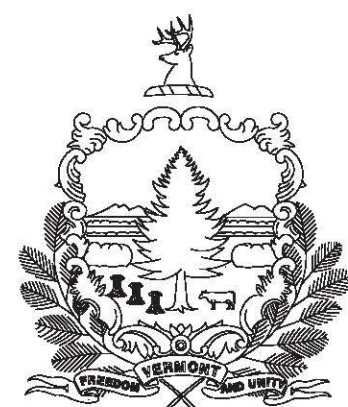


STATE OF VERMONT  
AGENCY OF TRANSPORTATION



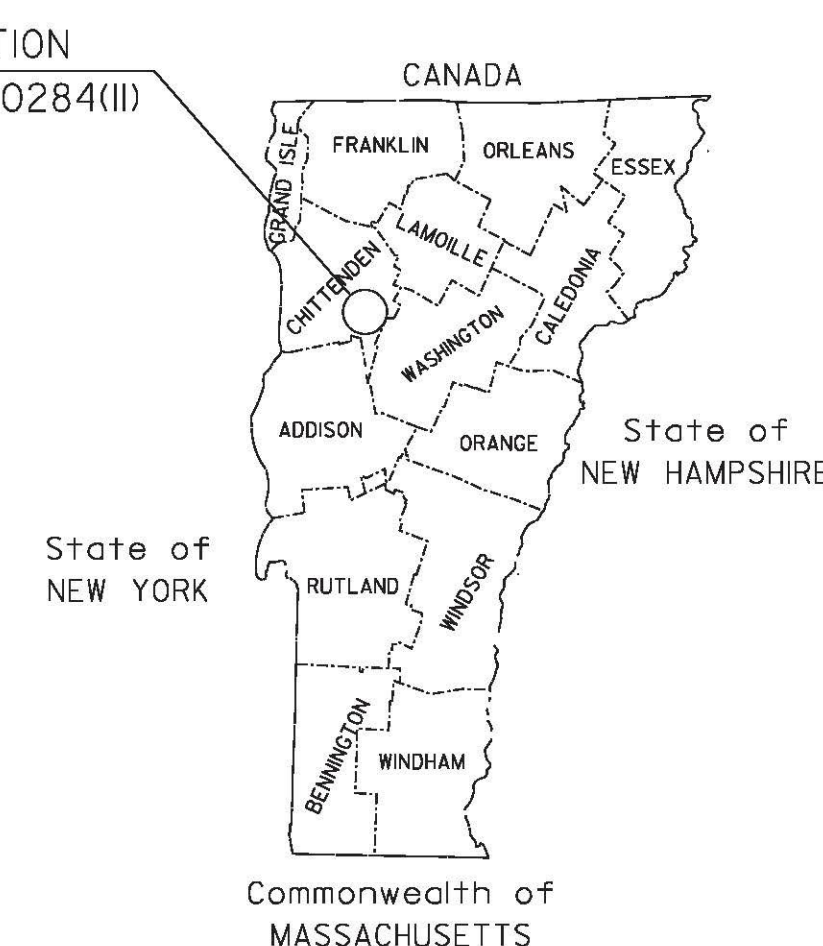
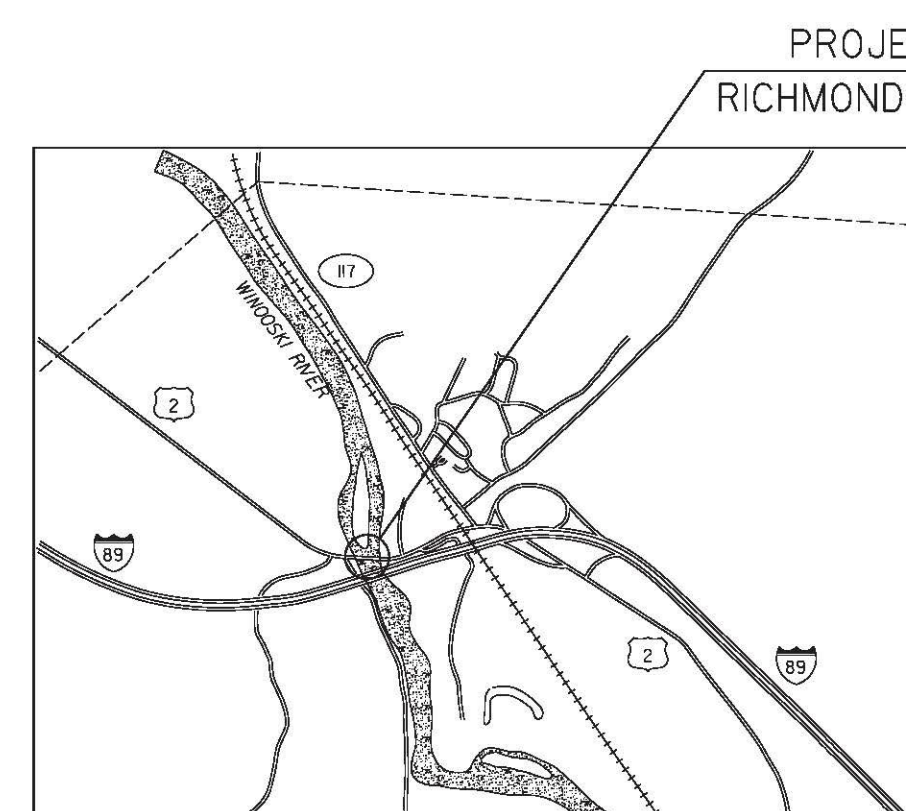
PROPOSED IMPROVEMENT  
BRIDGE PROJECT  
TOWN OF RICHMOND  
COUNTY OF CHITTENDEN

U.S. ROUTE 2  
BRIDGE NO. 24  
WBS 2.7 TRUSS WIDENING

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

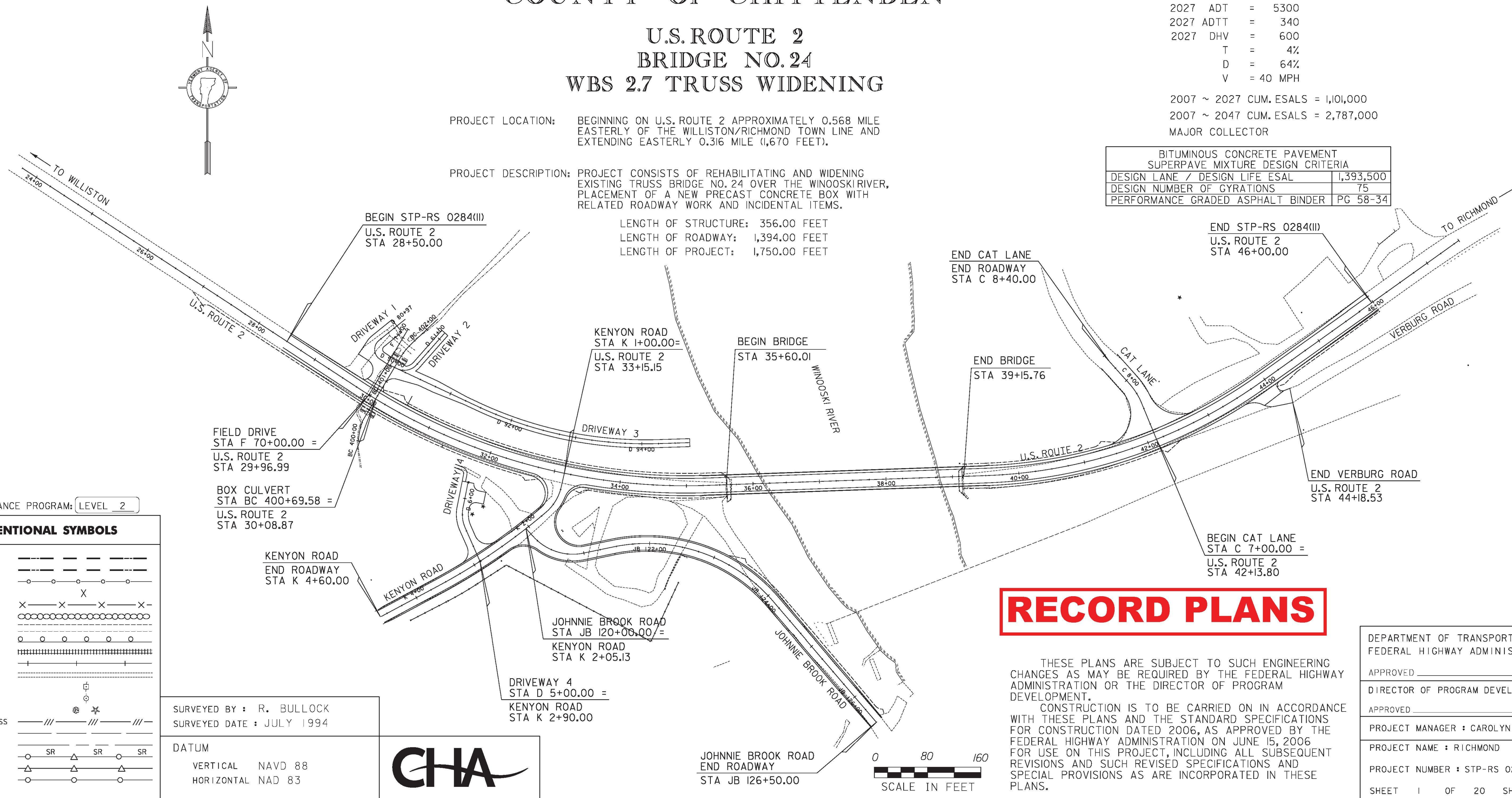


TRAFFIC DATA

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



**RECORD 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 20 SHEETS	

FILE NAME = V:\P\06063\ANY\K2\22076\CAD\WBS\2.7\WIDENING\2.7\WBS\2.7.dgn  
DATE/TIME = 12/23/2011  
USER = 3293

QUALITY ASSURANCE PROGRAM: LEVEL 2

CONVENTIONAL SYMBOLS

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