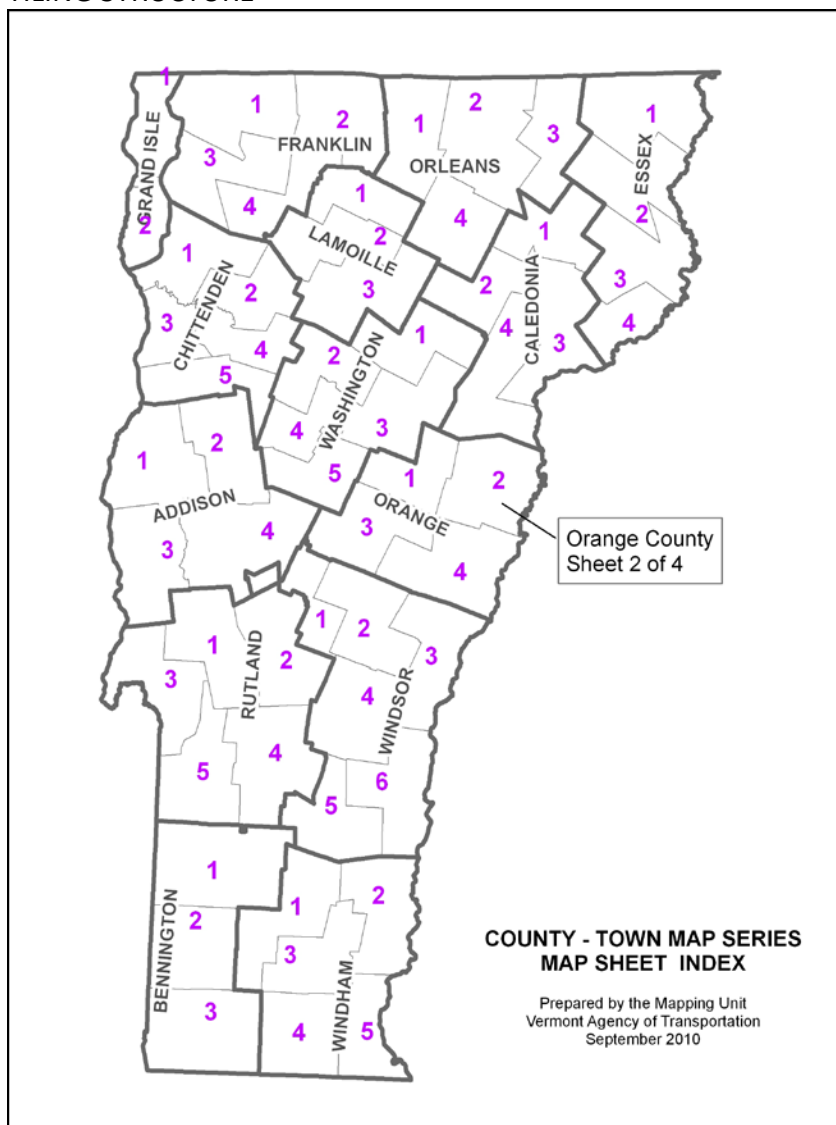


This map series is inspired by the County-Town map series produced by the Agency in the 1980's. One use for the maps would be as a base for viewing multi-town issues with a more regional perspective. They are designed for a 36 x 24 inch page format, but can be printed at other scales as desired through PDF-reading software.

The maps feature the public roads of Vermont. The major routes (ranging from principal arterials to minor collectors) are highlighted. Also included are the town highway numbers and names of many of the town highways. Other features include the locations of police stations, fire stations, and hospitals.

What makes this atlas unique in comparison to other atlas products is the County-Town tiling structure that ensures that at least one map sheet will contain a particular town in its entirety.

TILING STRUCTURE



SOURCE DATA DETAIL

Highway Shield (Route Identifier)

A custom layer created for this atlas.

Highways (Interstate through Discontinued Highway)

VTrans Road Centerline data layer available from VCGI* as VT Road Centerline.

Federal Aid Route

Extracted from the VTrans Road Centerline data layer available from VCGI.

Emergency Response Site

The Police and Fire information was extracted from the VT E911 Site Locations (building address points), data layer available from VCGI as E911 Sites.

Hospital

Custom built for this atlas. The information contained in this layer was based on the USGS Geographics Names Information System (available from VCGI as VT Geographic Names), plus the directory of hospitals posted by the Vermont Association of Hospitals and Health Systems (<http://www.vahhs.org>). For this atlas, only hospitals with emergency rooms were included.

Buildings

From VT E911 Site Locations (building address points) data layer available from VCGI as E911 Sites.

Localities and State Capital

From the USGS Geographics Names Information System (GNIS), available from VCGI as VT Geographic Names.

Bridge or Culvert

From Vermont Bridges and Culverts, available from VCGI as VT Long Structures - Bridges and Culverts and VT Short Structures - Bridges and Culverts.

Water Body and Stream or Brook

From the Vermont Hydrography Dataset - Cartographic version, available from VCGI as WaterHydro_VHDCARTO

Public Airport

Custom built data layer used in the Town Highway Mapping System. It was built by digitizing the outlines of the airport features using 1:5000 orthophotos, except Burlington International Airport which was digitized using 1:1250 orthophotos.

* Vermont Center for Geographic Information
VCGI - Your source for Vermont's geospatial data, information, and activities.
Vermont's Open GeoData Portal-- <http://geodata.vermont.gov>

Boundaries (State through Urban Compact)

Based on the boundary data layer known as VT Boundaries - all lines through VCGI, but adjusted as needed for use in the VTrans Town Highway Mapping System.

MAP-PDF GENERATION

The atlas was produced using ESRI ArcMap 10.4.1 Data Driven Pages.

The 58 individual map sheets were exported out of ArcMap into PDF format using these settings:

Dots per inch: 600

Output image quality: Best

Destination colorspace: RGB (red-green-blue)

Compressed vector graphics: On

Image compression: Adaptive

Picture symbol: Rasterize layers with bitmap markers/fills

Embed all document fonts: On

Layers and attributes: None

Export map georeference information: Off

The map sheets were then grouped by county into 14 PDF files using Adobe Acrobat Pro XI.

County - Town Map Series produced by:

Vermont Agency of Transportation (VTrans)

Division of Policy, Planning and Intermodal Development - Mapping Section

1 National Life Drive

Montpelier, VT 05633-5001

Tel: 802-828-2600

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