

# STATE OF VERMONT AGENCY OF TRANSPORTATION

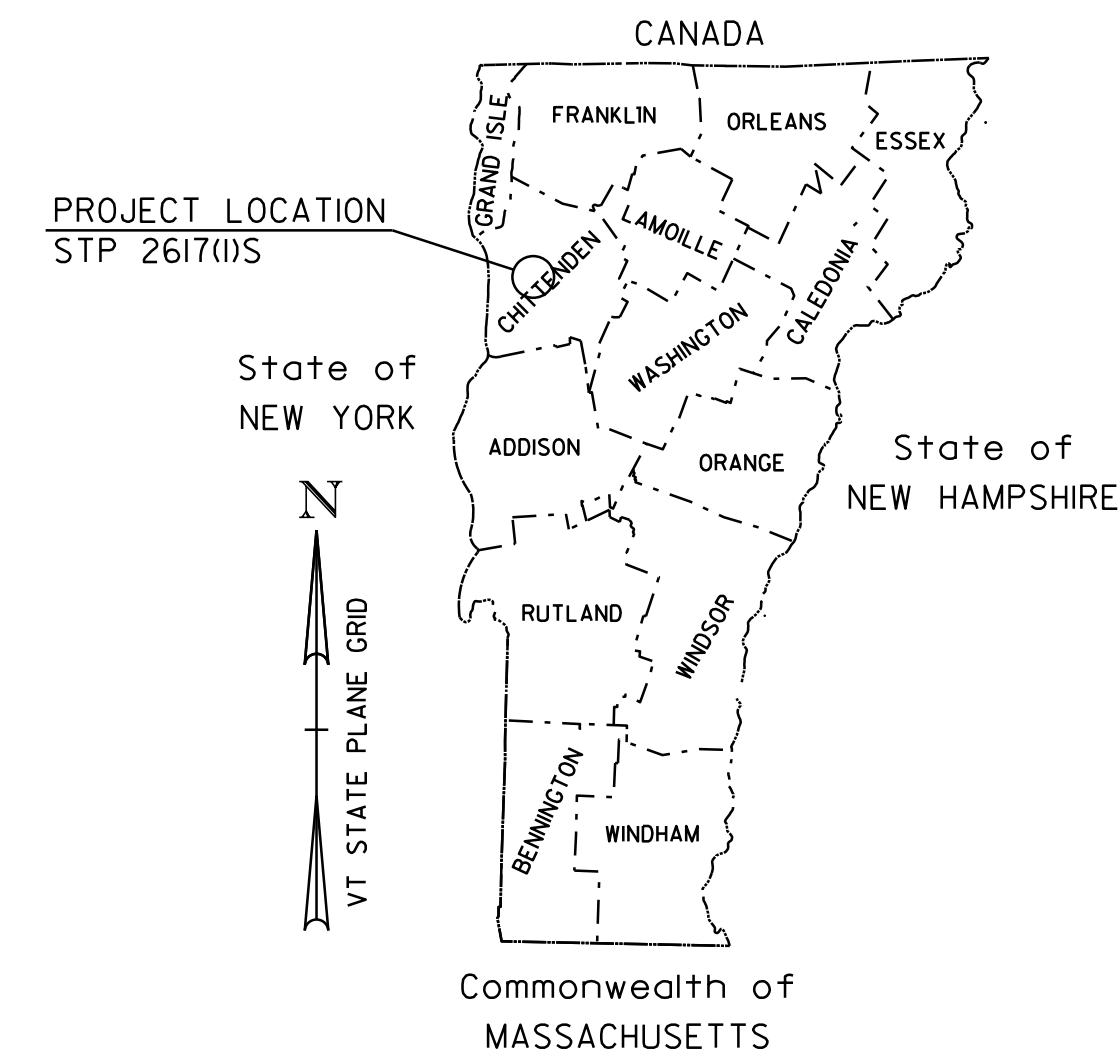


## PROPOSED IMPROVEMENT CITY OF WINOOSKI COUNTY OF CHITTENDEN U.S. ROUTE 7 & VT ROUTE 15

BEGINNING IN THE TOWN OF WINOOSKI AT MILE MARKER 0.227 = STA. 12+01.05 AND EXTENDING EASTERLY ALONG VT ROUTE 15 FOR A DISTANCE OF 2,797.95 FT (0.530 MILES) TO AN ENDING POINT AT THE WINOOSKI-COLCHESTER TOWN LINE (MILE MARKER 0.757 = STA. 39+99.00). THE ROUTE 7 PORTION BEGINS AT MM. 0.045 = STA. 2+36.07 AND EXTENDS NORTHERLY ALONG U.S. ROUTE 7 FOR A DISTANCE OF 1,155.42 FT, ENDING AT MM. 0.264 = STA. 13+91.49

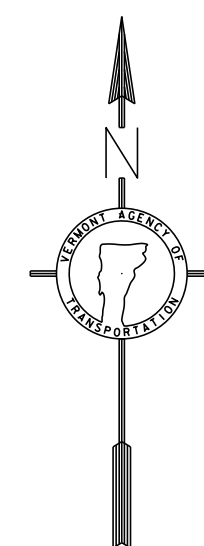
STATION TO STATION DATA	LENGTH (FT)	LENGTH (MILES)
CITY OF WINOOSKI, VT ROUTE 15 STA. 12+01.05 TO STA. 39+99.00 (MM 0.227 TO MM 0.757)	= 2,797.95	0.5299
CITY OF WINOOSKI, U.S. ROUTE 7 STA. 2+36.07 - STA. 13+91.49 (MM 0.045 TO MM 0.264)	= 1,155.42	0.219
TOTAL LENGTH OF PROJECT =	3,953.37	0.749
TOTAL LENGTH OF ROADWAY =	3,953.37	0.749

WORK TO BE PERFORMED UNDER THE ROUTE 15 PORTION OF THIS PROJECT INCLUDES COLD PLANING, RESURFACING WITH A LEVELING COURSE AND WEARING COURSE, PAVEMENT MARKINGS, GUARDRAIL, IMPROVEMENTS, AND INCIDENTAL ITEMS. THE ROUTE 7 PORTION OF THE PROJECT INVOLVES THE REPAIR OF DETERIORATED CONCRETE JOINTS USING A SELF-ADHESIVE POLYMER PRODUCT.



TRAFFIC DATA  
VT ROUTE 15 & U.S. ROUTE 7

	AADT		DHV		CUM. ESALS (2009-2019)	CUM. ESALS (2009-2029)
	2009	2019	2009	2019		
VT ROUTE 15 BEGIN PROJECT TO EAST SPRING ST. (MM 0.227 - MM 0.369 WINOOSKI)	13,000	13,500	1400	1400	1,362,000	3,450,000
VT ROUTE 15 EAST SPRING ST. TO I-89 RAMP A (MM 0.369 - MM 0.602 WINOOSKI)	17,500	18,400	1800	1900	1,817,000	4,612,000
VT ROUTE 15 I-89 RAMP A TO I-89 RAMP B (MM 0.602 - MM 0.685 WINOOSKI)	21,500	22,600	2200	2400	2,080,000	5,284,000
VT ROUTE 15 I-89 RAMP B TO END PROJECT (MM 0.685 - MM 0.757 WINOOSKI)	24,300	25,500	2500	2700	2,448,000	6,284,000
U.S. ROUTE 7 BEGIN PROJECT TO WEST CANAL ST. (MM 0.045 - MM 0.079 WINOOSKI)	12,800	13,400	1500	1500	1,495,000	3,866,000
U.S. ROUTE 7 WEST CANAL ST. TO WEST ALLEN ST. (MM 0.079 - MM 0.159 WINOOSKI)	15,000	15,800	1700	1800	1,842,000	4,771,000
U.S. ROUTE 7 WEST ALLEN ST. TO END PROJECT (MM 0.159 - MM 0.264 WINOOSKI)	11,500	12,100	1300	1400	3,184,000	6,850,000



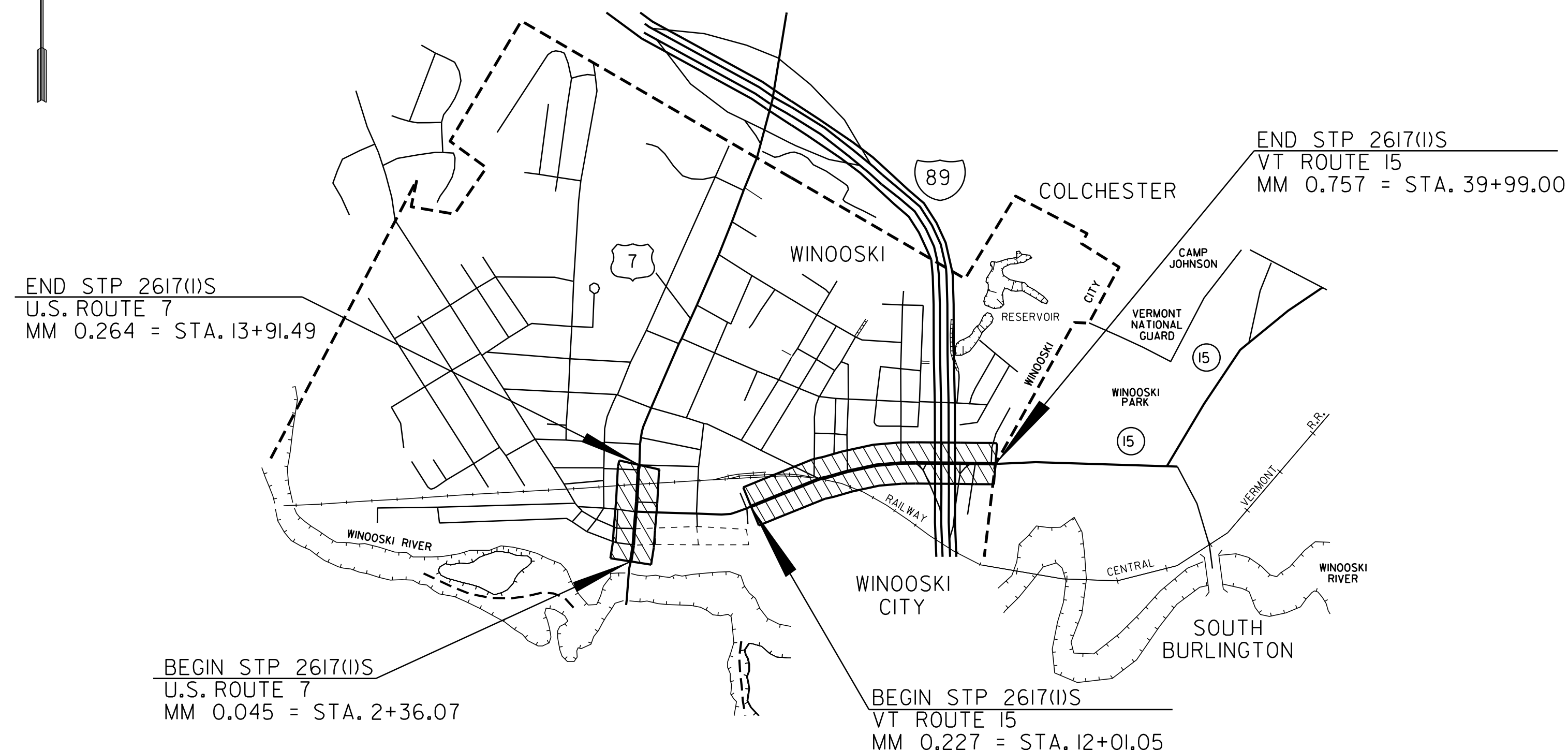
BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE / DESIGN LIFE ESAL	3,425,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADE ASPHALT BINDER	SEE GENERAL SPECIAL PROVISIONS SECTION 490

### 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



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.

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DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED _____	DATE _____
PROJECT MANAGER : TED DOMEY	
PROJECT NAME : WINOOSKI	
PROJECT NUMBER : STP 2617 (I) S	
SHEET 55 OF 88 SHEETS	