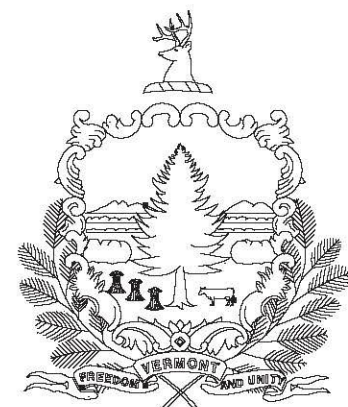


STATE OF VERMONT
AGENCY OF TRANSPORTATION



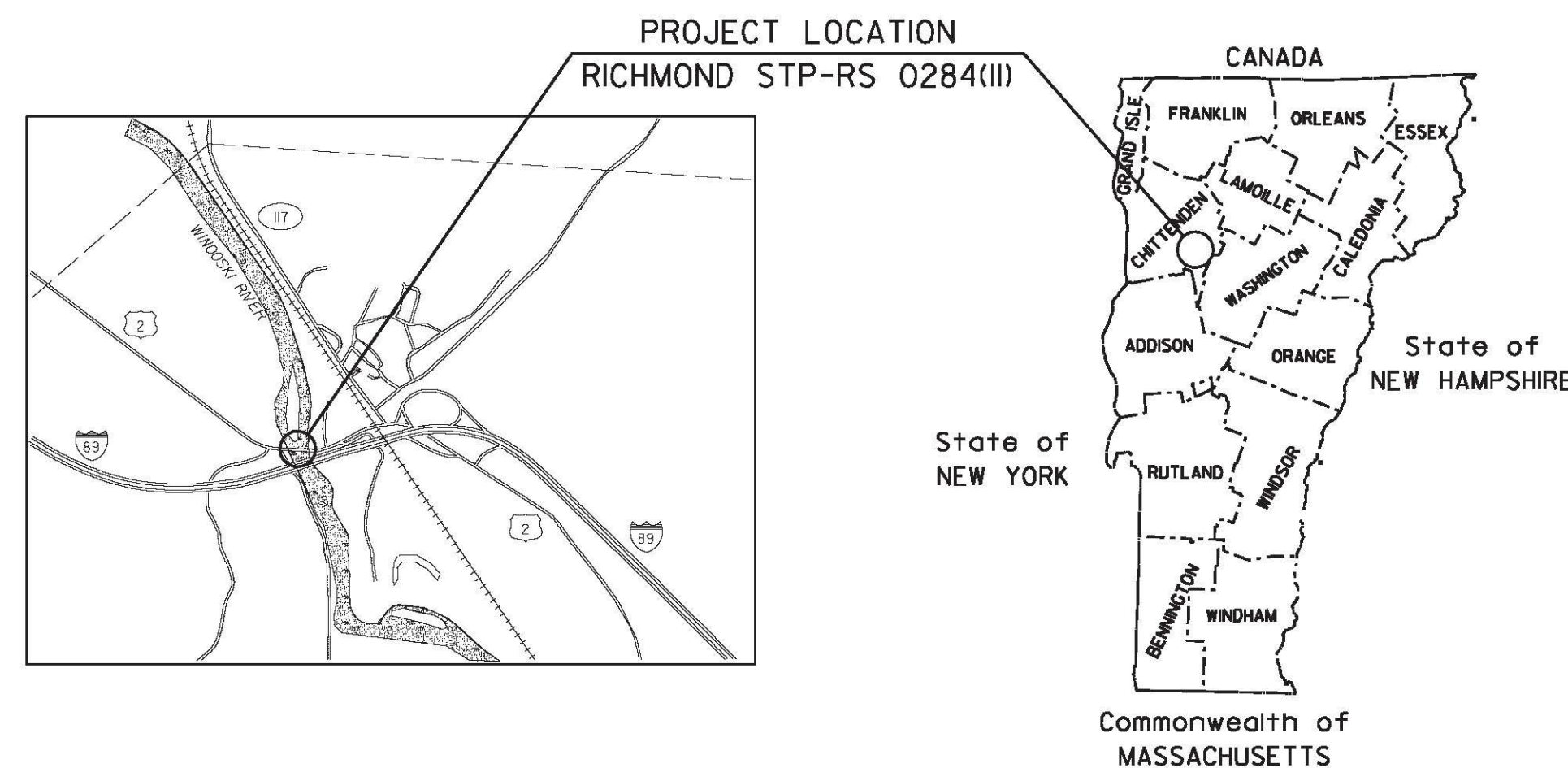
PROPOSED IMPROVEMENT
BRIDGE PROJECT
TOWN OF RICHMOND
COUNTY OF CHITTENDEN

U.S. ROUTE 2
BRIDGE NO. 24
WBS 1-19 ROCK CUT

PROJECT LOCATION: BEGINNING ON U.S. ROUTE 2 APPROXIMATELY 0.568 MILE
EASTERLY OF THE WILLISTON/RICHMOND TOWN LINE AND
EXTENDING EASTERLY 0.316 MILE (1,670 FEET).

PROJECT DESCRIPTION: PROJECT CONSISTS OF REHABILITATING AND WIDENING
EXISTING TRUSS BRIDGE NO. 24 OVER THE WINOOSKI RIVER,
PLACEMENT OF A NEW PRECAST CONCRETE BOX WITH
RELATED ROADWAY WORK AND INCIDENTAL ITEMS.

LENGTH OF STRUCTURE: 356.00 FEET
LENGTH OF ROADWAY: 1,394.00 FEET
LENGTH OF PROJECT: 1,750.00 FEET

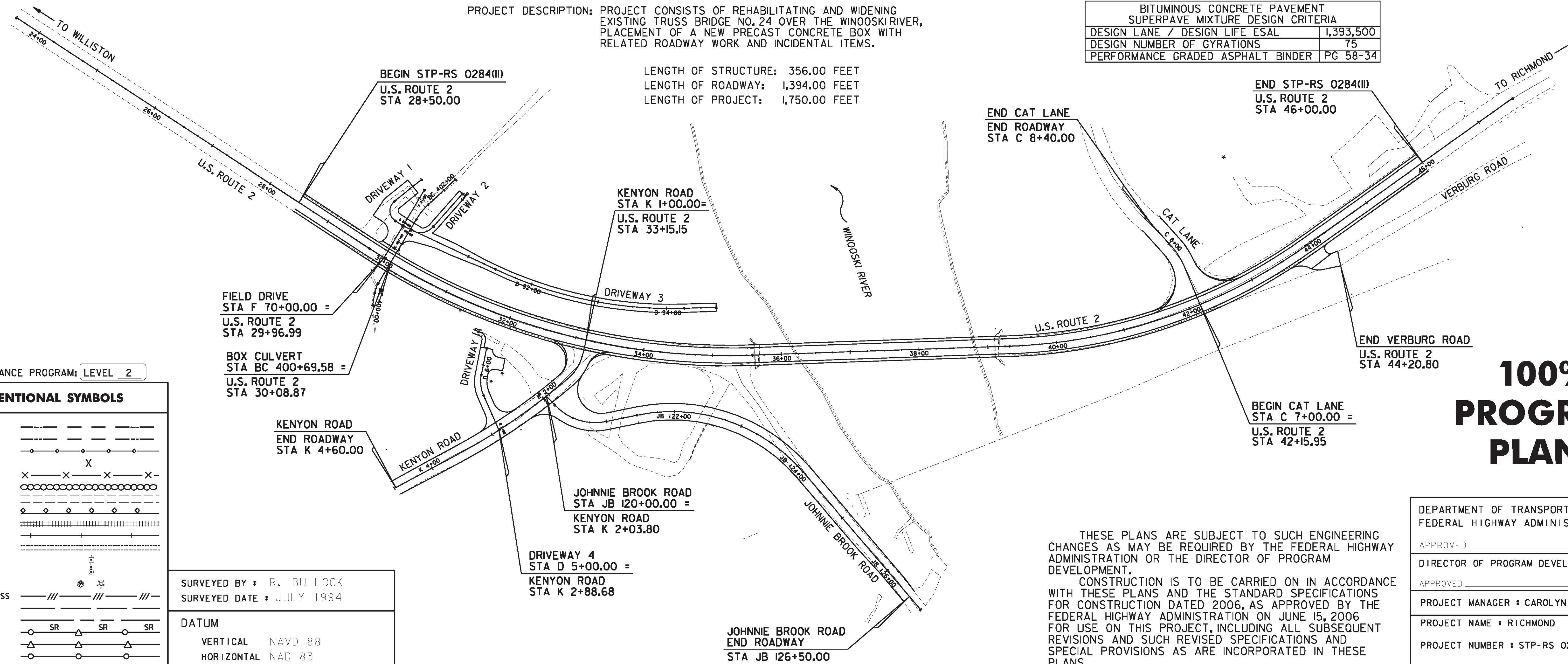


TRAFFIC DATA

2007 ADT	=	4000
2027 ADT	=	5300
2027 ADTT	=	340
2027 DHV	=	600
T	=	4%
D	=	64%
V	=	40 MPH

2007 ~ 2027 CUM. ESALS = 1,101,000
2007 ~ 2047 CUM. ESALS = 2,787,000
MAJOR COLLECTOR

BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE / DESIGN LIFE ESAL	1,393,500
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	PG 58-34

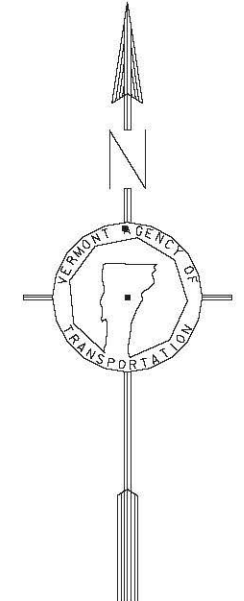


INDEX OF SHEETS

- 1 TITLE SHEET
- 2 TYPICAL SECTION TS-1
- 3 PROJECT LAYOUT P-1
- 4 JOHNNIE BROOK ROAD PROFILE PR-1
- 5 BLASTING ZONE SIGNING BS-1
- 6-II CROSS SECTIONS XS-1 TO XS-6

VAOT STANDARDS

- A-62 06-30-95
- E-102 06-30-03
- E-108 06-08-09
- E-164 06-08-09



QUALITY ASSURANCE PROGRAM: LEVEL 2

CONVENTIONAL SYMBOLS

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

SURVEYED BY : R. BULLOCK
SURVEYED DATE : JULY 1994
DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

**100%
PROGRESS
PLANS**

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 2006, AS APPROVED BY THE
FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006
FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT
REVISIONS AND SUCH REVISED SPECIFICATIONS AND
SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE
PLANS.

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATOR	
APPROVED _____	DATE _____
DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED _____	DATE _____
PROJECT MANAGER : CAROLYN CARLSON	
PROJECT NAME : RICHMOND	
PROJECT NUMBER : STP-RS 0284 (II)	
SHEET 1 OF 11 SHEETS	

FILE NAME = v:\projects\keny\k2\22876\ceadd\mstr\wbs (1-19)\rock cut\96a092.cov.11.dgn
DATE/TIME = 4/13/2011
USER = 3068