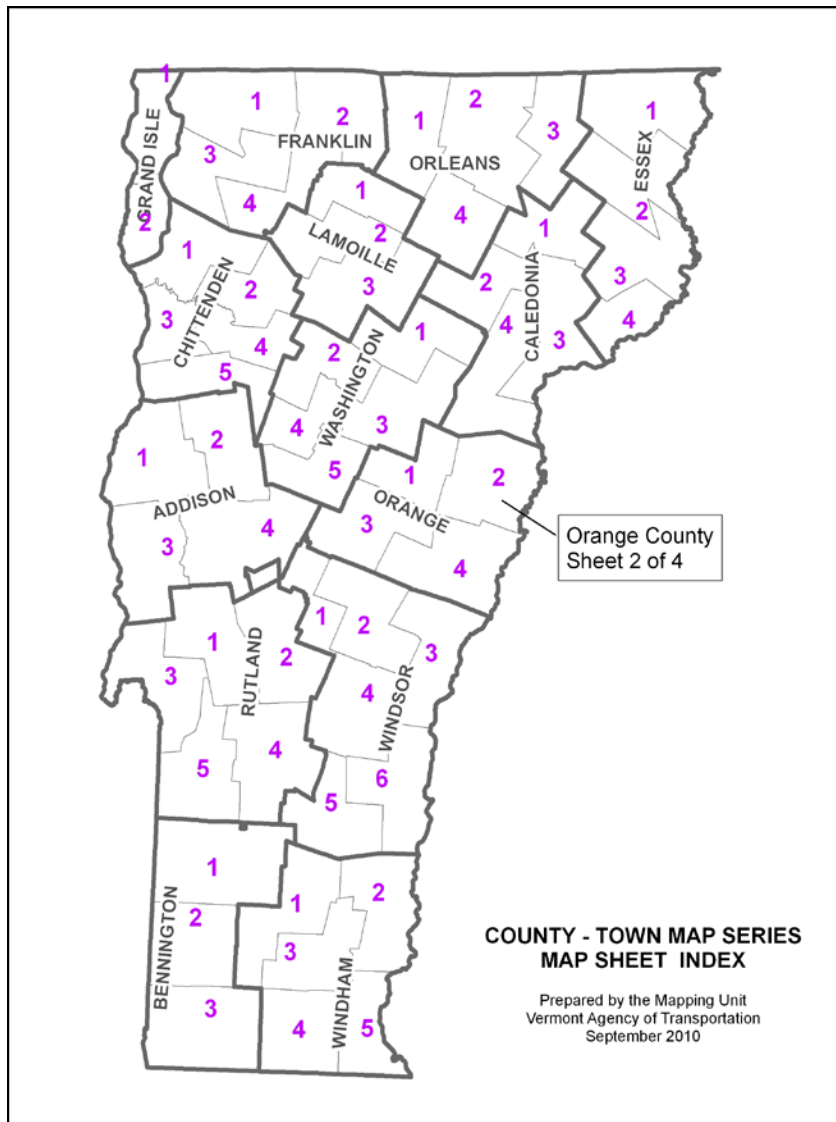This map series is inspired by the County-Town map series produced by the Agency in the 1980's. One use for the maps would be as a base for viewing multi-town issues with a more regional perspective. They are designed for a 36 x 24 inch page format, but can be printed at other scales as desired through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

COUNTY - TOWN MAP SERIES
MAP SHEET INDEX

Prepared by the Mapping Unit
Vermont Agency of Transportation
September 2010

SOURCE DATA DETAIL

Highway Shield (Route Identifier)
A custom layer created for this atlas.

Highways (Interstate through Discontinued Highway)
Data layer available from the Vermont Open Geodata Portal (http://geodata.vermont.gov/):
VT Road Centerline.

Federal Aid Route
Extracted from the above VT Road Centerline data layer.

Emergency Response Site
Data layer available from the Vermont Open Geodata Portal:
    VT Data - E911 Site Locations (address points)

Hospital
Custom built for this atlas. The information contained in this layer was based on the USGS
Geographic Names Information System (GNIS), 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
Data layer available from the Vermont Open Geodata Portal:
    VT Data - E911 Site Locations (address points)

Localities and State Capital
From the USGS Geographic Names Information System (GNIS).

Bridge or Culvert
Data layers from the Vermont Open Geodata Portal:
    VT Long Structures – Bridges and Culverts
    VT Short Structures – Bridges and Culverts.

Water Body and Stream or Brook
Data layers from the Vermont Open Geodata Portal:
    VT Hydrography Dataset - cartographic extract lines
    VT Hydrography Dataset - cartographic extract polygons.

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.

Boundaries (State through Urban Compact)

Based on the boundary data layer available as VT Data - Town Boundaries in the Vermont Open Geodata Portal, 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: Export PDF Layers Only

Export map georeference information: On

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

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