

# STATE OF VERMONT AGENCY OF TRANSPORTATION

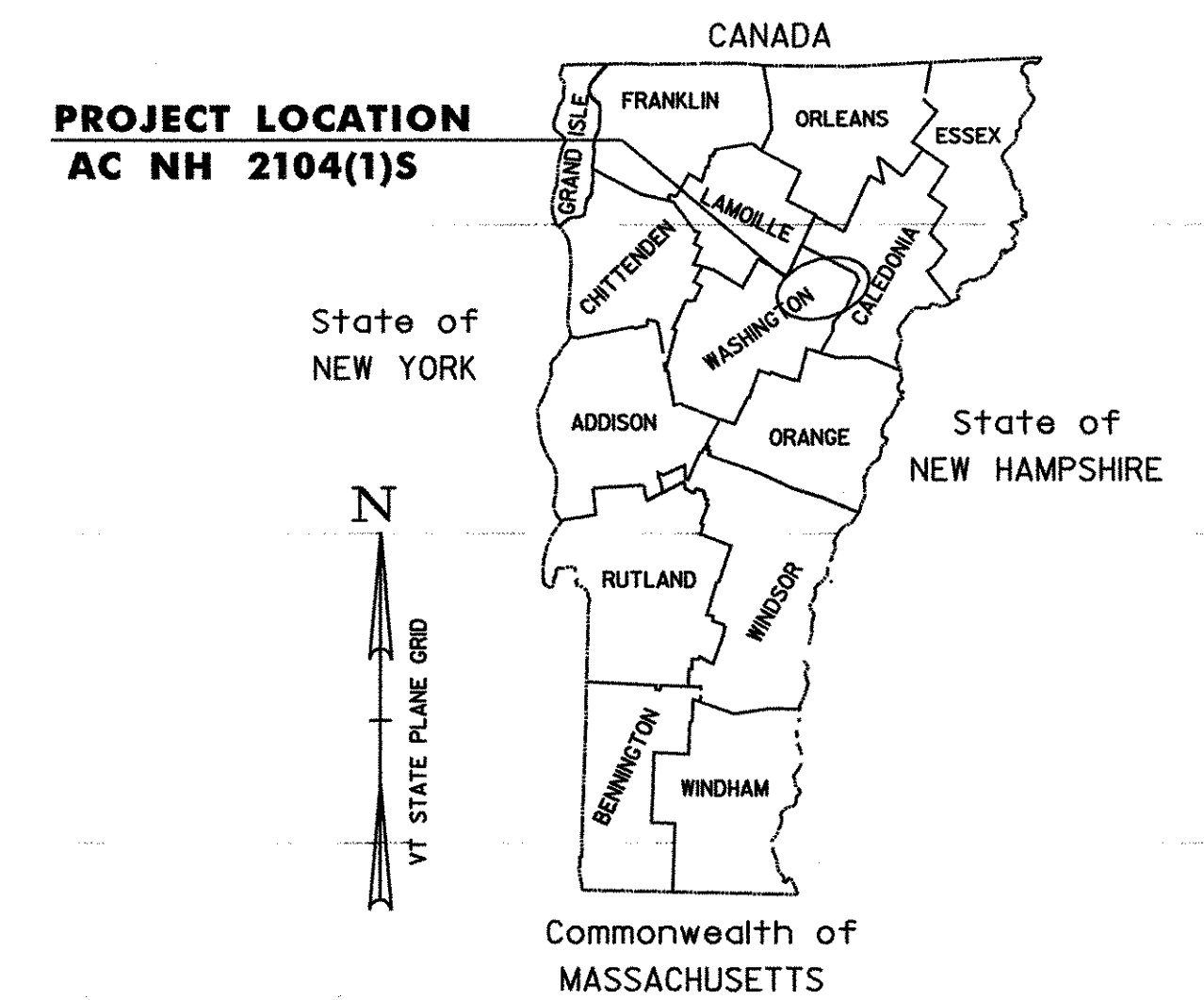
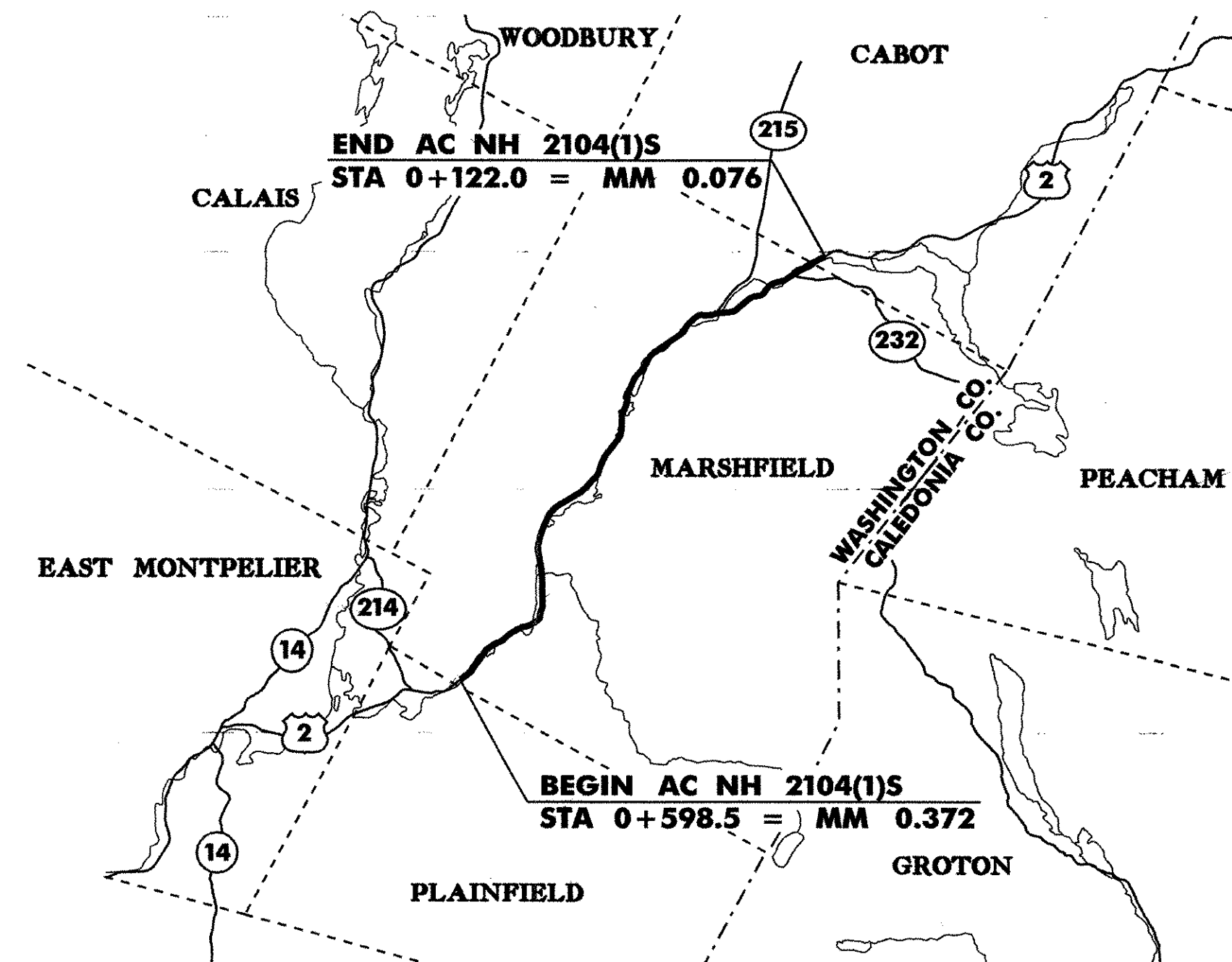


## PROPOSED IMPROVEMENTS TOWNS OF MARSHFIELD AND CABOT COUNTIES OF WASHINGTON US ROUTE 2

BEGINNING IN THE TOWN OF MARSHFIELD AT STA 0+598.5 (MM 0.372), AND EXTENDING EASTERLY ALONG US ROUTE 2 INTO THE TOWN OF CABOT FOR A DISTANCE OF 12,728.0 METERS (7,909 MILES) TO STA 0+122.0 (MM 0.076) IN THE TOWN OF CABOT.

STATION TO STATION DATA	LENGTH	
	(METERS)	(MILES)
TOWN OF MARSHFIELD		
STA 0+598.5 TO STA 13+204.5 (MM 0.372 TO MM 8.205)	12,606.0	7.833
TOWN OF CABOT		
STA 0+000 TO STA 0+122.0 (MM 0.000 TO MM 0.076)	122.0	0.076
<b>PROJECT TOTALS</b>	<b>12,728.0</b>	<b>7.909</b>

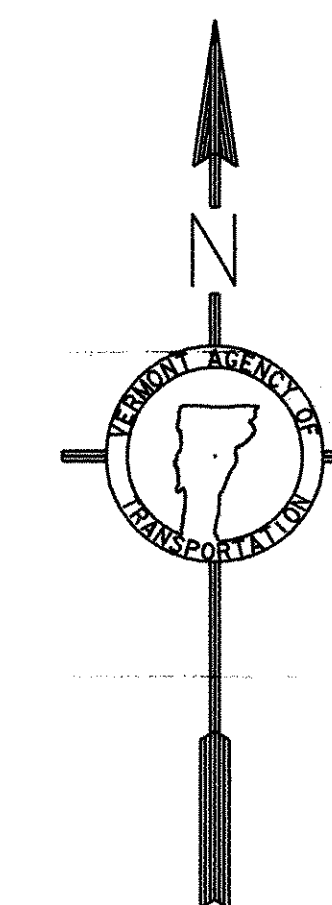
WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RECLAIMING SECTIONS AND RESURFACING OF THE EXISTING HIGHWAY WITH A COMBINATION OF LEVELING, BASE, AND WEARING COURSES, NEW PAVEMENT MARKINGS, GUARD RAIL INSTALLATION, DRAINAGE IMPROVEMENTS AND INCIDENTAL ITEMS



### TRAFFIC DATA

	ADT		DHV		ESAL'S (2005-2015)	ESAL'S (2005-2025)
	2005	2015	2005	2015		
BEGINNING OF PROJECT TO VT 215 (CABOT ROAD)	5,700	6,600	640	740	1,679,000	4,500,000
VT 215 (CABOT ROAD) TO END OF PROJECT	4,100	4,800	650	740	1,599,000	4,291,000

MARSHFIELD - CABOT US ROUTE 2, MM 0.372 TO MM 0.076	
BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	2,250,000
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 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.



DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATOR	
APPROVED _____	DATE _____
DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED <i>[Signature]</i>	DATE 10-5-05
PROJECT MANAGER : <b>WOOLAVER</b>	
PROJECT NAME : <b>MARSHFIELD - CABOT</b>	
PROJECT NUMBER : <b>AC NH 2104 (1) S</b>	
(READVERTISED)	
SHEET 1 OF 60 SHEETS	

### INDEX OF SHEETS

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5-7	QUANTITY SHEETS
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52-58	BRIDGE DETAIL SHEETS
59	NON-YIELDING OBJECT & BURIED END GUARD RAIL DETAILS
60	CONSTRUCTION APPROACH SIGNING SHEET

### VAOT STANDARDS

C-1M	TREATED TIMBER CURB	01-03-00
D-2M	UNDERDRAIN CONSTRUCTION DETAILS	06-13-97
D-3M	TREATED GUTTERS	06-13-97
D-6M	REINFORCED CONCRETE DROP INLET	06-13-97
D-10M	TOP FOR DROP INLET	06-13-97
D-15M	CAST IRON GRATE WITH FRAME, TYPES D AND E	06-13-97
E-100	CONSTRUCTION APPROACH SIGNS	01-02-04
E-100A	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	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 MAINTENANCE 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-123	GUIDE SIGN PLACEMENT AND MISCELLANEOUS DETAILS	03-16-04
E-124	TOWN LINE SIGNS	08-08-95
E-125	TRAVEL INFORMATION COUNCIL SIGNS	08-08-95
E-127	ROUTE MARKINGS AT RURAL INTERSECTIONS	08-08-95
E-128A	VILLAGE SIGNS A-M	08-08-95
E-128B	VILLAGE SIGNS N-W	08-08-95
E-132	GENERAL MOTORIST SERVICES SIGN DETAILS	08-18-95
E-134	BRIDGE NUMBER PLAQUE	08-08-95
E-136A	U.S. ROUTE MARKER - SIGN DETAILS	08-08-95
E-136B	STATE ROUTE MARKER - SIGN DETAILS	08-08-95
E-136C	STATE NUMBERED TOWN HIGHWAYS - SIGN DETAILS	08-08-95
E-138	MILE MARKER SIGN DETAILS	05-30-03
E-140	REGULATORY SIGN DETAILS	08-30-96
E-141	REGULATORY SIGN DETAILS	09-20-95
E-142	REGULATORY SIGN DETAILS	09-20-95
E-143	REGULATORY SIGN DETAILS	06-15-04
E-145A	REGULATORY SIGN DETAILS - LANE USE CONTROL SIGNS	12-23-94
E-151	WARNING SIGN DETAILS	05-01-04
E-152	WARNING SIGN DETAILS	05-01-04
E-153	WARNING SIGN DETAILS	05-01-04
E-154	WARNING SIGN DETAILS	05-01-04
E-155	WARNING SIGN DETAILS	05-01-04
E-160	FLANGED CHANNEL STEEL SIGN POST	05-20-99
E-164	SQUARE STEEL SIGN POST	05-20-99
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-1M	STEEL BEAM GUARD RAIL	01-03-00
G-1DM	STEEL BEAM GUARD RAIL	01-03-00
G-4M	YIELDING MARKER POSTS	06-13-97
G-19M	GENERIC GRADING PLANS FOR GUARDRAIL END TERMINAL	11-15-02

NOTICE: THE METRIC VERSIONS OF THE VAOT 'E' SERIES STANDARDS ARE NOT CURRENTLY BEING KEPT UP TO DATE. THE ENGLISH VERSIONS OF THESE STANDARDS ARE SUBSTITUTED FOR THE METRIC VERSIONS REFERENCED IN THESE PLANS.

### RECORD PLANS

CONTRACTOR:	PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER:	CARL FIELDER
CONSTRUCTION BEGAN:	APRIL 17, 2006
CONSTRUCTION COMPLETE:	NOVEMBER 28, 2006
RECORD PLANS BY:	CARL FIELDER & C. PIERCE

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

BY *[Signature]* RESIDENT ENGINEER

DATE *April 14, 2006*

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.

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

**CIVIL ENGINEERING ASSOCIATES, INC.**  
P.O. BOX 488   SHELburnE, VT 05482  
802-985-2325   FAX: 802-985-2271   e-mail: metro@cea-vt.com