(SHEET NO. 094046)

E094.000M E308.600FT E094.500M E095.000M E311.600FT

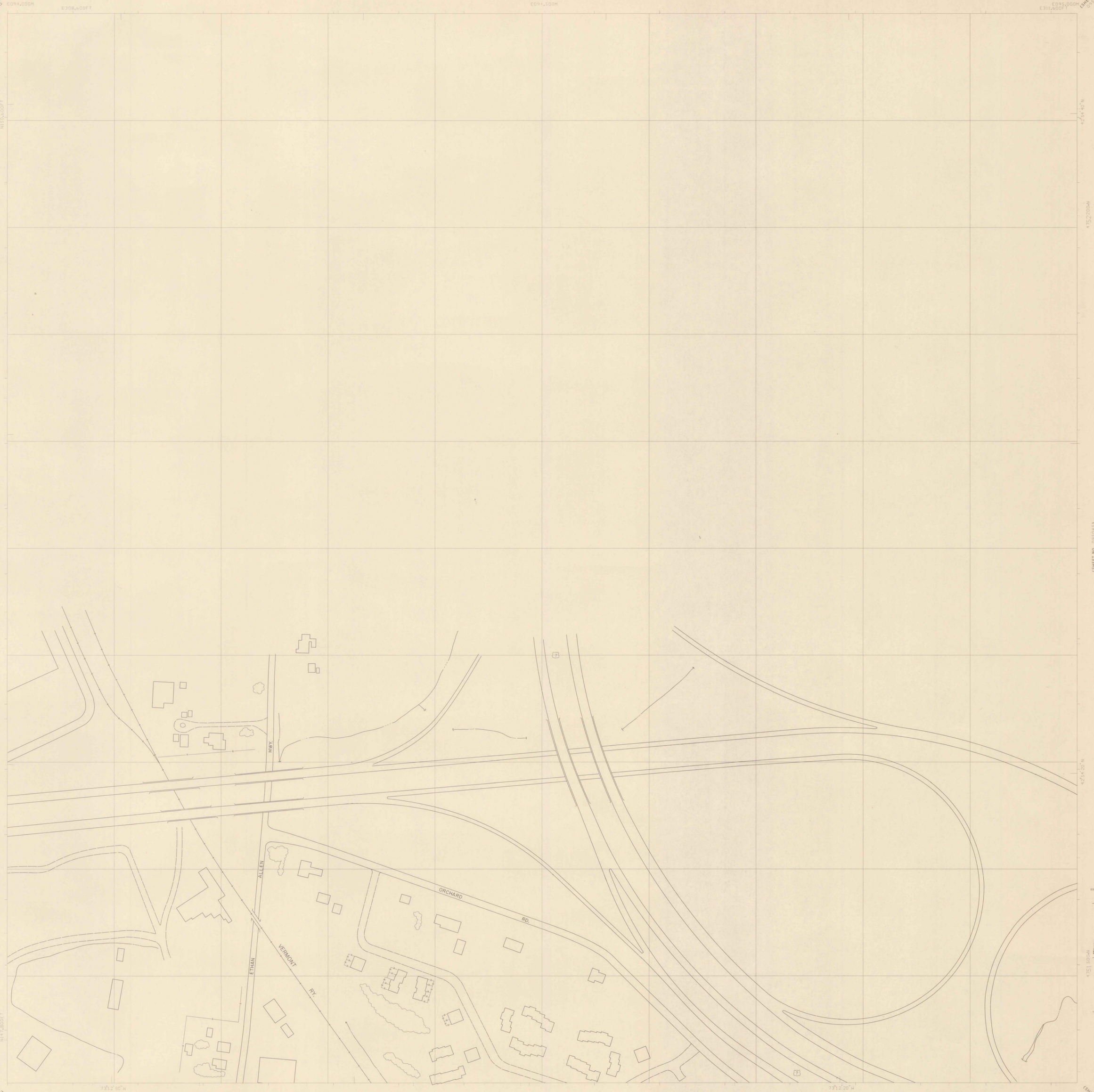
N046.000M N150.000FT N045.500M N045.000M

W147.2808FT

73°12'50"W 73°12'20"W

645900mE 646600mE

4754 500m 4754 000m



(SHEET NO. 094044)

SCALE 1:1250

Metres 25 0 25 50 75 100 125 150 175 200 225 250
Kilometres 0.01 0.02 0.03 0.04 0.05 0.06 0.07 0.08 0.09 0.10 0.11 0.12 0.13 0.14
Feet 100 0 100 200 300 400 500 600 700 800
Yards 50 0 50 100 150 200 250
Rods 5 0 5 10 15 20 25 30 35 40
Chains 1 0 1 2 3 4 5 6 7 8 9 10
Miles 0.01 0 0.01 0.02 0.03 0.04 0.05 0.06 0.07 0.08 0.09 0.10 0.11 0.12

ELEVATIONS SHOWN IN METRES
(1 METRE = 3.2808 FEET)
DATUM IS MEAN SEA LEVEL

(SHEET NO. 094045)

SCALE 1:1250

Metres 25 0 25 50 75 100 125 150 175 200 225 250
Kilometres 0.01 0.02 0.03 0.04 0.05 0.06 0.07 0.08 0.09 0.10 0.11 0.12 0.13 0.14
Feet 100 0 100 200 300 400 500 600 700 800
Yards 50 0 50 100 150 200 250
Rods 5 0 5 10 15 20 25 30 35 40
Chains 1 0 1 2 3 4 5 6 7 8 9 10
Miles 0.01 0 0.01 0.02 0.03 0.04 0.05 0.06 0.07 0.08 0.09 0.10 0.11 0.12

LEGEND

BUILDINGS	
BUILDINGS UNDER CONSTR.	
ROADS PAVED	MAIN ST.
ROADS UNPAVED	OLD RD.
TRAILS & PATHS	
RAILROADS	MAINE R.R.
RIVERS, LAKES & PONDS	RIVER LAKE
STREAMS & MAJOR DITCHES	BROOK
WALLS	stone WALL other WALL
FENCES	
CONTROL POINTS	vert. horiz.
STATE BOUNDARY	VERMONT NEW YORK
TREE LINES	
HEDGES	
TOPOGRAPHIC NAMES	Big Top Hill
HIGHWAY ROUTE NUMBERS	91 5
TRANSMISSION LINES	

E080.000m E200.000m N200.000m N160.000m N060.000m

CANADA FRANKLIN ORLEANS ESSEX GRAND ISLE LAMOILLE CALEDONIA CHITTENDEN WASHINGTON ADDISON ORANGE WINDSOR RUTLAND WINDHAM BENNINGTON WINDSOR MASSACHUSETTS

SHEET LOCATION MAP

NOTICE

VERMONT STATUTES TITLE 32 VSA SEC. 3409(E) , PROVIDES THAT "A PERSON WHO WITHOUT THE WRITTEN AUTHORIZATION OF THE COMMISSIONER (OF TAXES), COPIES, REPRINTS, DUPLICATES, SELLS, OR ATTEMPTS TO SELL ANY MAP PREPARED UNDER THIS CHAPTER SHALL BE FINED NOT TO EXCEED $1,000.00."

ORTHOPHOTOMAP PRODUCED BY RAYTHEON-AUTOMETRIC FROM AERIAL PHOTOGRAPHS TAKEN SPRING 1976

AERIAL FILM PROCESSING BY MEAD TECHNOLOGY LABS

GROUND CONTROL BY NGS AND USGS
ANALYTICAL DENSIFICATION OF CONTROL BY DBA SYSTEMS

500 METRE GRID BASED ON VERMONT COORDINATE SYSTEM
TRANSVERSE MERCATOR PROJECTION, 1927 NORTH AMERICAN DATUM

PROJECT DIRECTOR FOR STATE OF VERMONT, EMERSON F. BAKER

THE COORDINATE SYSTEMS

VERMONT COORDINATE SYSTEM IN METRES
This map projection is based on the statutory Vermont Plane Coordinate System (VCS) shown by the full-whole grid at 100 metre intervals. Numerical indicators of the coordinate values are placed at sheet corners and sheet centers along the west and north (left and upper) sheet borders.

VERMONT COORDINATE SYSTEM IN FEET
Black ticks on all four borders at 200 foot intervals are shown with numerical indicators along the west and north sheet borders.

UNIVERSAL TRANSVERSE MERCATOR (UTM)
Black broken ticks on all four borders at 100 metre intervals are shown with numerical indicators along the south and east sheet borders. These grid ticks represent the UTM network in Zone 18T and 19T west and east, respectively, of Longitude 72°00' West.

GEOGRAPHIC COORDINATES
White ticks on all four borders of the sheet (within the photo image area) are shown at 10 second intervals with numerical indicators along the south and east sheets borders.

VCS
TRUE
MAG
UTM
0°28'
13°38'
1°41'

NORTH DATA
ANGLES ARE REFERENCED TO TRUE NORTH

OFFICIAL
VERMONT BASE MAP
VERMONT DEPARTMENT OF TAXES

BENNINGTON, ROUTE 7 NORTH
SHEET NO. 094045
SERIES 1250 1976