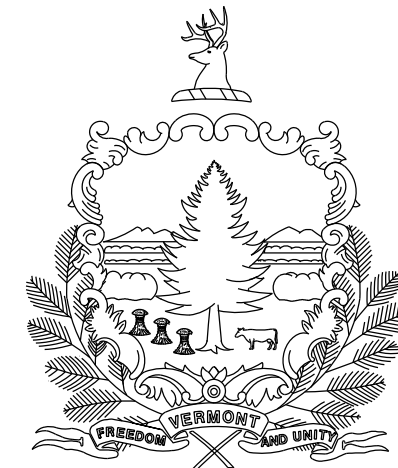
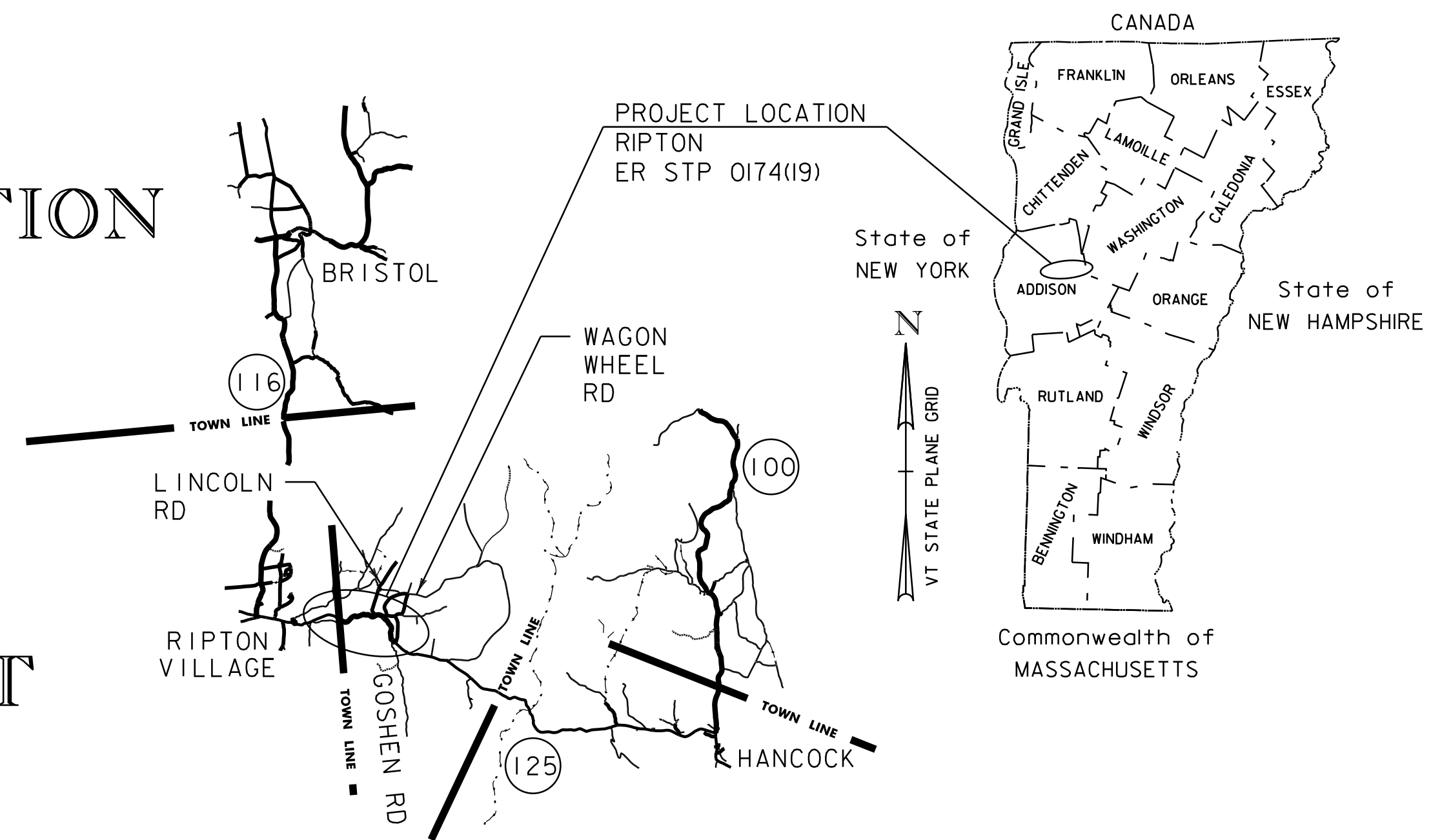


# STATE OF VERMONT AGENCY OF TRANSPORTATION



## PROPOSED IMPROVEMENT TOWN OF RIPTON COUNTY OF ADDISON VT ROUTE 125 (MAJOR COLLECTOR)



BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL	334000
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADED ASPHALT BINDER:	SEE SUBSECTION 490.03B

**PRELIMINARY PLANS**  
**4/18/2018**

**NOT FOR CONSTRUCTION**

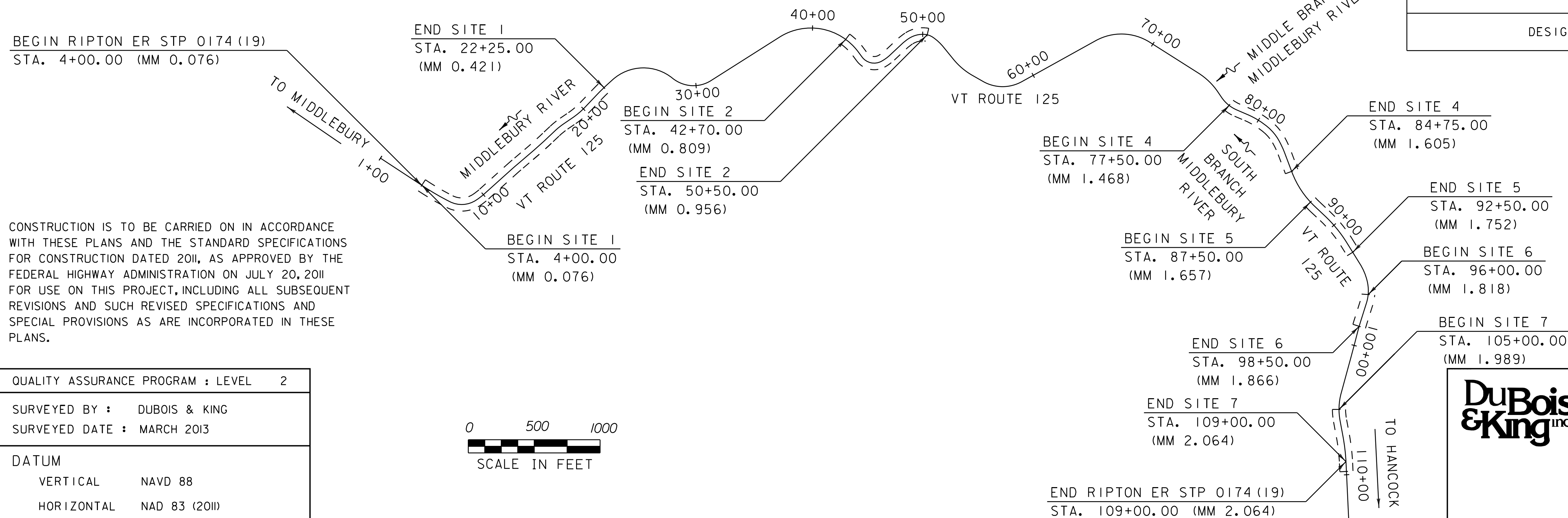
PROJECT LOCATION: BEGINNING IN THE TOWN OF RIPTON ON VT ROUTE 125 AT STA. 4+00.00 (MM 0.076)  
EXTENDING EASTERLY ALONG VT ROUTE 125 10,425 FT (1.974 MILES) TO STA. 109+00.00 (MM 2.064)

STATION TO STATION DATA	LENGTH	
	(FEET)	(MILES)
SITE 1 STA. 4+00.00 TO STA. 22+25.00 (MM. 0.076 TO MM. 0.421)	1825.00	0.346
SITE 2 STA. 42+70.00 TO STA. 50+50.00 (MM. 0.809 TO 0.956)	780.00	0.147
SITE 3 REMOVED FROM PROJECT	00.000	0.000
SITE 4 STA. 77+50.00 TO STA. 84+75.00 (MM. 1.468 TO MM. 1.605)	725.00	0.137
SITE 5 STA. 87+50.00 TO STA. 92+50.00 (MM. 1.657 TO MM. 1.752)	500.00	0.095
SITE 6 STA. 96+00.00 TO STA. 98+50.00 (MM. 1.818 TO MM. 1.866)	150.00	0.028
SITE 7 STA. 105+00.00 TO STA. 109+00.00 (MM. 1.989 TO MM. 2.064)	400.00	0.076
<b>TOTAL ROADWAY LENGTH =</b>	<b>10425.00</b>	<b>1.974</b>
<b>TOTAL PROJECT LENGTH =</b>	<b>4380.00</b>	<b>0.829</b>

**TRAFFIC DATA**

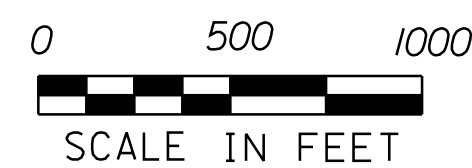
HIGHWAY SECTION	AADT		DHV		CUM. ESALS (2013-2023)	CUM. ESALS (2013-2033)
	2013	2023	2013	2023		
VT 125 - BEGIN PROJECT TO LINCOLN ROAD	1900	2000	250	260	328,000	825,000
VT 125 - LINCOLN ROAD TO END PROJECT	1800	1900	240	250	315,000	794,000
TRUCKS	PERCENT					
	2013	2023				
	-	-				
POSTED SPEED	40 MPH		30 MPH			
DESIGN SPEED	40 MPH					

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES SLOPE STABILIZATION, COLD PLANE, LEVELING AND WEARING COURSES, NEW PAVEMENT MARKINGS, GUARDRAIL IMPROVEMENTS, DRAINAGE IMPROVEMENTS AND OTHER RELATED HIGHWAY ITEMS.



CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 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	2
SURVEYED BY :	DUBOIS & KING
SURVEYED DATE :	MARCH 2013
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (2011)



DIRECTOR OF PROJECT DELIVERY	APPROVED _____ DATE _____
PROJECT MANAGER :	KEN UPMAL, P.E.
PROJECT NAME :	RIPTON
PROJECT NUMBER :	ER STP 0174 (19)
SHEET 1 OF 141 SHEETS	