS)	(MILES)
TOWN OF WOODBURY STA 3+546.0 TO STA 12+377.9 (MM 2.203 TO MM 7.691)	8,831.9	5.488
TOWN OF HARDWICK STA 0+000 TO STA 1+595 (MM 0.000 TO MM 0.991)	1,595	0.991
PROJECT TOTALS	10,426.9	6.479

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



WOODBURY - HARDWICK	
BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	967,500
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	PG 58-34

TRAFFIC DATA

	ADT		DHV		ESAL'S (2000-2020)
	2000	2010	2000	2010	
VT ROUTE 14 TOWN OF WOODBURY STA 3+510 (MM 2.181) TO TOWN OF HARDWICK STA 1+593 (MM 0.990)	2580	3040	365	425	1,935,000

INDEX OF SHEETS

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25	CONSTRUCTION APPROACH SIGNING, NON-YIELDING OBJECT APPROACH AND BURIED END GUARD RAIL DETAILS

VAOT STANDARDS

D-6M	REINFORCED CONCRETE DROP INLET (DITCHES)	06-13-97
D-8M	REINFORCED CONCRETE DROP INLET	06-13-97
D-9M	REINFORCED CONCRETE DROP INLET	06-13-97
D-10M	REINFORCED CONCRETE DROP INLET	06-13-97
D-15M	CAST IRON GRATE (TYPE D)	06-13-97
E-100M	CONSTRUCTION APPROACH SIGNS	06-13-97
E-101M	CONSTRUCTION SIGN DETAILS	06-13-97
E-102M	CONSTRUCTION SIGN DETAILS	06-13-97
E-102AM	CONSTRUCTION SIGN DETAILS	06-13-97
E-106M	TRAFFIC CONTROL - MISCELLANEOUS DETAILS	06-13-97
E-107M	DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	06-13-97
E-107AM	BREAKAWAY BARRICADE DETAILS	06-13-97
E-108M	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS	06-13-97
E-110M	MAJOR MAINTAINANCE OPERATION LANE CLOSURE	06-13-97
E-111M	MAINTAINANCE OPERATION APPROACH SIGNS	02-17-98
E-119M	UTILITY WORK ZONE	06-13-97
E-120M	STANDARD SIGN PLACEMENT - FREEWAY/EXPRESSWAY	06-13-97
E-121M	STANDARD SIGN PLACEMENT - RURAL ROADS	06-13-97
E-141M	REGULATORY SIGN DETAILS	06-13-97
E-143M	REGULATORY SIGN DETAILS	06-13-97
E-146M	REGULATORY SIGN DETAILS	06-13-97
E-153M	WARNING SIGN DETAILS	06-13-97
E-160M	FLANGED CHANNEL STEEL SIGN POST	06-13-97
E-164M	SQUARE STEEL SIGN POSTS	06-13-97
E-191M	PAVEMENT MARKING DETAILS	06-13-97
E-192M	PAVEMENT MARKING DETAILS	06-13-97
E-193M	PAVEMENT MARKING DETAILS	06-13-97
G-1M	STEEL BEAM GUARD RAIL	06-13-97
G-IDM	STEEL BEAM GUARD RAIL	06-13-97
G-4M	YIELDING MARKER POSTS	06-13-97
G-17AM	MODIFIED ECCENTRIC LOADER TERMINAL w/WOOD POSTS (MELT)	06-13-97
G-17BM	MODIFIED ECCENTRIC LOADER TERMINAL w/WOOD POSTS (MELT)	06-13-97

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES - BERLIN, VT
 RESIDENT ENGINEER: D.W. HALE
 CONSTRUCTION BEGAN: AUGUST 9, 2000
 CONSTRUCTION COMPLETE: NOVEMBER 17, 2000
 RECORD PLANS BY: C. FIELDER & D.W. HALE

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

BY: *Donald W. Hale* RESIDENT ENGINEER
 DATE: 06-05-02

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

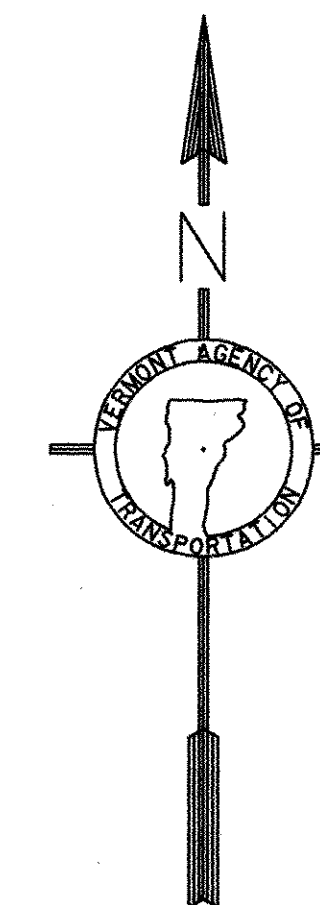
CONVENTIONAL SIGNS

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	----- SR
SLOPE RIGHTS	○-○-○-○
TOP OF CUT	△-△-△-△
TOE OF SLOPE	○-○-○-○

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

BY: *[Signature]*

CIVIL ENGINEERING ASSOCIATES, INC.
 P.O. BOX 456 SHELburnE, VT 05482
 802-985-2323 FAX: 802-985-2271 e-mail: ceac@together.net



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 PROJECT
DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE
WITH THESE PLANS AND THE STANDARD SPECIFICATIONS
FOR CONSTRUCTION DATED 1995, AS APPROVED BY THE
FEDERAL HIGHWAY ADMINISTRATION ON AUGUST 21, 1995
FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT
REVISIONS AND SUCH REVISED SPECIFICATIONS AND
SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE
PLANS.

/pave/97bl74/pbl74.dgn

APPROVED <i>[Signature]</i> DATE 3/1/00
DIRECTOR OF PROJECT DEVELOPMENT
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
APPROVED _____ DATE _____
DIVISION ADMINISTRATOR
PROJECT WOODBURY - HARDWICK
AC STP 9817(1)S
SHEET 1 OF 25 SHEETS