

INDEX OF SHEETS

1	TITLE SHEET
2-3	PROJECT TYPICAL SHEETS
4-5	QUANTITY SHEETS
6	ITEM DETAIL SUMMARY SHEET
7	DITCH CLEANING DETAIL SHEET
8-17	PAVING PROJECT LAYOUT SHEETS
18-22	SUPERELEVATION BANKING DIAGRAM SHEETS
23	TRAFFIC SIGN SUMMARY SHEET
24-25	BRIDGE DETAIL SHEETS
26	CONSTRUCTION APPROACH SIGNING

VAOT STANDARDS

B-1	BANKING TABLES	06-01-94
D-2	HEADWALL, UNDERDRAIN & CARRIER PIPE DETAILS	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 DETAILS	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-108	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS	08-18-95
E-110	MAJOR MAINTAINANCE OPERATION LANE CLOSURE	08-08-95
E-111	MAINTENANCE OPERATION APPROACH SIGNS	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 - RURAL ROADS	08-08-95
E-141	REGULATORY SIGN DETAILS	09-20-95
E-143	REGULATORY SIGN DETAILS	06-15-04
E-150	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-191	PAVEMENT MARKING DETAILS	02-01-99
E-193	PAVEMENT MARKING DETAILS	08-18-95
G-1	STEEL BEAM GUARD RAIL	01-03-00
G-1D	STEEL BEAM GUARD RAIL	01-03-00
G-4	YIELDING MARKER POSTS	06-01-94
G-19	GENERIC GRADING PLANS FOR GUARDRAIL END TERMINALS	11-15-02
SB-R6-82	BRIDGE RAIL - HEAVY DUTY STEEL BEAM	01-06-95

CONTRACT DATED MAY 11, 2006
CONTRACTOR: PIKE INDUSTRIES INC.
 249 GRANGER ROAD - BERLIN
 BARRE, VT 05641

CONSTRUCTION BEGAN JULY 21, 2006
SUPERINTENDENT: JOSEPH STARR
 PO BOX 256
 TROY, VT 05868

CONSTRUCTION COMPLETED OCT. 18, 2006
RESIDENT ENGINEER: DOUG BUMPS
 PO BOX 617
 DERBY, VT 05829

ANTICIPATED COMPLETION OCT. 13, 2006

SUB-CONTRACTORS:
 NICOM COATINGS CORP.
 NORTHERN VT TRAFFIC CONTROL
 L & D SAFETY MARKINGS
 RC CONTRACTORS INC.
 ADA TRAFFIC CONTROL INC.
 VT RECREATIONAL SURFACING & FENCING INC.

CONVENTIONAL SIGNS

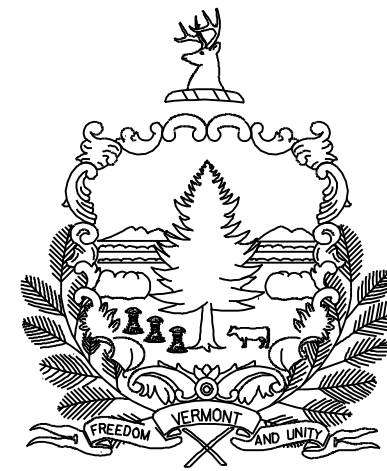
COUNTY LINE	----
TOWN LINE	- - - -
LIMITS OF ACCESS	○-○-○-○
POINT OF ACCESS	X
FENCE LINE	-x-x-x-
STONE WALL	○○○○○○○○○○
TRAVELED WAY	=====
GUARD RAIL	○-○-○-○
RAILROAD	
SURVEY LINE	+-----+
CULVERT	-----
POWER POLE	⊙
TELEPHONE POLE	⊙
TREES	⊙ ⊙
CONTROL OF ACCESS	---//---
PROPERTY LINE	-----
R.O.W. TAKING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

DATUM

VERTICAL	N/A
HORIZONTAL	N/A

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

STATE OF VERMONT AGENCY OF TRANSPORTATION



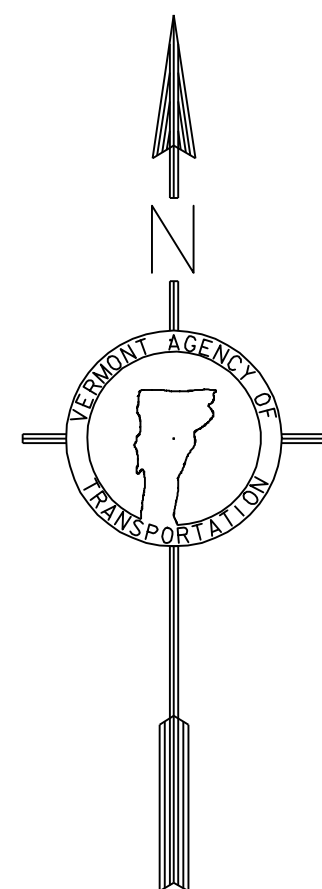
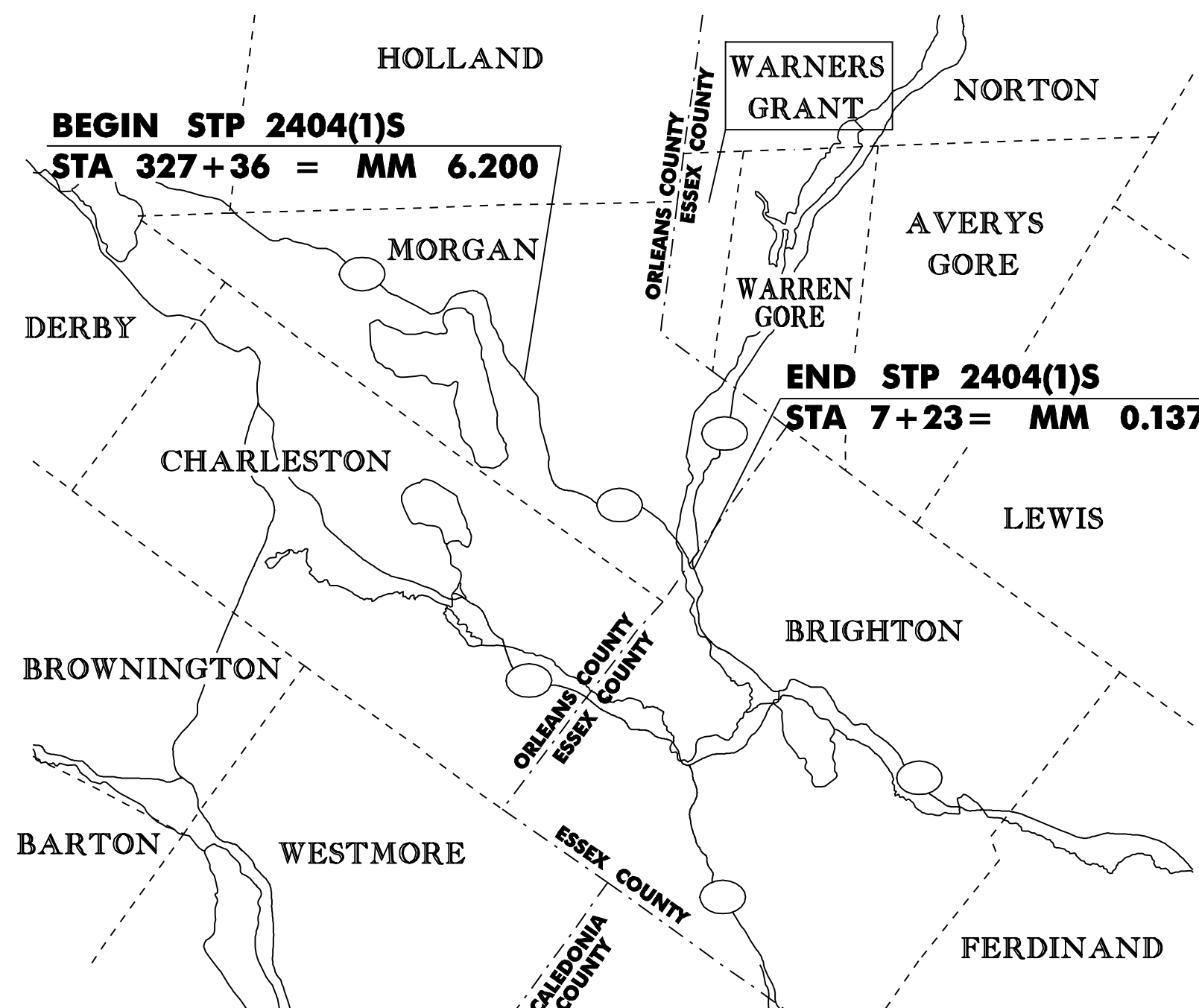
PROPOSED IMPROVEMENTS TOWNS OF MORGAN, AND BRIGHTON COUNTIES OF ORLEANS & ESSEX

VT ROUTE 111

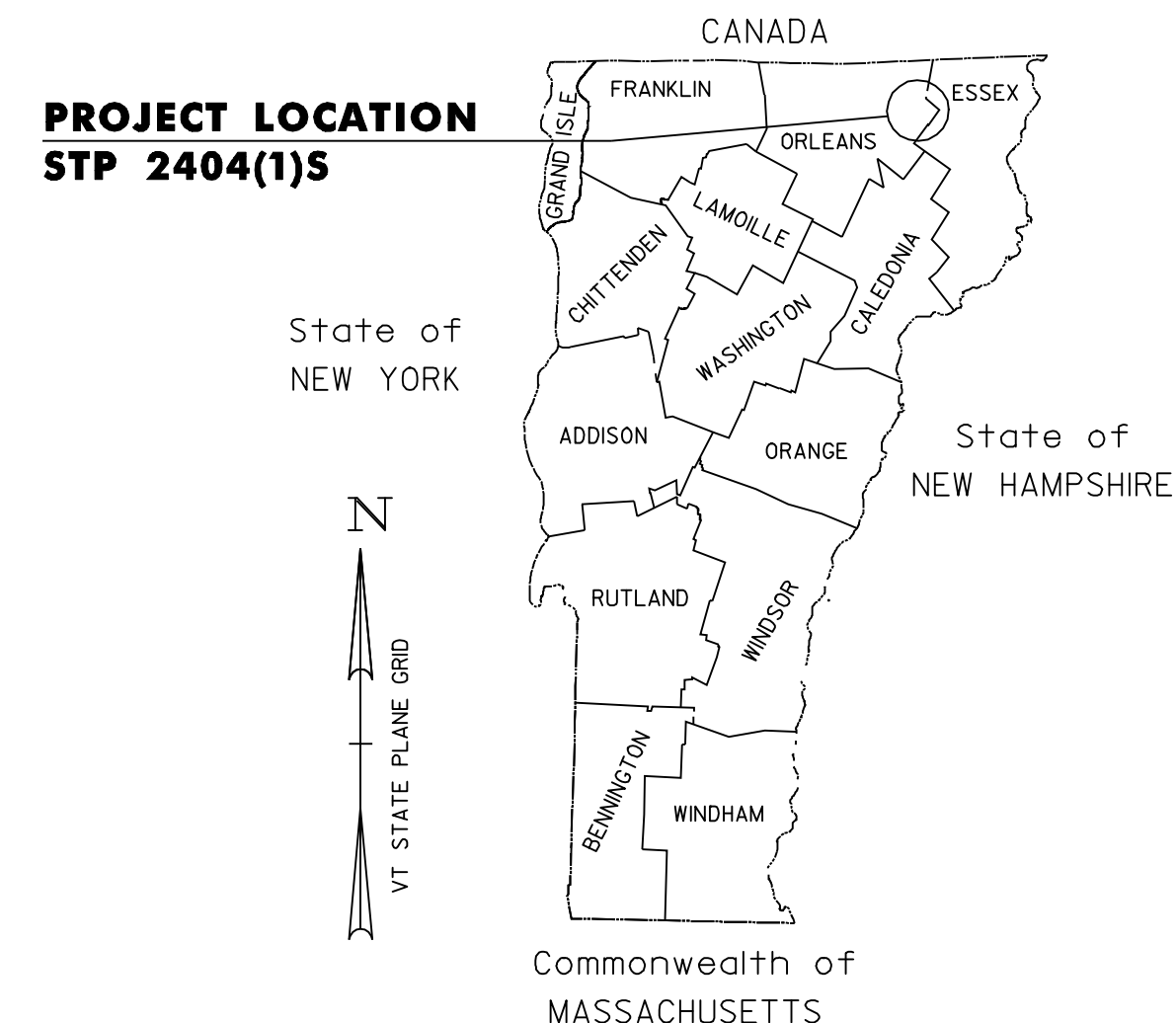
BEGINNING IN THE TOWN OF MORGAN AT STA 327+36 (MM 6.200)
 AND EXTENDING EASTERLY ALONG VT ROUTE 111 FOR A DISTANCE OF
 APPROXIMATELY 26,526 FEET (5.024 MILES) INTO THE TOWN OF BRIGHTON TO
 THE INTERSECTION OF VT ROUTES 111 & 114, STATION 7+23 (M.M. 0.137).

STATION TO STATION DATA	LENGTH (FEET)	(MILES)
TOWN OF MORGAN STA 327+36 TO STA 585+39 (MM 6.200 TO MM 11.087)	25,803	4.887
TOWN OF BRIGHTON STA 0+000 TO STA 7+23 (MM 0.000 TO MM 0.137)	723	0.137
PROJECT TOTALS	26,526	5.024

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.



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 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 4, 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.



TRAFFIC DATA

	ADT		DHV		ESAL'S (2006-2016)	ESAL'S (2006-2026)
	2006	2016	2006	2016		
MORGAN MM 6.200 (BEGIN PROJECT) TO BRIGHTON MM 0.137 (END PROJECT)	830	950	150	160	190,000	448,000

MORGAN - BRIGHTON VT ROUTE 111, MM 6.200 TO MM 0.137	
BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	224,000
DESIGN NUMBER OF GYRATIONS	50
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".

DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED _____	DATE _____
PROJECT MANAGER : WOOLAVER	
PROJECT NAME : MORGAN - BRIGHTON	
PROJECT NUMBER : STP 2404(1)S	
SHEET 1 OF 26 SHEETS	