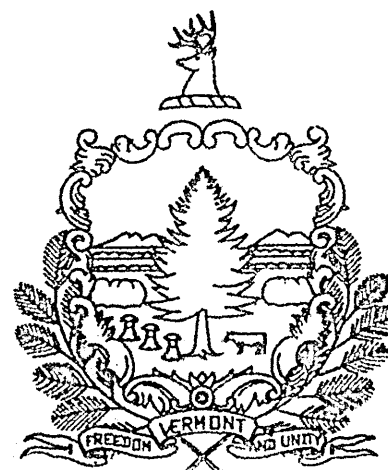
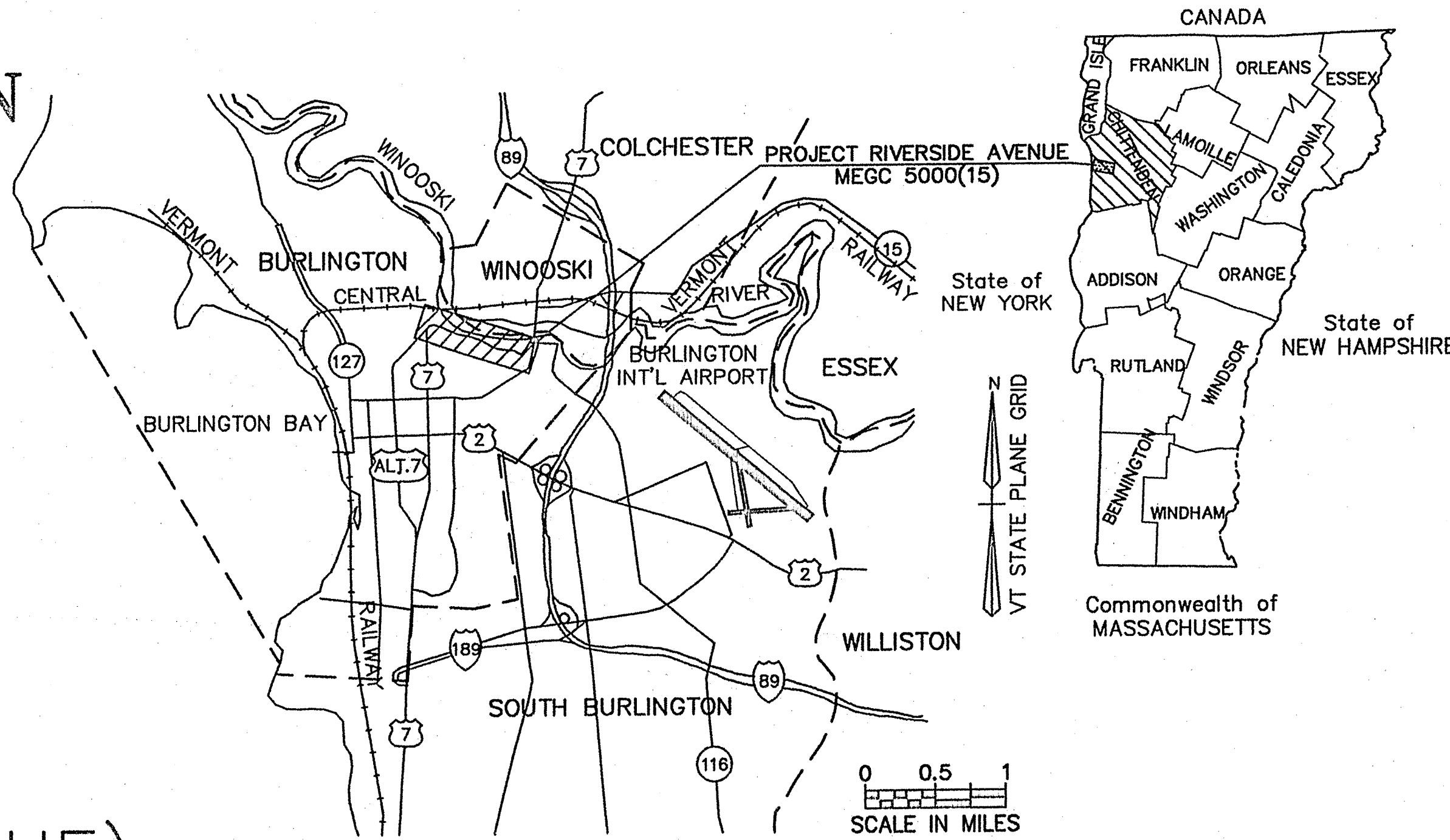


# STATE OF VERMONT AGENCY OF TRANSPORTATION



## PROPOSED IMPROVEMENT CITY OF BURLINGTON COUNTY OF CHITTENDEN U.S. ROUTE 7 (RIVERSIDE AVENUE)



**INDEX OF SHEETS**

SEE SHEET 2

RECORD PLANS	
CONTRACTOR:	DON WESTON EXCAVATING, INC. - WILLISTON, VT
RESIDENT ENGINEER:	RON STANCLIFF
CONSTRUCTION BEGAN:	MAY 2, 2005
CONSTRUCTION COMPLETE:	JULY 18, 2008
RECORD PLANS BY:	RON STANCLIFF & AMOS KEMPTON
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY:	<i>Ron Stancliff</i> RESIDENT ENGINEER
DATE:	9/20/11
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.	

BEGINNING AT THE INTERSECTION OF HYDE STREET AND RIVERSIDE AVENUE (U.S. 7) AND EXTENDING EASTERLY ALONG RIVERSIDE AVENUE (U.S. 7) FOR A DISTANCE OF 1.088 MILES TO THE INTERSECTION OF COLCHESTER AVENUE.

LENGTH OF ROADWAY = 5744.00 FEET = 1.088 MILES  
LENGTH OF PROJECT = 5744.00 FEET = 1.088 MILES

**PROJECT DESCRIPTION -**  
WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND RESURFACING RIVERSIDE AVENUE (U.S. 7). ALSO INCLUDED IS THE INSTALLATION/CONSTRUCTION OF CURBING, LANDSCAPING, SIDEWALKS, PEDESTRIAN/BIKEWAY, GUARDRAIL, SIGNALS, LIGHTING, UNDERGROUNDING OF UTILITIES, AND PAVEMENT.

**TRAFFIC DATA**

FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIAL

1999 ADT = 16810  
1999 DHV = 1680

2009 ADT = 19370  
2009 DHV = 1940

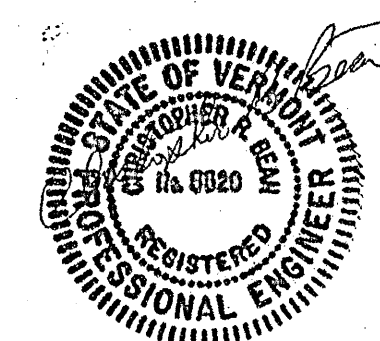
D = 51%  
T = 1.0%  
V = 30 M.P.H.(POSTED)

1999-2009 18 KIP ESAL = 3,026,000  
1999-2019 18 KIP ESAL = 4,379,000

**BITUMINOUS CONCRETE PAVEMENT  
SUPERPAVE MIXTURE DESIGN CRITERIA**

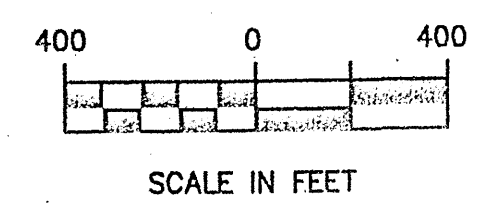
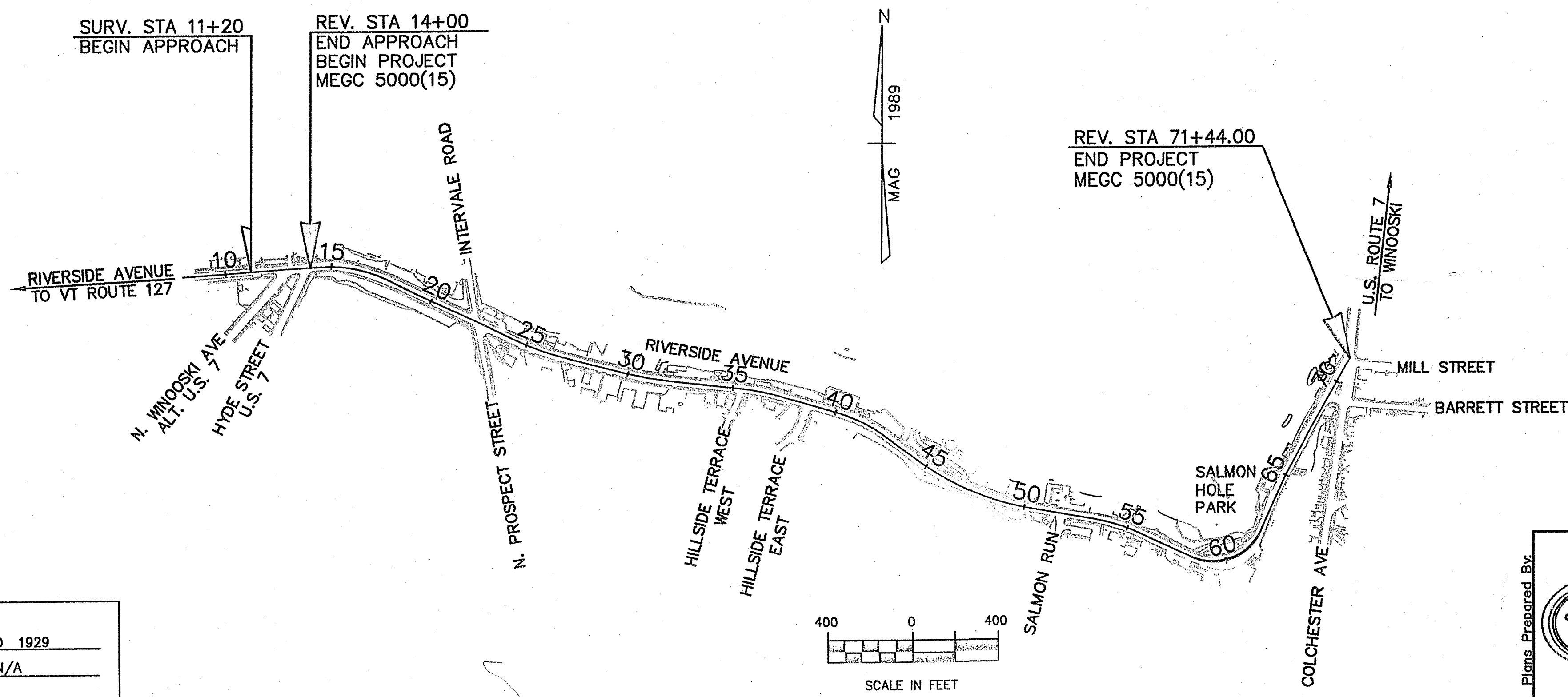
DESIGN LANE/LIFE ESALS (20 YRS).....4,379,000  
DESIGN NUMBER OF GYRATIONS.....75  
PERFORMANCE GRADED ASPHALT BINDER....PG 64-28

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER. 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.



CONVENTIONAL SIGNS	
COUNTY LINE	---
TOWN LINE	- - - -
LIMITS OF ACCESS	o - o - o
POINT OF ACCESS	X
FENCE LINE	x - x - x
STONE WALL	o - o - o - o
TRAVELED WAY	o - o - o - o
GUARDRAIL	o - o - o - o
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	○

DATUM  
VERTICAL NGVD 1929  
HORIZONTAL N/A



Plans Prepared By:

**ELD**  
CONSULTING ENGINEERS  
Inc.

540 Commercial Street • Manchester, NH 03101  
(603) 668-8223 • Fax: (603) 668-8802  
eld@eldengineers.com • www.eldengineers.com  
Maine • New Hampshire • Vermont

DIRECTOR OF PROJECT DEVELOPMENT	
APPROVED <i>Jane V. Reilly</i>	DATE 7-17-07
PROJECT MANAGER: K. MARSHIA	
PROJECT NAME: BURLINGTON	
PROJECT NUMBER: MEGC 5000(15)	
SHEET 1 OF 252 SHEETS	