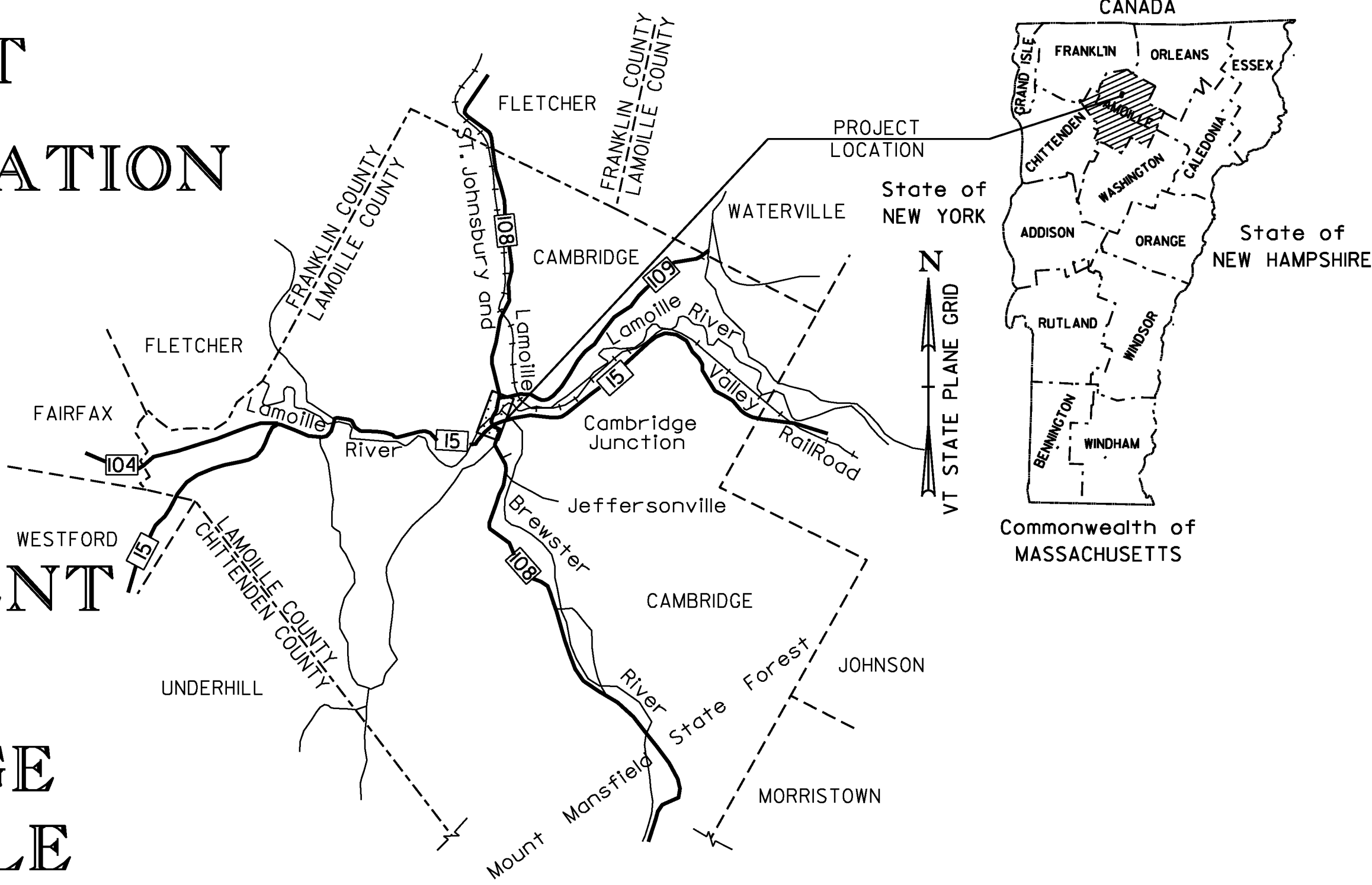


STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT

TOWN OF CAMBRIDGE
COUNTY OF LAMOILLE
VT ROUTE 15 AND VT ROUTE 108
MINOR ARTERIAL



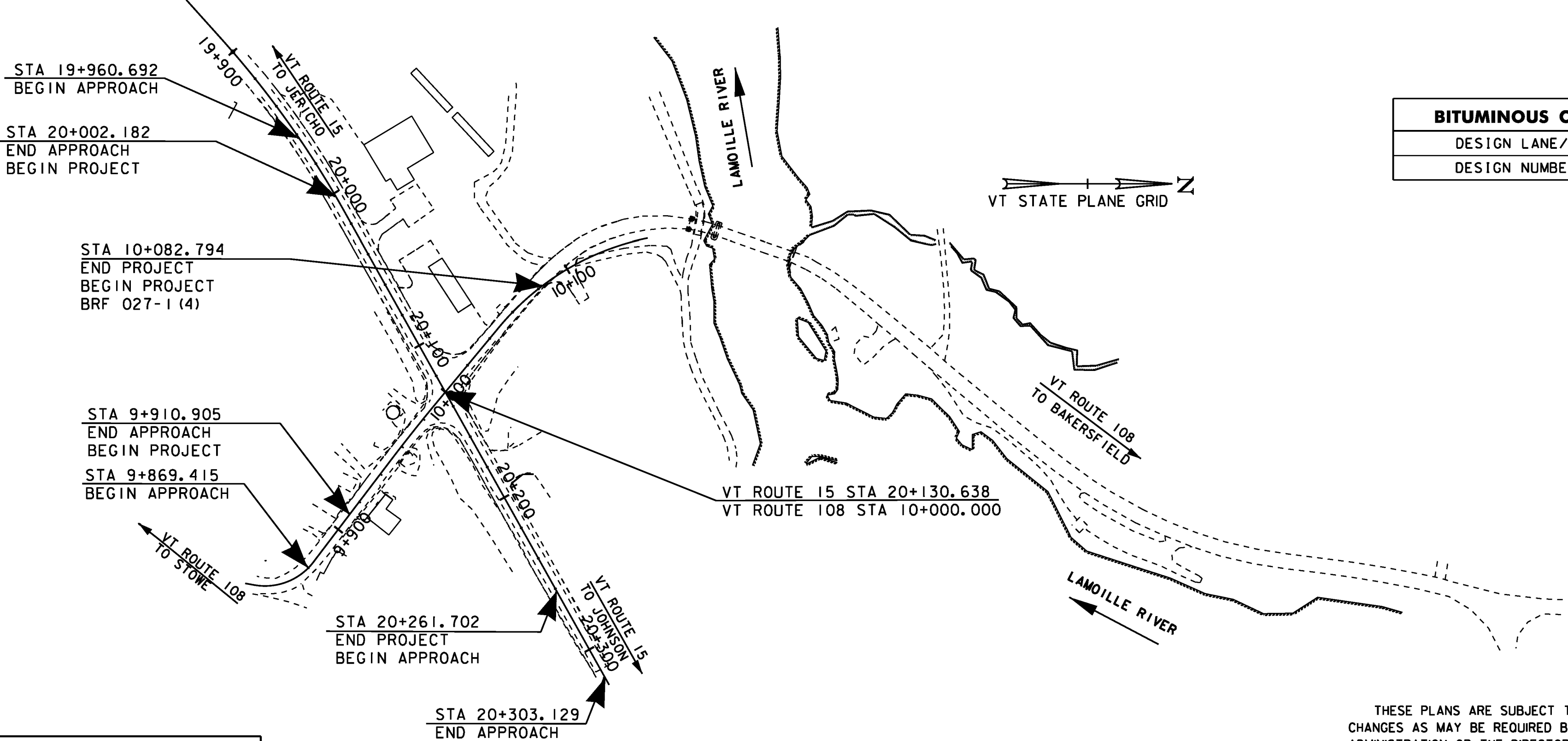
TRAFFIC DATA			
VT ROUTE 15 (WEST)		VT ROUTE 108 (NORTH)	
2012 AADT= 6400	2032 AADT= 7000	2012 AADT= 1800	2032 AADT= 1900
	2032 DHV= 790		2032 DHV= 240
	2032 %T= 14.5		2032 %T= 3.2
	2032 %D= 59		2032 %D= 56
2012 ADTT= 660	2032 ADTT= 1100	2012 ADTT= 75	2032 ADTT= 130
FUNCTIONAL CLASS - MINOR ARTERIAL		FUNCTIONAL CLASS - MINOR ARTERIAL	
2012 - 2032 ESAL'S = 4,923,000		2012 - 2032 ESAL'S = 512,000	
2012 - 2052 ESAL'S = 11,273,000		2012 - 2052 ESAL'S = 1,244,000	
POSTED SPEED = 70 KMH		POSTED SPEED = 80 KMH	
VT ROUTE 15 (EAST)		VT ROUTE 108 (SOUTH)	
2012 AADT= 6100	2032 AADT= 6700	2012 AADT= 2400	2032 AADT= 2600
	2032 DHV= 760		2032 DHV= 290
	2032 %T= 12.1		2032 %T= 12.2
	2032 %D= 56		2032 %D= 65
2012 ADTT= 570	2032 ADTT= 960	2012 ADTT= 190	2032 ADTT= 330
FUNCTIONAL CLASS - MINOR ARTERIAL		FUNCTIONAL CLASS - MAJOR COLLECTOR	
2012 - 2032 ESAL'S = 4,694,000		2012 - 2032 ESAL'S = 1,161,000	
2012 - 2052 ESAL'S = 10,747,000		2012 - 2052 ESAL'S = 2,697,000	
POSTED SPEED = 70 KMH		POSTED SPEED = 70 KMH	

PROJECT STP 030-2(27)

BEGINNING AT A POINT, IN THE TOWN OF CAMBRIDGE, ON VT ROUTE 15, APPROXIMATELY 128.456 M WEST OF THE VT ROUTE 15 AND VT ROUTE 108 INTERSECTION, AND EXTENDING EASTERLY FOR A DISTANCE OF APPROXIMATELY 259.520 M; THEN BEGINNING AT A POINT ON VT ROUTE 108, APPROXIMATELY 89.095 M SOUTHERLY OF THE VT ROUTE 15 AND VT ROUTE 108 INTERSECTION, AND EXTENDING NORTHERLY FOR A DISTANCE OF APPROXIMATELY 171.889 M, WHICH IS THE BEGINNING OF PROJECT BRP 027-1 (4).

LENGTH OF ROADWAY (VT ROUTE 15) = 259.520 m
LENGTH OF ROADWAY (VT ROUTE 108) = 171.889 m
LENGTH OF PROJECT = 431.409 m

WORK TO BE PERFORMED UNDER THIS PROJECT CONSISTS OF CONSTRUCTION OF A ROUNDABOUT AT THE INTERSECTION OF VT ROUTE 15 AND VT ROUTE 108, SAND BORROW, SUBBASE, DRAINAGE, SIGNS AND OTHER HIGHWAY RELATED ITEMS.



BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/LIFE ESALS (20 YEARS)	4,923,000
DESIGN NUMBER OF GYRATIONS	65

QUALITY ASSURANCE PROGRAM: LEVEL 2

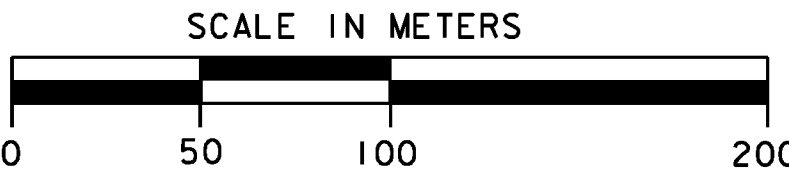
CONVENTIONAL SYMBOLS

COUNTY LINE	COUNTY LINE
TOWN LINE	TOWN LINE
LIMITS OF ACCESS	LIMITS OF ACCESS
POINT OF ACCESS	POINT OF ACCESS
FENCE LINE	FENCE LINE
STONE WALL	STONE WALL
TRAVELED WAY	TRAVELED WAY
GUARD RAIL	GUARD RAIL
RAILROAD	RAILROAD
SURVEY LINE	SURVEY LINE
CULVERT	CULVERT
POWER POLE	POWER POLE
TELEPHONE POLE	TELEPHONE POLE
TREES	TREES
CONTROL OF ACCESS	CONTROL OF ACCESS
PROPERTY LINE	PROPERTY LINE
R.O.W. TAKING LINE	R.O.W. TAKING LINE
SLOPE RIGHTS	SLOPE RIGHTS
TOP OF CUT	TOP OF CUT
TOE OF SLOPE	TOE OF SLOPE

SURVEYED BY : CLD/VTRANS
SURVEYED DATE : 12/1998/2010

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83/96



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 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.

Metric
UNLESS NOTED OTHERWISE
STATIONS ARE IN KILOMETERS
ELEVATIONS ARE IN METERS
DIMENSIONS ARE IN MILLIMETERS

PROJECT MANAGER : J. SCHULTZ
PROJECT NAME : CAMBRIDGE
PROJECT NUMBER : STP 030 -2 (27)
SHEET 34 OF 214 SHEETS