

# STATE OF VERMONT AGENCY OF TRANSPORTATION

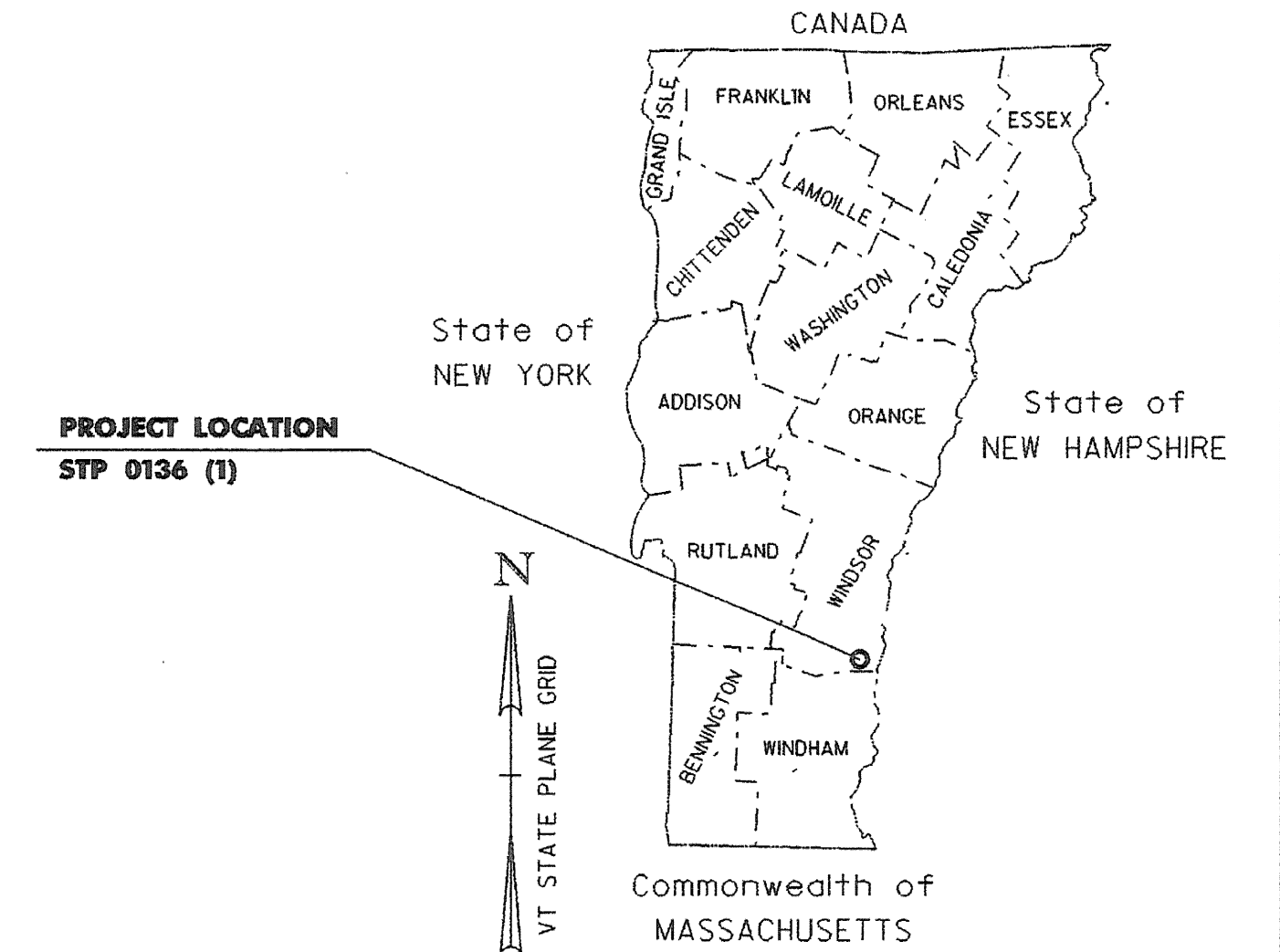


## PROPOSED IMPROVEMENT TOWN OF SPRINGFIELD COUNTY OF WINDSOR STATE NUMBERED ROUTE 143, CLASS II TOWN HIGHWAY

BEGINNING AT STATION 63+00 (MM 1.00) ON TOWN HIGHWAY 143 IN THE TOWN OF SPRINGFIELD  
AND EXTENDING EASTERLY FOR A DISTANCE OF 25064 FEET (4.747 MILES) TO THE END OF THE  
PROJECT AT STATION 313+63.61 (MM 5.75) AND THE U.S. ROUTE 5 INTERSECTION.

LENGTH OF PROJECT = 25064 FEET = 4.747 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RECLAIMING, COLD PLANING  
AND RESURFACING, NEW PAVEMENT MARKINGS, GUARDRAIL, SIGNS, AND OTHER RELATED ITEMS.



**TRAFFIC DATA**

HIGHWAY SECTION	ADT		DHY		%T		%D		ADTI		FLEXIBLE ESALs	
	2008	2028	2008	2028	2008	2028	2008	2028	2008	2028	(08-28)	(08-48)
HARTNESS STREET TO MAPLE DELL ROAD	1000	1300	110	150	5.3	8.1	54	54	50	100	258,000	639,000
MAPLE DELL ROAD TO EUREKA RD	880	1100	100	120	5.1	8.1	55	55	40	80	192,000	478,000
EUREKA ROAD TO US ROUTE 5	510	630	55	70	7.2	12.1	59	59	30	60	109,000	278,000

**MAJOR COLLECTOR - TOWN HIGHWAY**

BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	152,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADE ASPHALT BINDER	SEE PROJECT GENERAL SPECIAL PROVISIONS SECTION 490

**END STP 0136(1)**  
**MM 5.75 = 313+63.61**

RECORD PLANS	
CONTRACTOR:	LANE CONSTRUCTION CORP. - MERIDAN, CT
RESIDENT ENGINEER:	DAN BREER
CONSTRUCTION BEGAN:	APRIL 20, 2009
CONSTRUCTION COMPLETE:	OCTOBER 28, 2009
RECORD PLANS BY:	DAN BREER & CHIP PIERCE
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY:	<i>D. Breer</i> RESIDENT ENGINEER
DATE:	3/17/10
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.	

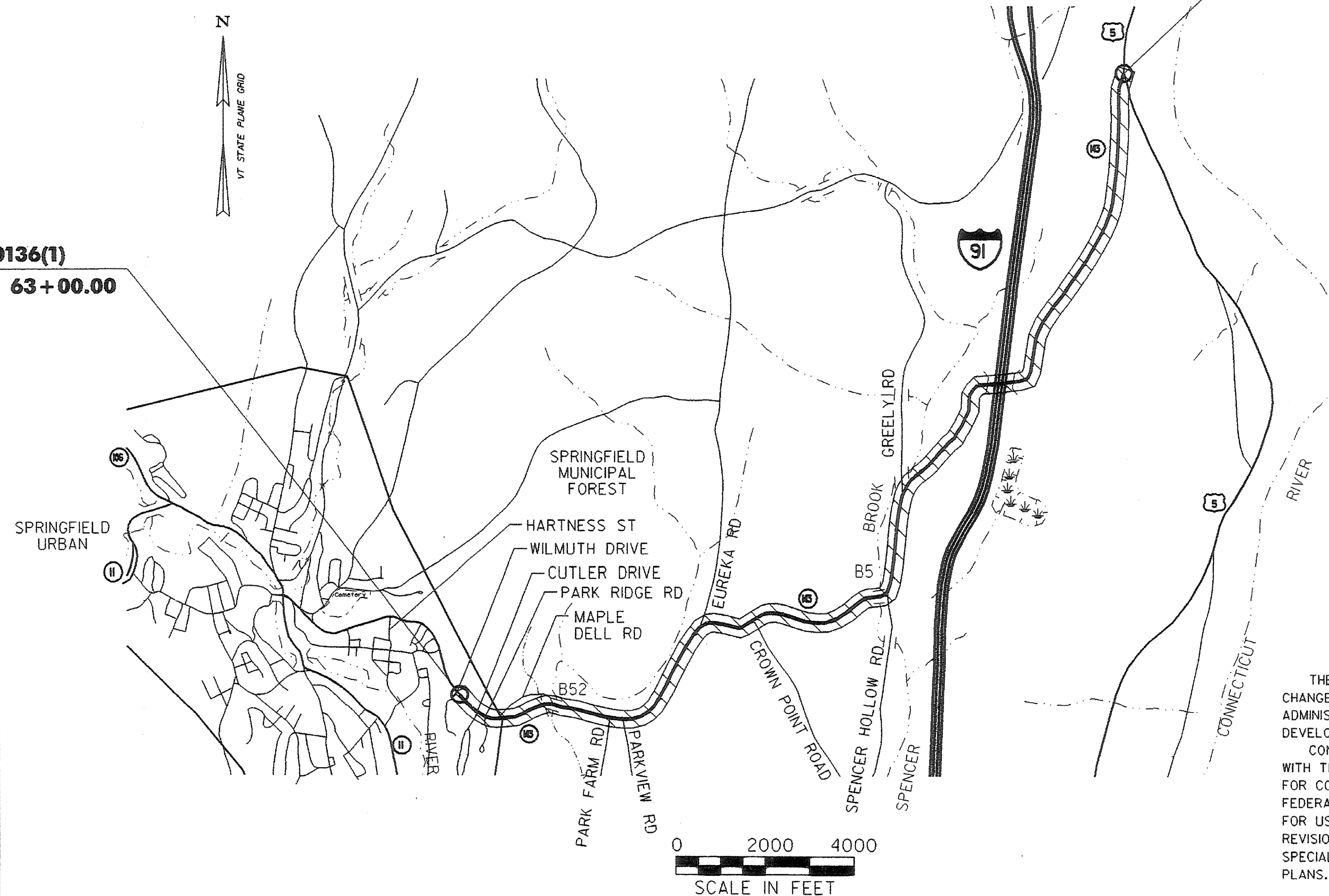
**CONVENTIONAL SYMBOLS**

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	

SURVEYED BY : R. GILMAN  
SURVEYED DATE : OCTOBER 31, 2005

DATUM  
VERTICAL : NAVD 88  
HORIZONTAL : NAD 83 (96)

**BEGIN STP 0136(1)**  
**MM 1.00 = 63+00.00**



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.

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.	
DIRECTOR OF PROGRAM DEVELOPMENT	APPROVED: <i>Peter Johnson</i> DATE 12-30-08
PROJECT MANAGER :	K. UPMAL
PROJECT NAME :	SPRINGFIELD
PROJECT NUMBER :	STP 0136 (1)
SHEET 1 OF 68 SHEETS	