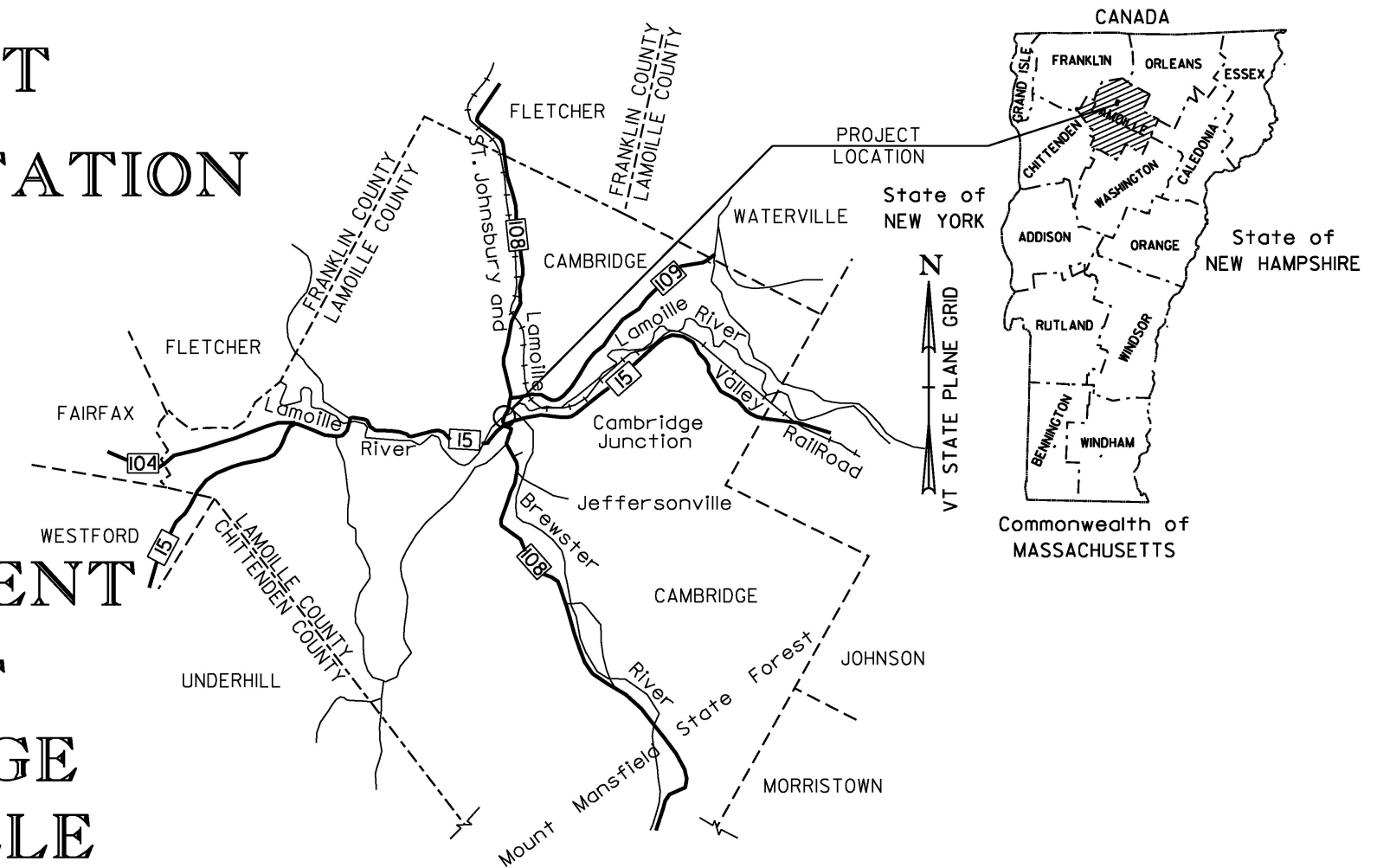


STATE OF VERMONT  
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT  
BRIDGE PROJECT  
TOWN OF CAMBRIDGE  
COUNTY OF LAMOILLE  
VT ROUTE 108, BRIDGE #21  
MAJOR COLLECTOR



**TRAFFIC DATA**

**VT ROUTE 108**

2012 AADT= 1800	2032 AADT= 1900
	2032 DHV= 240
	2032 %T= 3.2
	2032 %D= 56
2012 ADTT= 75	2032 ADTT= 130
FUNCTIONAL CLASS - MINOR ARTERIAL	
2012 - 2032 ESAL'S = 512,000	
2012 - 2052 ESAL'S = 1,244,000	
POSTED SPEED = 80 KMH	

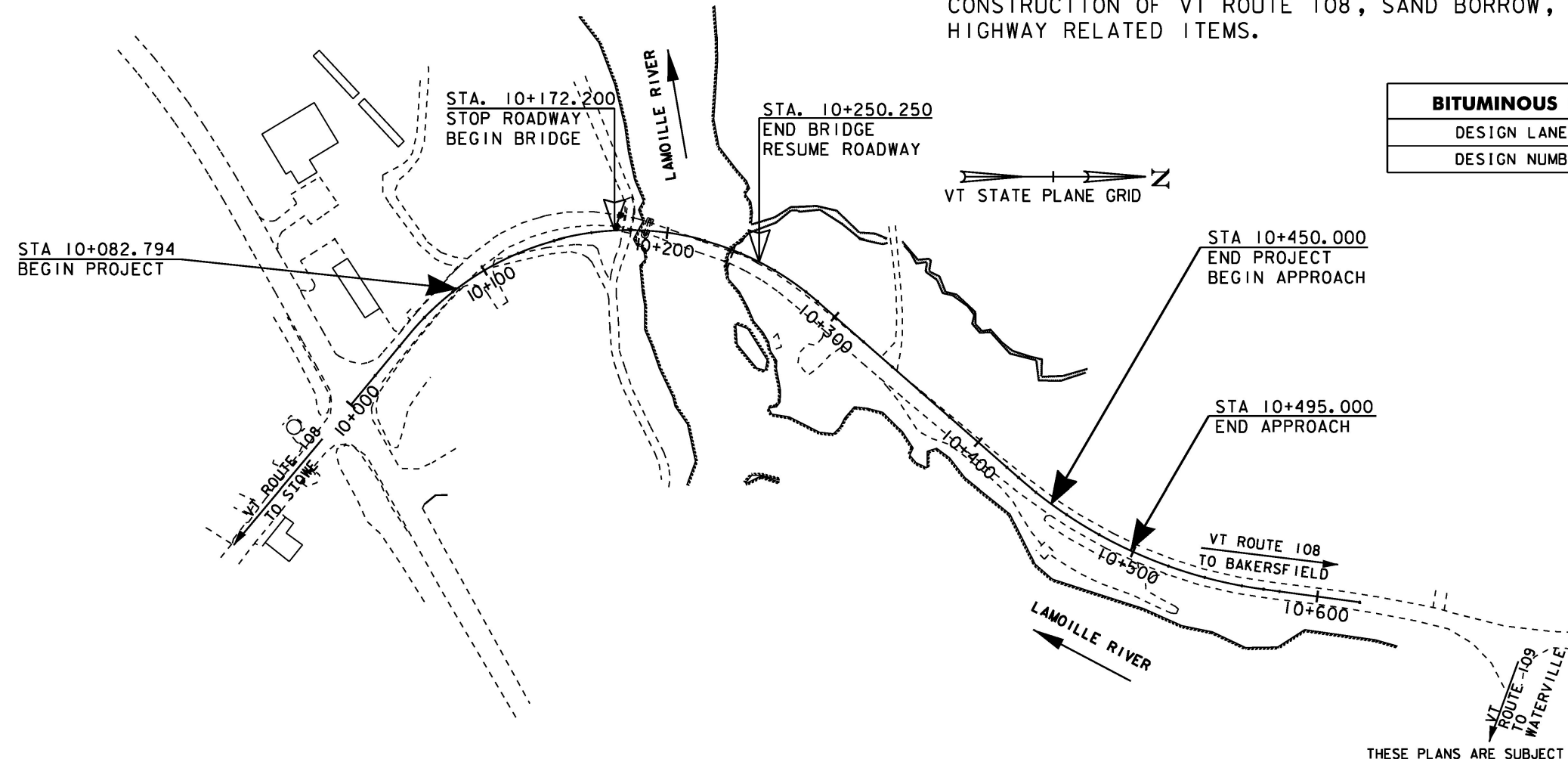
**PROJECT BRF 027-1(4)**

BEGINNING AT A POINT, IN THE TOWN OF CAMBRIDGE, ON VT ROUTE 108, APPROXIMATELY 82.794 M NORTHERLY OF THE VT ROUTE 15 AND VT ROUTE 108 INTERSECTION AND EXTENDING NORTHERLY FOR A DISTANCE OF APPROXIMATELY 367.206 M.  
 LENGTH OF ROADWAY = 289.156 m  
 LENGTH OF BRIDGE = 78.040 m  
 LENGTH OF PROJECT = 367.206 m

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES REMOVAL OF EXISTING BRIDGE NO. 21 AND CONSTRUCTION OF A NEW BRIDGE AND APPROACHES ON AN IMPROVED HORIZONTAL ALIGNMENT, CONSTRUCTION OF VT ROUTE 108, SAND BORROW, SUBBASE, PAVEMENT, DRAINAGE, SIGNS AND OTHER HIGHWAY RELATED ITEMS.

**BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA**

DESIGN LANE/LIFE ESALS (20 YEARS)	512,000
DESIGN NUMBER OF GYRATIONS	65

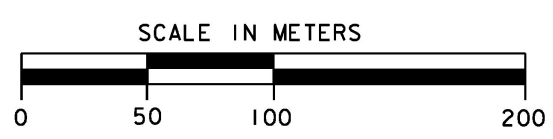


QUALITY ASSURANCE PROGRAM: LEVEL 2

**CONVENTIONAL SYMBOLS**

COUNTY LINE	— — — — —
TOWN LINE	— — — — —
LIMITS OF ACCESS	— — — — —
POINT OF ACCESS	X
FENCE LINE	X — X — X — X —
STONE WALL	o — o — o — o — o —
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 — SR — SR
TOP OF CUT	— — — — —
TOE OF SLOPE	— — — — —

SURVEYED BY : CLD/VTRANS  
 SURVEYED DATE : 12/1998/2010  
 DATUM  
 VERTICAL : NAVD 88  
 HORIZONTAL : NAD 83/96



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

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.

PROJECT MANAGER : M. EVANS-MONGEON  
 PROJECT NAME : CAMBRIDGE  
 PROJECT NUMBER : BRF 027-1 (4)  
 SHEET 125 OF 214 SHEETS