

# STATE OF VERMONT AGENCY OF TRANSPORTATION

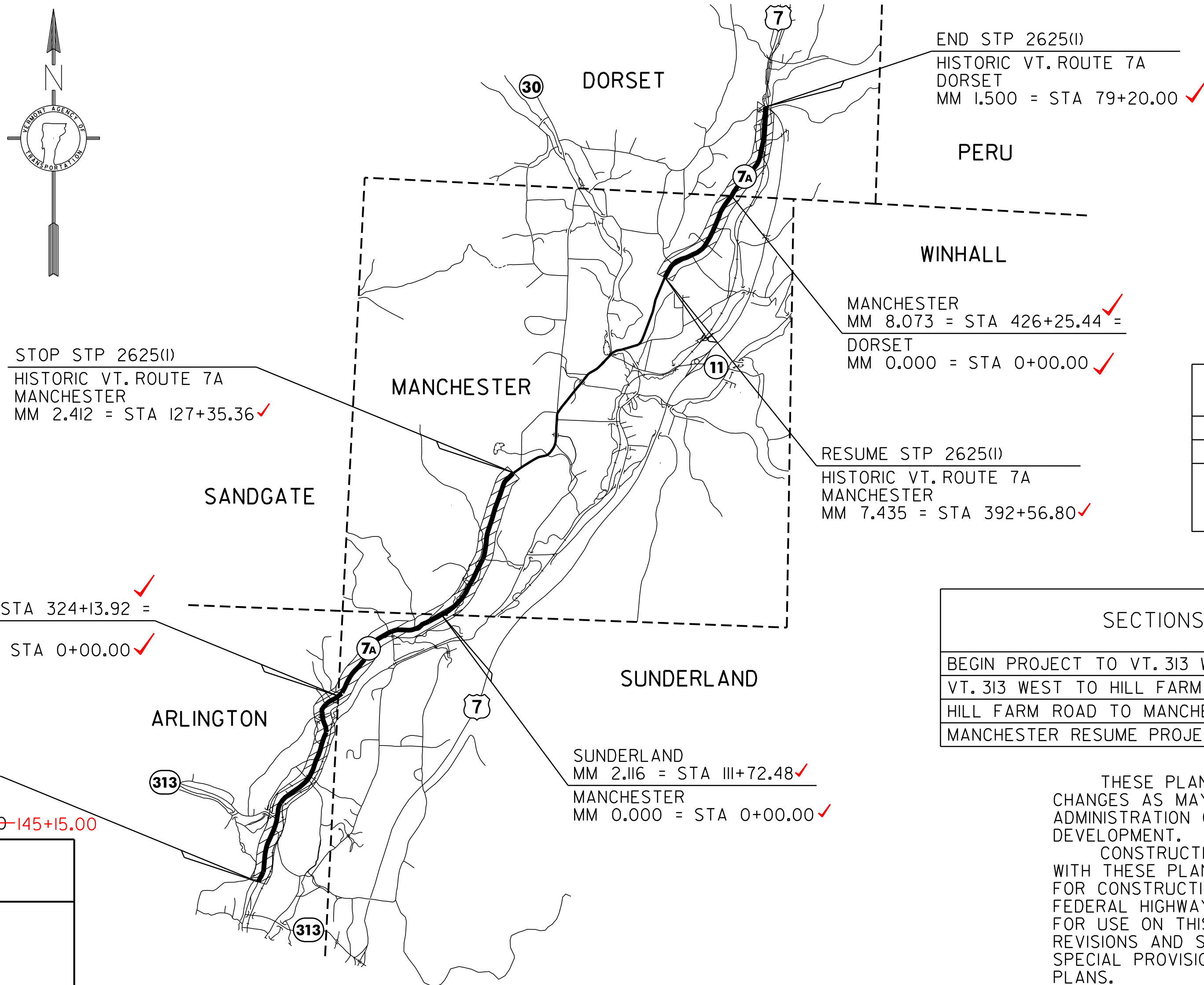
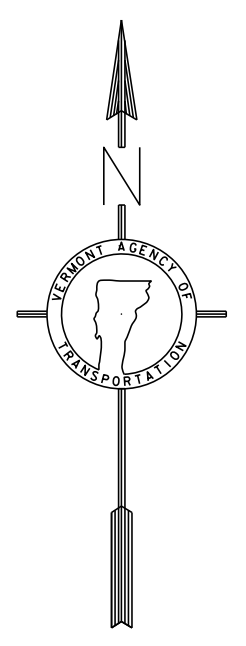
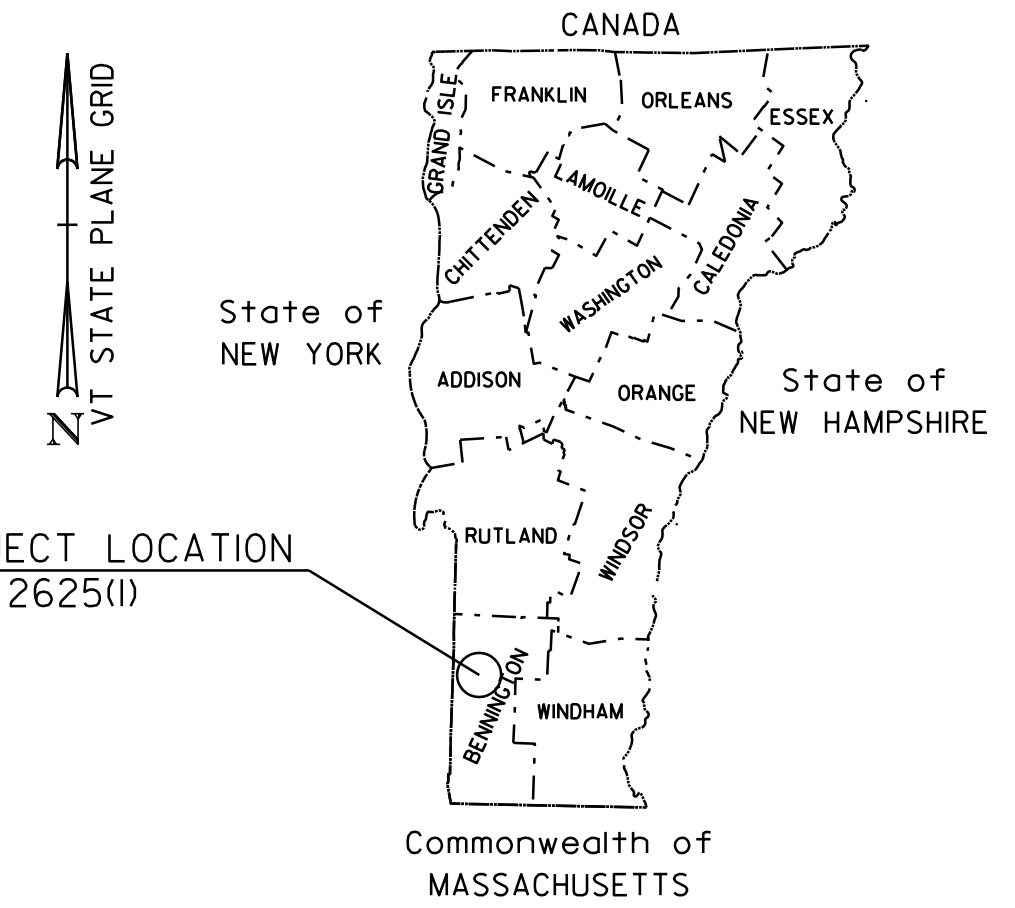


## PROPOSED IMPROVEMENT TOWNS OF ARLINGTON, SUNDERLAND, MANCHESTER & DORSET COUNTY OF BENNINGTON HISTORIC VT. ROUTE 7A

BEGINNING IN THE TOWN OF ARLINGTON ON HISTORIC VT. ROUTE 7A AT MILE MARKER 2.765 = STA 145+99.20 AND EXTENDING  
NORTHERLY FOR A DISTANCE OF 41,706.72 FEET (7.899 MILES) TO A POINT IN THE TOWN OF MANCHESTER AT MILE MARKER 2.412  
= STA 127+35.36 THEN RESUMING IN THE TOWN OF MANCHESTER AT MILE MARKER 7.435 = STA 392+56.80 AND EXTENDING  
NORTHERLY FOR A DISTANCE OF 11,288.64 FEET (2.138 MILES) TO A POINT IN THE TOWN OF DORSET AT MILE MARKER 1.500 = STA 79+20.00.

LENGTH OF ROADWAY 52,995.36 FT (10.037 MILES)  
LENGTH OF PROJECT 52,995.36 FT (10.037 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING SEGMENTS OF  
THE EXISTING HIGHWAY AND OVERLAYING WITH A LEVELING COURSE AND A WEARING COURSE,  
WITH PAVEMENT MARKINGS, GUARDRAIL IMPROVEMENTS, DRAINAGE IMPROVEMENTS AND INCIDENTAL ITEMS.



BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	780,000
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS

SECTIONS	ADT			DHV		ESALS	ESALS
	2009	2019	2029	2009	2009	2009~2019	2009~2029
BEGIN PROJECT TO VT. 313 WEST	5000	5500	6100	560	620	677,000	1,560,000
VT. 313 WEST TO HILL FARM ROAD	4400	4900	5300	500	550	482,000	1,150,000
HILL FARM ROAD TO MANCHESTER STOP PROJECT	5000	5500	6100	560	620	522,000	1,240,000
MANCHESTER RESUME PROJECT TO END PROJECT	3200	3600	3900	360	410	440,000	1,064,000

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.

QUALITY ASSURANCE PROGRAM: LEVEL 3

CONVENTIONAL SYMBOLS	
COUNTY LINE	---
TOWN LINE	----
LIMITS OF ACCESS	○-----○
POINT OF ACCESS	X
FENCE LINE	X-----X
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	SR
SLOPE RIGHTS	○-----○
TOP OF CUT	△
TOE OF SLOPE	○

ARLINGTON  
MM 6.139 = STA 324+13.92 ✓  
SUNDERLAND  
MM 0.000 = STA 0+00.00 ✓

BEGIN STP 2625(I)  
HISTORIC VT. ROUTE 7A  
ARLINGTON 2.749  
MM 2.765 = STA 145+99.20-145+15.00

SUNDERLAND  
MM 2.116 = STA 111+72.48 ✓  
MANCHESTER  
MM 0.000 = STA 0+00.00 ✓

MANCHESTER  
MM 8.073 = STA 426+25.44 ✓  
DORSET  
MM 0.000 = STA 0+00.00 ✓

END STP 2625(I)  
HISTORIC VT. ROUTE 7A  
DORSET  
MM 1.500 = STA 79+20.00 ✓

SURVEYED BY : NA  
SURVEYED DATE : NA

DATUM  
VERTICAL NA  
HORIZONTAL NA

PROJECT MANAGER : MIKE FOWLER  
PROJECT NAME : ARLINGTON - DORSET  
PROJECT NUMBER : STP 2625 (I)  
SHEET 57 OF 143 SHEETS