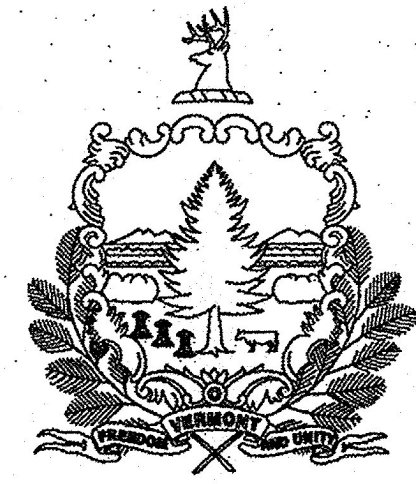
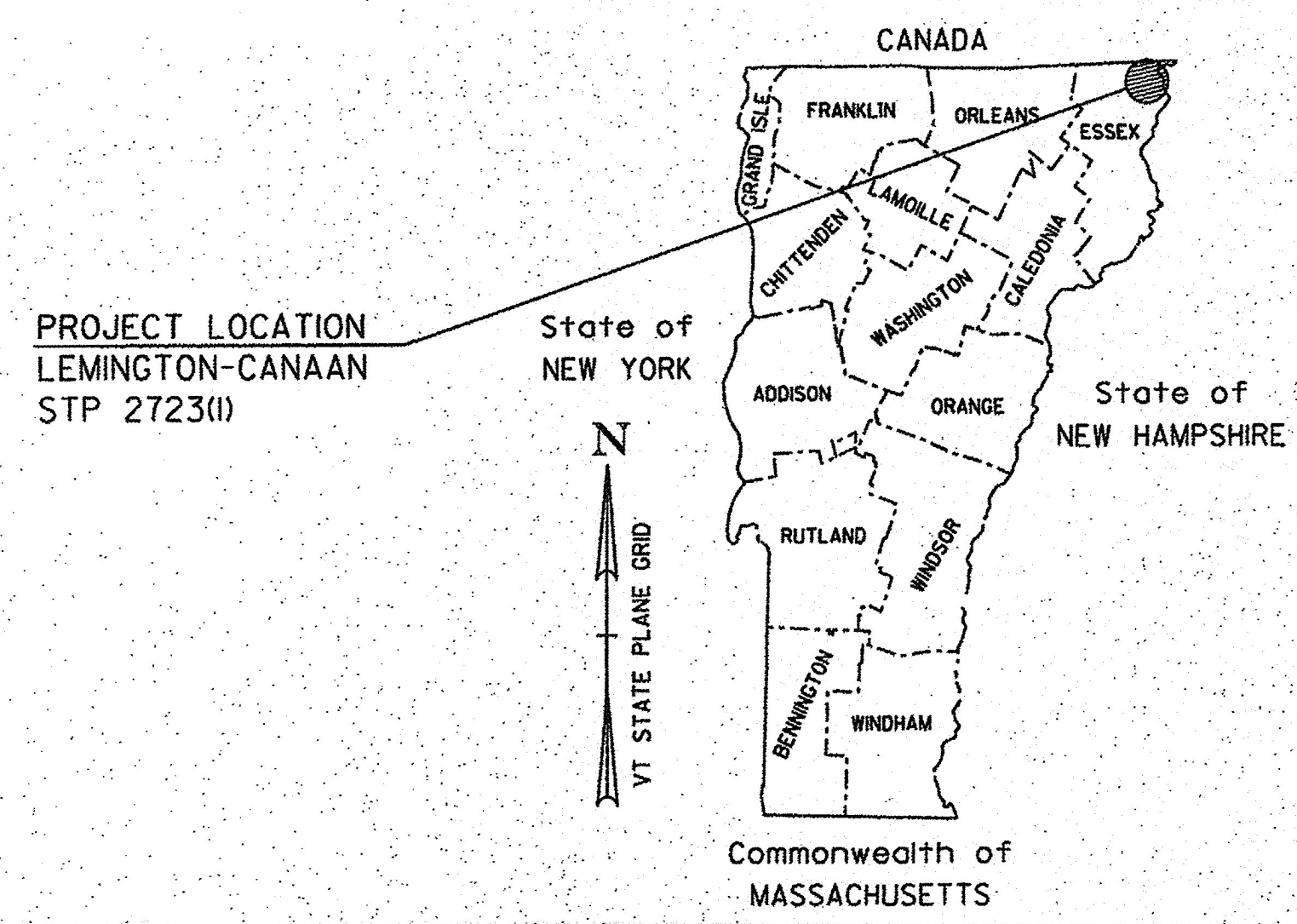


TRAFFIC DATA												
LOCATION	AADT		DHV		%T		%D		ADTT		ESALs	
	2015	2025	2015	2025	2015	2035	2015	2035	2015	2035	2015-2035	2015-2055
VT ROUTE 102												
BEGIN PROJECT TO VT 26	270	280	55	55	12.8	15.4	55	55	25	30	78,000	168,000
VT 26 TO VT 114	700	710	120	120	12.8	15.4	54	54	65	80	200,000	425,000
VT ROUTE 114												
BEGIN PROJECT TO VT 102/VT 253	2100	2200	260	270	7.5	8.8	59	59	140	170	587,000	1,244,000
VT 102/VT 253 TO NH BORDER	2700	2800	360	370	7.7	9.4	54	54	250	310	1,186,000	2,890,000
VT ROUTE 253												
VT 102/VT 253 TO POWERHOUSE RD	1300	1300	170	170	15.0	18.0	56	56	210	250	894,000	2,117,000
POWERHOUSE RD TO RIVER ST	930	950	130	130	14.3	15.7	51	51	130	150	846,000	1,732,000
RIVER ST TO CANADIAN BORDER	410	420	70	75	16.9	17.1	64	64	90	90	866,000	1,738,000

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT TOWNS OF LEMINGTON & CANAAN COUNTY OF ESSEX VT ROUTE 102, VT ROUTE 114 & VT ROUTE 253 (MAJOR COLLECTOR)



SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA			
	VT 102	VT 114	VT 253
DESIGN LANE/DESIGN LIFE ESAL	229,500	1,560,600	1,185,520
DESIGN NUMBER OF GYRATIONS	65	65	65
PERFORMANCE GRADED ASPHALT BINDER	SEE SUBSECTION 490.03(b)		

RECORD PLANS	
CONTRACTOR:	PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER:	DOUG BUMPS
CONSTRUCTION BEGAN:	JULY 07, 2015
CONSTRUCTION COMPLETE:	MAY 31, 2017
RECORD PLANS BY:	DOUG BUMPS & AARON WEAVER
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY	<i>[Signature]</i> RESIDENT ENGINEER
DATE	5/21/18
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found by contacting Vtrans Records Management.	

VT ROUTE 102
BEGINNING ON VT ROUTE 102 IN LEMINGTON AT STATION L193+31.00 (MM 3.661) AND EXTENDING NORTHERLY ALONG VT ROUTE 102 A DISTANCE OF 55,315.00 FEET (10.476 MILES) TO STATION 359+77.00 (MM 6.814) ENDING AT THE INTERSECTION OF VT ROUTE 114 AND VT ROUTE 253 IN THE TOWN OF CANAAN.

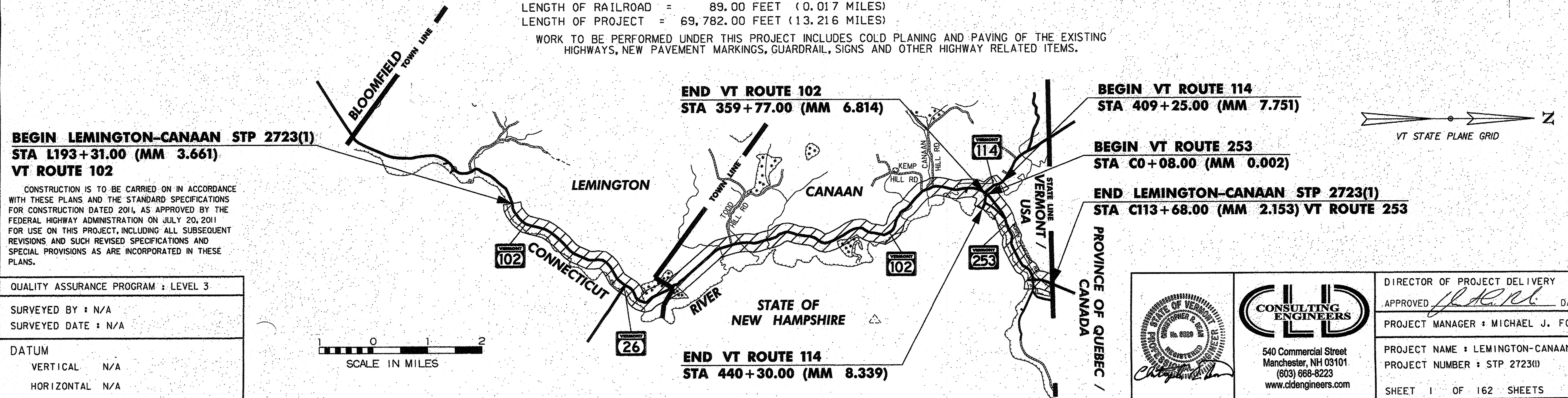
VT ROUTE 114
BEGINNING ON VT ROUTE 114 IN CANAAN AT STATION 409+25.00 (MM 7.751) AND EXTENDING NORTHERLY ALONG VT ROUTE 114 A DISTANCE OF 3,105.00 FEET (0.588 MILES) TO STATION 440+30.00 (MM 8.339).

VT ROUTE 253
BEGINNING AT THE INTERSECTION OF VT ROUTE 114 AND VT ROUTE 102 AT STATION C0+08.00 (MM 0.002) IN CANAAN AND EXTENDING NORTHERLY ALONG VT ROUTE 253 A DISTANCE OF 11,360 FEET (2.152 MILES) TO STATION C113+68.00 (MM 2.153) ENDING AT THE UNITED STATES/CANADIAN BORDER.

LEMINGTON VT ROUTE 102	STA L193+31.00 (MM 3.661) ~ STA L386+71.00 (MM 7.324)	= 19,340.00 FEET (3.663 MILES)
CANAAN VT ROUTE 102	STA 0+00.00 (MM 0.000) ~ STA 359+77.00 (MM 6.814)	= 35,977.00 FEET (6.814 MILES)
VT ROUTE 114	STA 409+25.00 (MM 7.751) ~ STA 440+30.00 (MM 8.339)	= 3,105.00 FEET (0.588 MILES)
VT ROUTE 253	STA C0+08.00 (MM 0.002) ~ STA C103+67.50 (MM 1.963)	= 10,359.50 FEET (1.963 MILES)
RAILROAD CROSSING	STA C103+67.50 (MM 1.963) ~ STA C104+56.50 (MM 1.980)	= 89.00 FEET (0.017 MILES)
VT ROUTE 253	STA C104+56.50 (MM 1.980) ~ STA C113+68.00 (MM 2.153)	= 911.50 FEET (0.173 MILES)

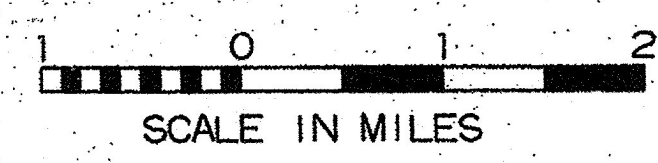
LENGTH OF ROADWAY = 69,693.00 FEET (13.199 MILES)
 LENGTH OF RAILROAD = 89.00 FEET (0.017 MILES)
 LENGTH OF PROJECT = 69,782.00 FEET (13.216 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND PAVING OF THE EXISTING HIGHWAYS, NEW PAVEMENT MARKINGS, GUARDRAIL, SIGNS AND OTHER HIGHWAY RELATED 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 3
SURVEYED BY : N/A
SURVEYED DATE : N/A
DATUM
VERTICAL N/A
HORIZONTAL N/A



		DIRECTOR OF PROJECT DELIVERY
		APPROVED <i>[Signature]</i> DATE 3/2/2015
540 Commercial Street Manchester, NH 03101 (603) 668-8223 www.cldengineers.com		PROJECT MANAGER : MICHAEL J. FOWLER, P.E.
		PROJECT NAME : LEMINGTON-CANAAN
		PROJECT NUMBER : STP 2723(1)
		SHEET 1 OF 162 SHEETS