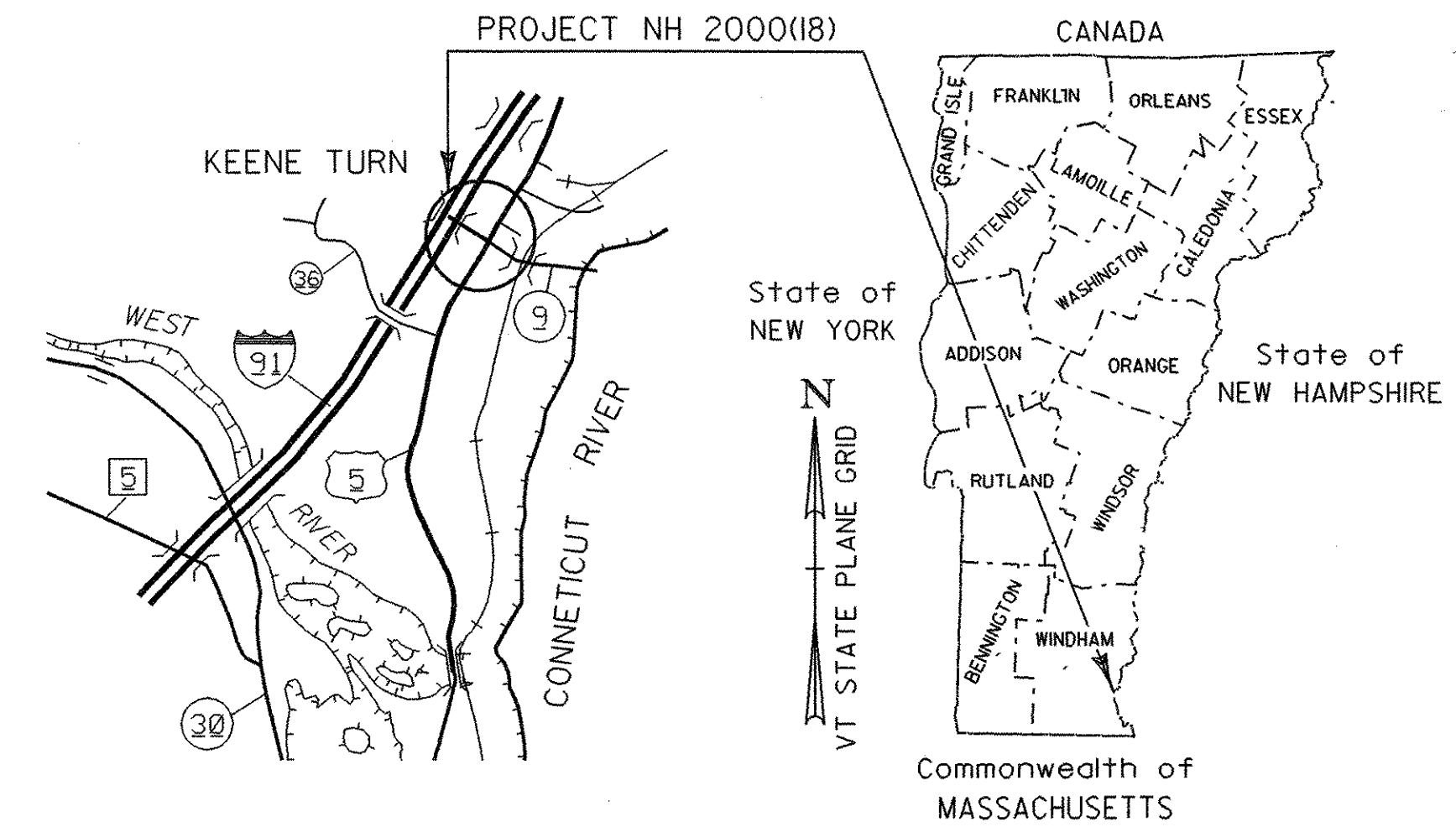


INDEX OF SHEETS  
SEE SHEET 2

STATE OF VERMONT  
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT  
TOWN OF BRATTLEBORO  
COUNTY OF WINDHAM



**RECORD PLANS**

CONTRACTOR: SCOTT CONSTRUCTION - NEWPORT, VT

RESIDENT ENGINEER: J. DEPAOLIS

CONSTRUCTION BEGAN: JUNE 28, 1999

CONSTRUCTION COMPLETE: DECEMBER 14, 1999

RECORD PLANS BY: J. DEPAOLIS

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY J. DePaolis RESIDENT ENGINEER  
DATE 3/25/03

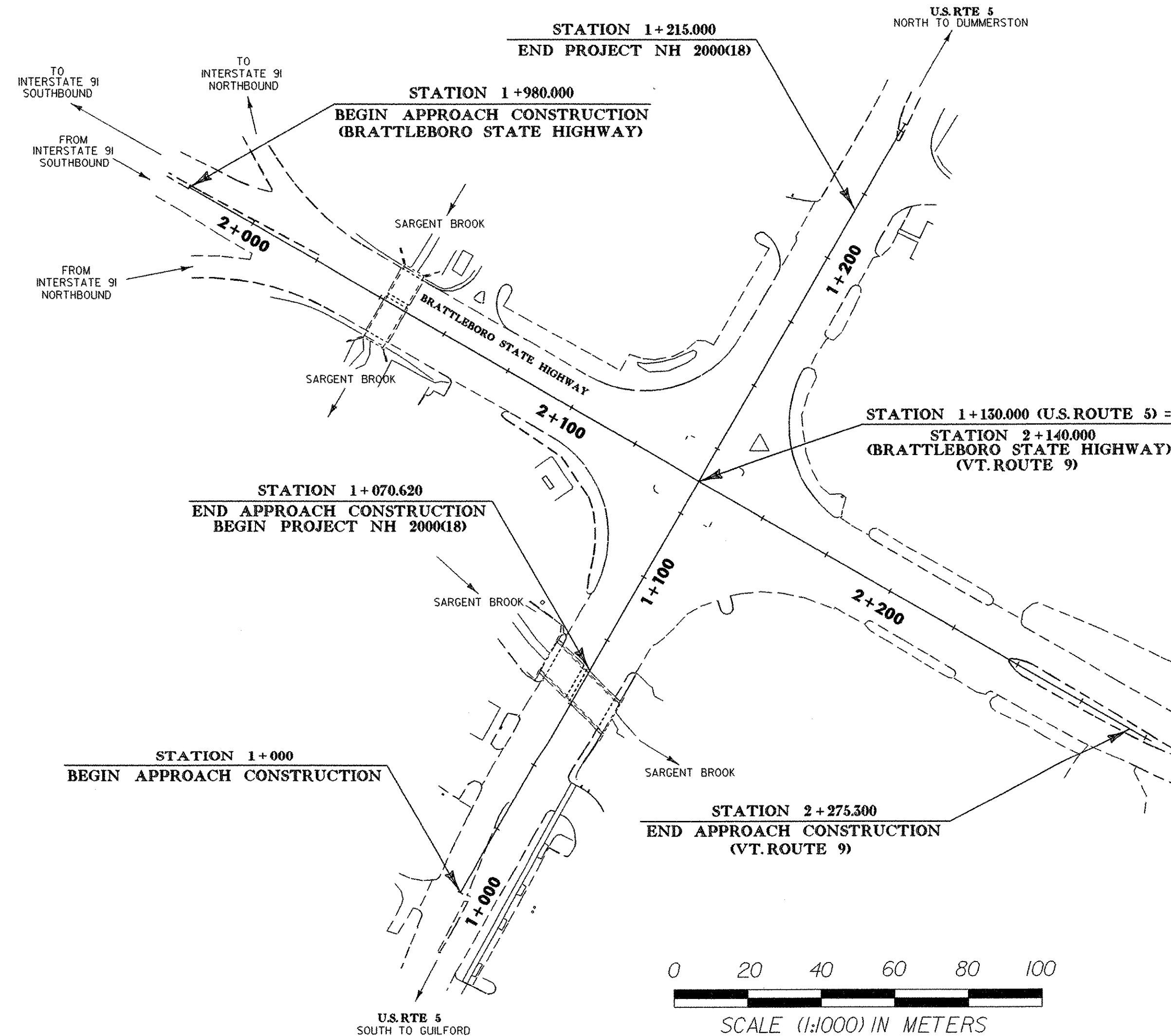
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found on microfilm in Central Files.

U.S. ROUTE 5 & VT. ROUTE 9 & BRATTLEBORO STATE HIGHWAY  
(MINOR & PRINCIPAL ARTERIALS)

BEGINNING ON U.S. ROUTE 5 APPROXIMATELY 1.483 km SOUTH OF THE BRATTLEBORO/DUMMERSTON TOWN LINE AND EXTENDING NORTHERLY THROUGH THE U.S. RTE. 5 / VT. RTE 9 / BRATTLEBORO STATE HIGHWAY INTERSECTION FOR 144.38 m.

LENGTH OF ROADWAY = 144.38 m = 0.144 km  
LENGTH OF PROJECT = 144.38 m = 0.144 km

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE RECONSTRUCTION OF THE U.S.-5, VT.-9, BRATTLEBORO STATE HIGHWAY INTERSECTION WITH NEW PAVEMENT, SUBBASE, DRAINAGE, CURB, AND SIDEWALK



BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LIFE ESALS (DESIGN LANE)	12,065,400
DESIGN NUMBER OF GYRATIONS	109
PERFORMANCE GRADED ASPHALT BINDER	PG 70-28

**TRAFFIC DATA**

	U.S.-5 (SOUTH)	U.S.-5 (NORTH)	BRATTLEBORO STATE HWY. (WEST)	VT.-9 (EAST)
2000 ADT	20,290	15,520	14,360	15,000
2020 ADT	27,800	21,210	18,440	19,200
2020 ADTT	2,020	1,845	2,095	1,555
2020 DHV	2,520	2,230	1,855	1,925
2020 %T	2%	4%	8%	4%
20 YR ESALS	7,369,000	17,042,000	20,109,000	13,836,000
40 YR ESALS	21,413,000	50,41,000	66,550,000	45,693,000

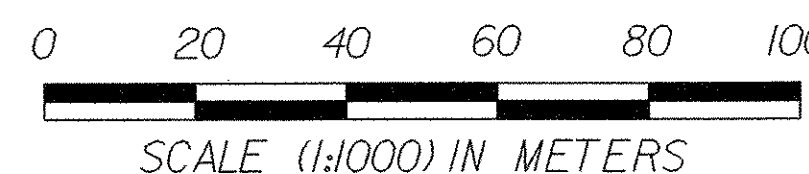
DESIGN SPEED = 70 km/h (ROADWAY)  
DESIGN SPEED = 35 km/h (ROUNDBOUT)

**CONVENTIONAL SIGNS**

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

**DATUM**

VERTICAL	NAVD88
HORIZONTAL	NAD83(92)



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 1995, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON AUGUST 21, 1995 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

**Metric**

APPROVED [Signature] DATE 4/8/99  
DIRECTOR OF ENGINEERING

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
DIVISION ADMINISTRATOR

PROJECT **BRATTLEBORO  
NH 2000(18)**

SHEET 1 OF 67 SHEETS

REVISION 3-10-97 /sqdc/93/d91/dd91H1J  
dd91bdr.dgn