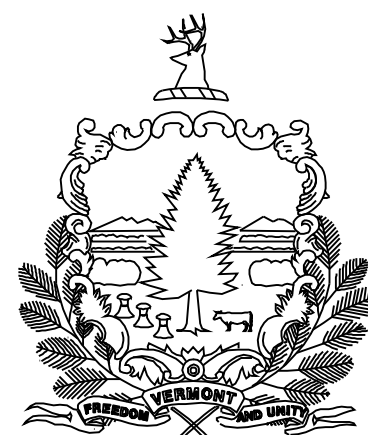


STATE OF VERMONT AGENCY OF TRANSPORTATION



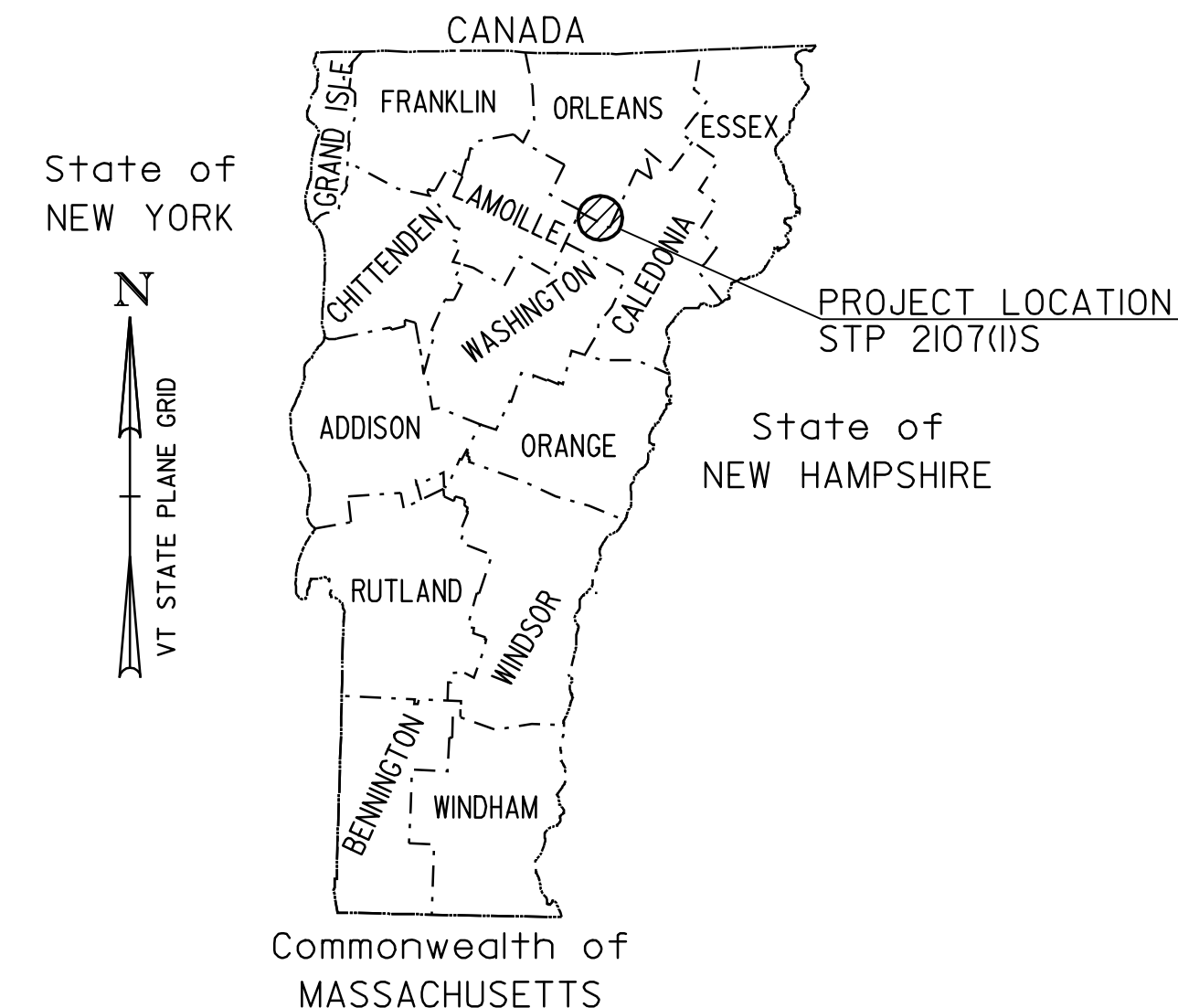
PROPOSED IMPROVEMENT TOWNS OF BARTON & IRASBURG COUNTY OF ORLEANS US ROUTE 5 & VT RTE. 58

BEGINNING IN BARTON ON US ROUTE 5 AT STATION ~~9+630.77~~ (MM ~~5.984~~) AND EXTENDING 9 + 615 (MM 5.974) NORTHERLY ALONG US ROUTE 5 A DISTANCE OF ~~8-228.16~~ METERS (~~5.113~~ MILES) TO STATION 8243.93 METERS (5.123 MILES) 0+526 (MM 0.327) IN IRASBURG. ALSO INCLUDED IN THIS PROJECT IS A PORTION OF VT RTE 58 IN BARTON STA 0+000 ~ 0+252 (MM 0.00 TO ~~0.156~~).
0+284 0.176

PROJECT DATA

FROM 9+615 5.974 TO 9+630.77 5.984
BARTON STA 9+630.77 (MM 5.984) IRASBURG STA 0+526 (MM 0.327)
LENGTH OF ROADWAY (US RTE. 5) = ~~8-236.23~~ METERS (~~5.118~~ MILES) 8 243.93 5.123
(VT RTE. 58) = ~~252.00~~ METERS (~~0.156~~ MILES) 284.00 0.176
LENGTH OF PROJECT = ~~8-488.23~~ METERS (~~5.274~~ MILES) 8 527.93 5.299

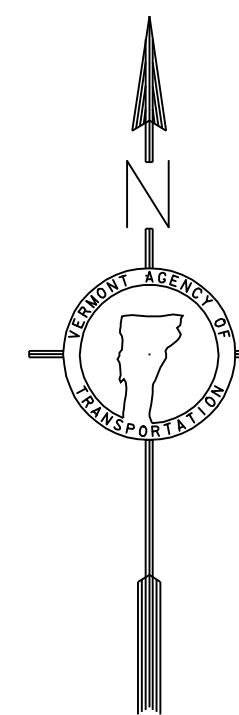
WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RESURFACING, AND COLD PLANING OF THE EXISTING HIGHWAY WITH A LEVELING COURSE, WEARING COURSE, NEW PAVEMENT MARKINGS, GUARDRAIL, SIGNS AND INCIDENTAL ITEMS, AS SHOWN IN THE PROJECT QUANTITIES. ALSO INCLUDED IS RECONSTRUCTION OF A PORTION OF US RTE. 5 FROM STA. 17+178.74 IN BARTON TO STA. 0+81.52 IN IRASBURG.



BARTON	
BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	437,500
DESIGN NUMBER OF CYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	PG 58-34

TRAFFIC DATA

	ADT		DHV		ESAL'S (2002-2012)	ESAL'S
	2002	2012	2002	2012		
MM 5.984 - MM 10.477	2100	2500	470	520	363,000	



RECORD PLANS
BARTON-IRASBURG AC STP 2107(1)S
CONTACTOR-PIKE IND. INC.
RESIDENT ENGINEER-KEVIN McCLURE
CONSTRUCTION BEGAN: JULY 25, 2005
CONSTRUCTION COMPLETE: JUNE 8, 2006

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

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.

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.

APPROVED _____ DATE _____	DIRECTOR OF PROGRAM DEVELOPMENT
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED _____ DATE _____	DIVISION ADMINISTRATOR
PROJECT	BARTON-IRASBURG STP 2107(1)S
SHEET 1 OF 49 SHEETS	

CONVENTIONAL SIGNS

COUNTY LINE	---
TOWN LINE	- - - -
LIMITS OF ACCESS	○-○-○-○
POINT OF ACCESS	X
FENCE LINE	-x-x-x-
STONE WALL	○-○-○-○
TRAVELED WAY	---
GUARDRAIL	○-○-○-○
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	○

UNLESS OTHERWISE INDICATED, THE DRAWINGS AND DETAILS OF THESE PLANS ARE NOT TO SCALE.

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A
HORIZONTAL CONTROL (STATIONS)	
WAS SET BY HOLDING THE ROUTE LOG STATIONING AT PROJECT CONTROL POINTS.	

METRIC PLANS
PREPARED BY:

