

# STATE OF VERMONT AGENCY OF TRANSPORTATION

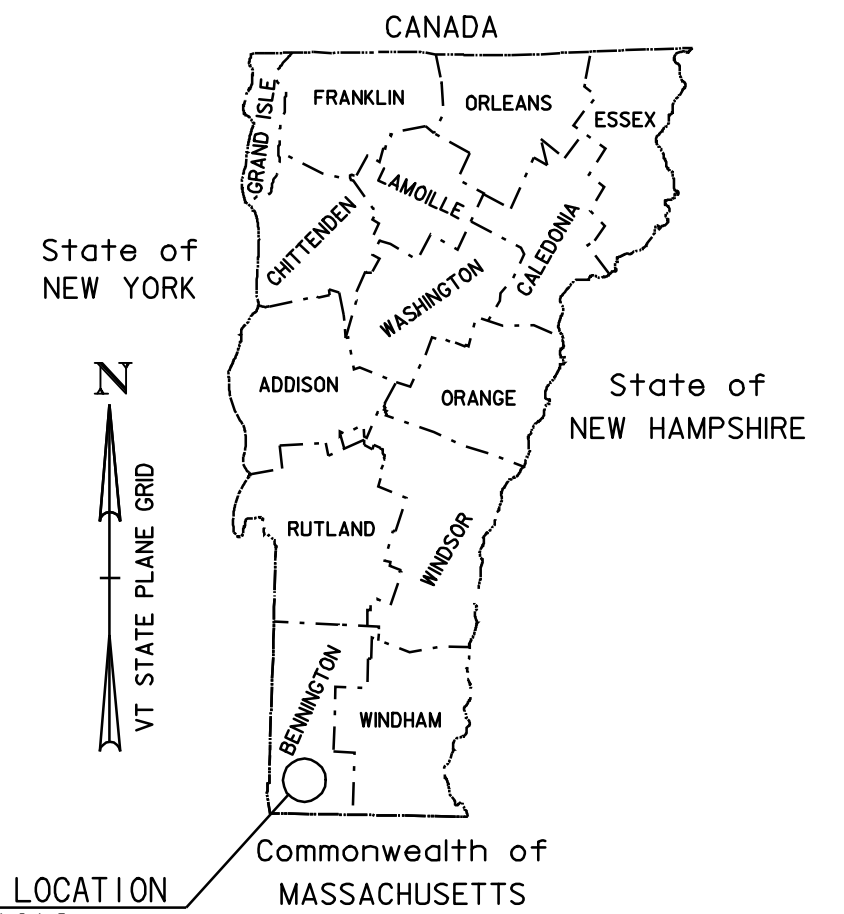


## PROPOSED IMPROVEMENT CLASS I TOWN HIGHWAY VILLAGE OF OLD BENNINGTON/ TOWN OF BENNINGTON COUNTY OF BENNINGTON VT.ROUTE 9 / U.S.ROUTE 7

BEGINNING AT MILE MARKER 3.152 = STA. 5+072.652 AND EXTENDING EASTERLY ALONG VT.ROUTE 9 FOR A DISTANCE OF 4424.087 m (2.749 MILES) TO MILE MARKER 5.901 = STA. 9+496.739. THE PROJECT ALSO BEGINS AT MILE MARKER 2.876 = STA. 4+628.473 AND EXTENDS NORTHERLY ALONG U.S.ROUTE 7 FOR A DISTANCE OF 864.218 m (0.537 MILE) TO MILE MARKER 3.413 = STA. 5+492.691.

LENGTH OF ROADWAY 5288.305 m (3.286 MILES)  
LENGTH OF PROJECT 5288.305 m (3.286 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, RESURFACING WITH A SHIM / LEVELING COURSE AND WEARING COURSE, VEHICLE DETECTOR LOOPS, NEW PAVEMENT MARKINGS, NEW SIGNS, DRAINAGE IMPROVEMENTS AND INCIDENTAL ITEMS.



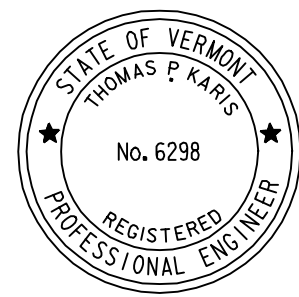
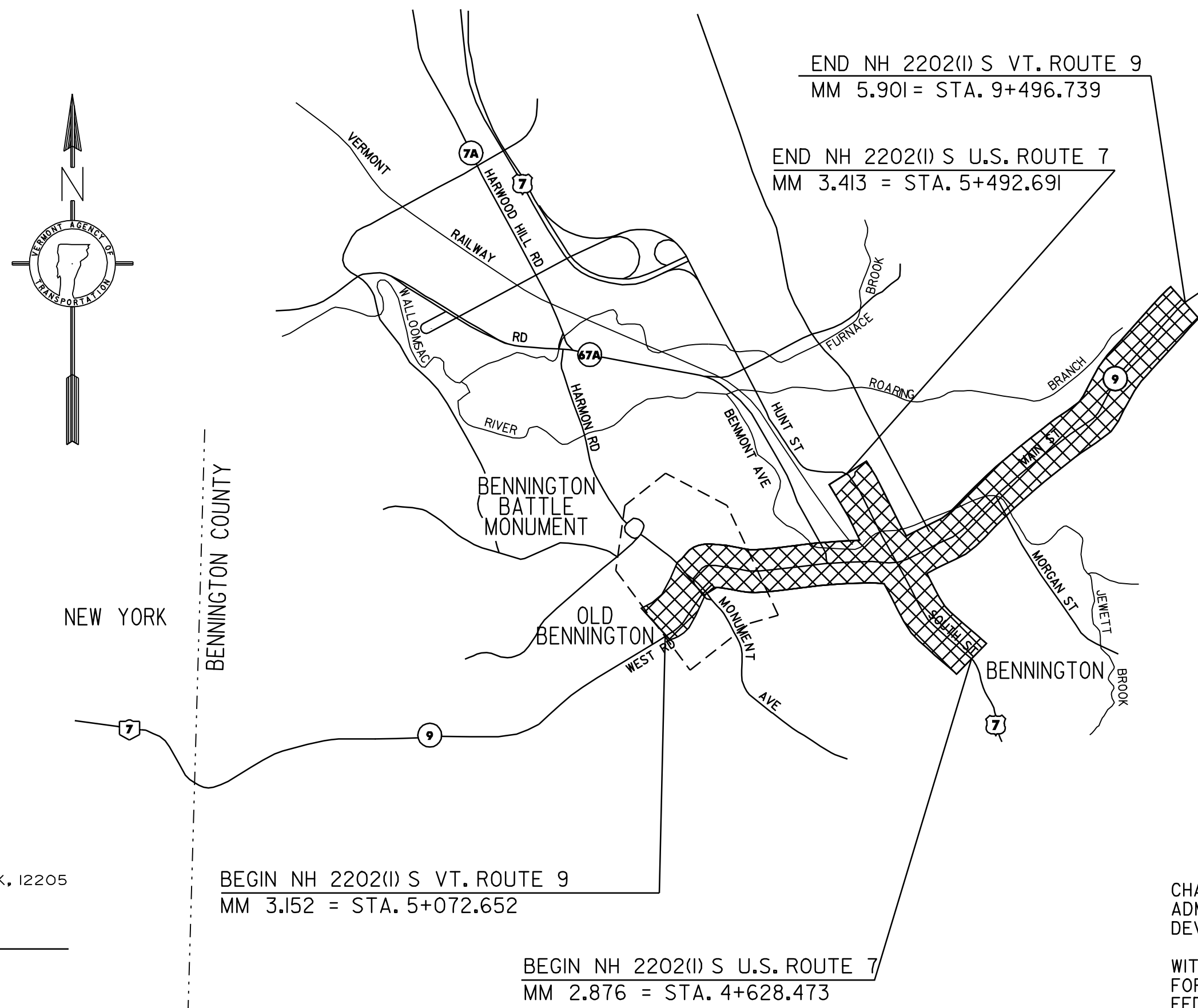
PROJECT LOCATION  
NH 2202(1)S  
Commonwealth of MASSACHUSETTS

**TRAFFIC DATA**

VT.ROUTE 9 (BEGIN PROJECT TO MM 3.700)	VT.ROUTE 9 (MM 5.540 TO END PROJECT)
2002 ADT = 11,000	2002 ADT = 6,300
2002 DHV = 1,400	2002 DHV = 820
2012 ADT = 13,200	2012 ADT = 7,600
2012 DHV = 1,600	2012 DHV = 940
2002 ~ 2012 CUM. ESALS = 4,111,000	2002 ~ 2012 CUM. ESALS = 2,480,000
2002 ~ 2022 CUM. ESALS = 10,394,000	2002 ~ 2022 CUM. ESALS = 6,272,000
VT.ROUTE 9 (MM 3.700 TO MM 4.070)	U.S.ROUTE 7 (BEGIN PROJECT TO MM 2.970)
2002 ADT = 11,200	2002 ADT = 11,800
2002 DHV = 1,200	2002 DHV = 1,200
2012 ADT = 13,400	2012 ADT = 14,100
2012 DHV = 1,300	2012 DHV = 1,400
2002 ~ 2012 CUM. ESALS = 3,881,000	2002 ~ 2012 CUM. ESALS = 1,804,000
2002 ~ 2022 CUM. ESALS = 9,800,000	2002 ~ 2022 CUM. ESALS = 4,542,000
VT.ROUTE 9 (MM 4.070 TO MM 4.400)	U.S.ROUTE 7 (MM 2.970 TO MM 3.380)
2002 ADT = 10,400	2002 ADT = 11,300
2002 DHV = 1,200	2002 DHV = 1,200
2012 ADT = 12,400	2012 ADT = 13,600
2012 DHV = 1,300	2012 DHV = 1,400
2002 ~ 2012 CUM. ESALS = 2,360,000	2002 ~ 2012 CUM. ESALS = 2,157,000
2002 ~ 2022 CUM. ESALS = 5,930,000	2002 ~ 2022 CUM. ESALS = 5,443,000
VT.ROUTE 9 (MM 4.400 TO MM 4.970)	U.S.ROUTE 7 (MM 3.380 TO END PROJECT)
2002 ADT = 13,700	2002 ADT = 12,600
2002 DHV = 1,400	2002 DHV = 1,300
2012 ADT = 16,400	2012 ADT = 15,100
2012 DHV = 1,600	2012 DHV = 1,500
2002 ~ 2012 CUM. ESALS = 2,841,000	2002 ~ 2012 CUM. ESALS = 1,543,000
2002 ~ 2022 CUM. ESALS = 7,151,000	2002 ~ 2022 CUM. ESALS = 3,890,000
VT.ROUTE 9 (MM 4.970 TO MM 5.540)	
2002 ADT = 10,200	
2002 DHV = 1,100	
2012 ADT = 12,100	
2012 DHV = 1,200	
2002 ~ 2012 CUM. ESALS = 3,408,000	
2002 ~ 2022 CUM. ESALS = 8,551,000	

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

BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE / DESIGN LIFE ESAL	5,197,000
DESIGN NUMBER OF GYRATIONS	100
PERFORMANCE GRADED ASPHALT BINDER	64-28



PLANS PREPARED BY  
**CHA CLOUGH, HARBOUR & ASSOCIATES LLP**  
ENGINEERS, SURVEYORS, PLANNERS & LANDSCAPE ARCHITECTS  
111 WINNERS CIRCLE ALBANY, NEW YORK, 12205

DATUM  
VERTICAL N/A  
HORIZONTAL N/A

**CONVENTIONAL SIGNS**

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	- - - -
SLOPE RIGHTS	SR
TOP OF CUT	△
TOE OF SLOPE	○

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROJECT 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.

**Metric**

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
DIRECTOR OF PROGRAM DEVELOPMENT

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
DIVISION ADMINISTRATOR

PROJECT BENNINGTON  
NH 2202(1)S  
SHEET 5 OF 108 SHEETS