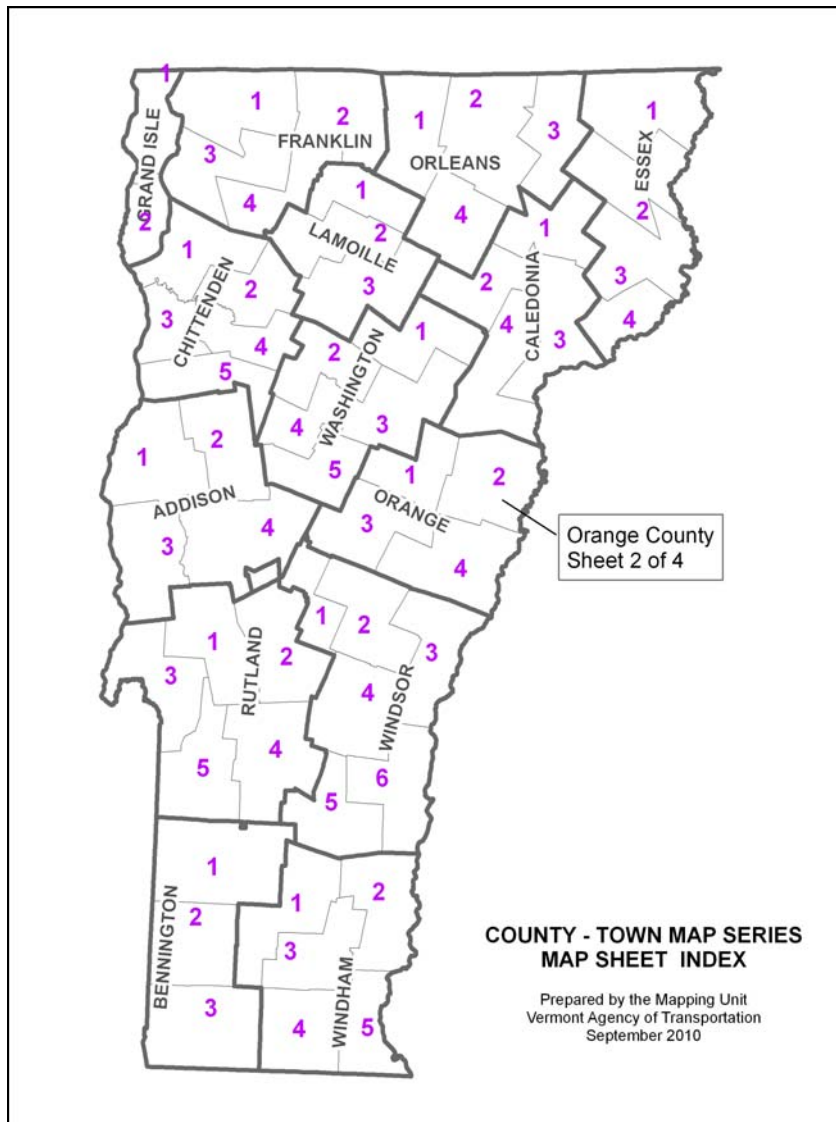


This map series is inspired by the County-Town map series last produced by the Agency in the 1980's. One use for the maps would be as a base for viewing multi-town issues with a more regional perspective. They are designed for a 36 x 24 inch page format, but can be printed at other scales as desired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

Railroad

VTrans Railroad Centerline, data layer available from VCGI as TransRail_RR.

Federal Aid Route

VTrans Road Centerline, data layer available from VCGI as TransRoad_RDS.

VTrans District Office

VTrans maintenance facilities, data layer available from VCGI as TransOther_MAINTFAC.

Emergency Response Site

The Police and Fire information was from E911 Esites, data layer available from VCGI as EmergencyE911_ESITE.

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 BasemapLandmarks_GEONAME), 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.

Cemetery and Building

From E911 Esites, data layer available from VCGI as EmergencyE911_ESITE.

Localities and State Capital

From the USGS Geographics Names Information System, available from VCGI as BasemapLandmarks_GEONAME.

Bridge or Culvert

From Vermont Bridges and Culverts, available from VCGI as TransStructures_TRANSTRUC.

Water Body and Stream or Brook

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

* Vermont Center for Geographic Information
VCGI - Your source for Vermont GIS data, information, and events
Vermont GIS Data Warehouse -- <http://www.vcgi.org/dataware/>

Public Land

From the Public Lands Extract from the "Vermont Conserved Lands DB", available from VCGI* as CadastralPublands_CONSPUB

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 known as "BNDHASH", available from VCGI as BoundaryOther_BNDHASH, but adjusted as need for use in the Town Highway Mapping System.

MAP-PDF GENERATION

The atlas was produced using ESRI ArcMap 10 SP3 Production Mapping MPS-Atlas. The 58 individual map sheets were exported out of ArcMap into PDF format using these settings:

- Dots per inch: 600
- Output image quality: Normal
- Destination colorspace: RGB (red-green-blue)
- Compressed vector graphics: On
- Image compression: LZW
- Picture symbol: Rasterize layers with bitmap markers/fills
- Embed all document fonts: On
- Layers and attributes: None
- Export map georeference information: On

The map sheets were then grouped by county into 14 PDF files using Adobe Acrobat 9 Professional.

County - Town Map Series produced by:
Vermont Agency of Transportation (VTrans)
Division of Planning, Outreach and Community Affairs - Mapping Unit
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Montpelier, VT 05633-5001
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