

INDEX OF SHEETS  
SEE SHEET 2

TRAFFIC DATA

US ROUTE 4	
US 5 TO NH STATE LINE	
2009	ADT = 13,600
2009	DHV = 1,400
2019	ADT = 15,000
2019	DHV = 1,600
2009-2019	ESALS = 2,376,000
2009-2029	ESALS = 6,208,000
VT ROUTE 14	
US 5 TO UNION ST	
2009	ADT = 4,200
2009	DHV = 490
2019	ADT = 4,700
2019	DHV = 540
2009-2019	ESALS = 953,000
2009-2029	ESALS = 2,200,000
UNION ST TO CHRISTIAN ST	
2009	ADT = 3,900
2009	DHV = 450
2019	ADT = 4,400
2019	DHV = 510
2009-2019	ESALS = 375,000
2009-2029	ESALS = 892,000
CHRISTIAN ST TO END OF PROJECT	
2009	ADT = 4,600
2009	DHV = 530
2019	ADT = 5,200
2019	DHV = 590
2009-2019	ESALS = 886,000
2009-2029	ESALS = 2,349,000

STATE OF VERMONT  
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT  
TOWN OF HARTFORD  
COUNTY OF WINDSOR  
US ROUTE 4 & VT ROUTE 14

US ROUTE 4: BEGINNING IN HARTFORD ON US ROUTE 4 AT THE INTERSECTION OF US ROUTE 5 AND VT ROUTE 14 AT STATION 493+90.00 (MM 9.354) AND EXTENDING EASTERLY A DISTANCE OF 1252.00 FEET (0.237 MILES) TO STATION 506+42.00 (MM 9.591) IN HARTFORD.

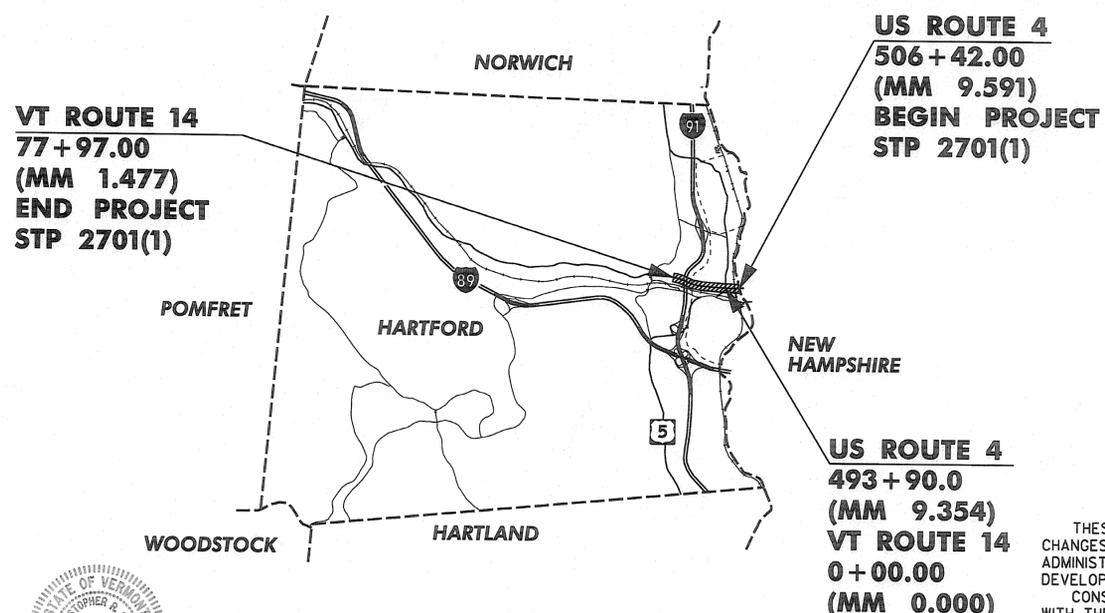
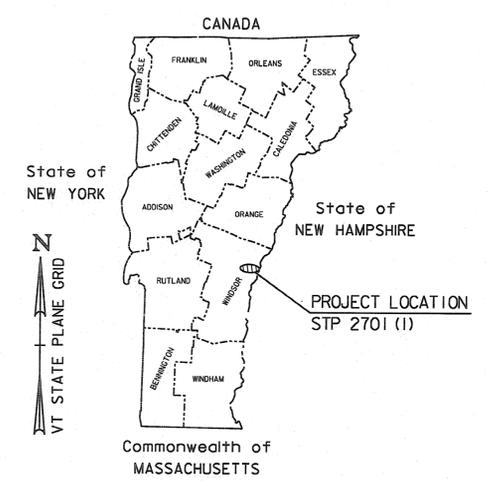
VT ROUTE 14: BEGINNING IN HARTFORD ON VT ROUTE 14 AT THE INTERSECTION OF US ROUTE 5 AND US ROUTE 4 AT STATION 0+00.00 (MM 0.000) AND EXTENDING NORTHERLY ALONG VT ROUTE 14 A DISTANCE OF 7,797.00 FEET (1.477 MILES) TO STATION 77+97.00 (MM 1.477).

PROJECT DATA

FROM TO  
US ROUTE 4 - 493+90.00 (MM 9.354) 506+42.00 (MM 9.591)  
LENGTH OF ROADWAY US ROUTE 4 = 1252.00 FEET (0.237 MILES)  
VT ROUTE 14 - 0+00.00 (MM 0.000) 77+97.00 (MM 1.477)  
LENGTH OF ROADWAY VT ROUTE 14 = 7,797.00 FEET (1.477 MILES)  
LENGTH OF PROJECT = 9,049.00 FEET (1.714 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING OF THE EXISTING HIGHWAY WITH A LEVELING COURSE, WEARING COURSE, NEW PAVEMENT MARKINGS, GUARDRAIL, SIGNS AND INCIDENTAL ITEMS AS SHOWN IN THE PROJECT QUANTITIES.

BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA		
	US 4	VT 14
DESIGN LANE/DESIGN LIFE ESAL	3,104,000	1,174,500
DESIGN NUMBER OF GYRATIONS	75	75
PERFORMANCE GRADED ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS	



RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT

RESIDENT ENGINEER: CHRIS BARKER

CONSTRUCTION BEGAN: JUNE 8, 2009

CONSTRUCTION COMPLETE: OCTOBER 5, 2009

RECORD PLANS BY: CHRIS BARKER & C. PIERCE

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

BY: *Chris Barker* RESIDENT ENGINEER

DATE: 05/19/10

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 SYMBOLS

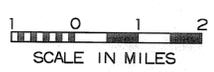
COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
STONE WALL	
TRAVELED WAY	
GUARD RAIL	
RAILROAD	
SURVEY LINE	
CULVERT	
POWER POLE	
TELEPHONE POLE	
TREES	
CONTROL OF ACCESS	
PROPERTY LINE	
R.O.W. TAKING LINE	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	

DATUM

VERTICAL	N/A
HORIZONTAL	N/A

**CONSULTING ENGINEERS**

540 Commercial Street  
Manchester, NH 03101  
Tel: (603) 668-8223  
Fax: (603) 668-8802  
email: cde@cdengineering.com  
Maine • New Hampshire • Vermont



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.

UNLESS OTHERWISE NOTED, ALL DRAWINGS AND DETAILS OF THE PROJECT PLANS ARE NOT TO SCALE

DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED: <i>Richard J. Stewart</i>	DATE: 3-10-09
PROJECT MANAGER:	TED DOMEY
PROJECT NAME :	HARTFORD
PROJECT NUMBER :	STP 2701 (1)
SHEET 1 OF 42 SHEETS	

















































































