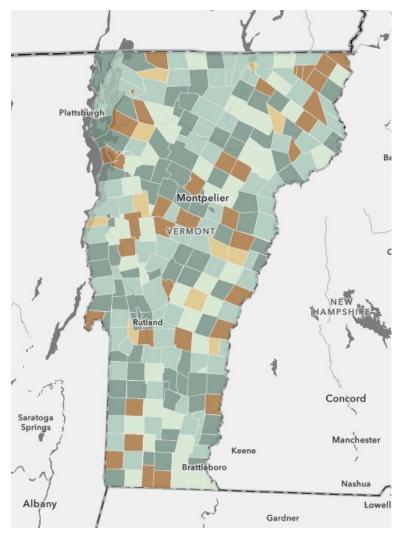
Mapping Bristol for the Future

Vermont Parcel Viewer

- State maintained mapping service
- Provides data on land ownership, property descriptions
- Parcels come from town tax map data



Vermont Parcel Program

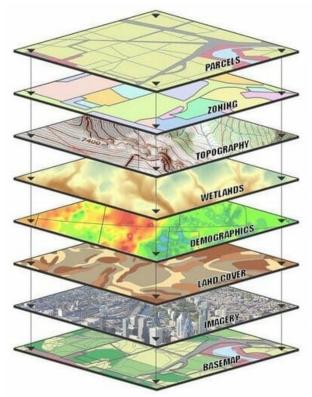
- 2017-2019 Project to make municipal parcel data more accessible
- Set digital standards
- Last time Bristol Updated Data

What is GIS?

 Global Information Systems: computer systems that store, analyze and display geospatial data

Benefits:

- Connect spatial locations with non-spatial data
- Long term planning analysis
- Efficiency
- Communication

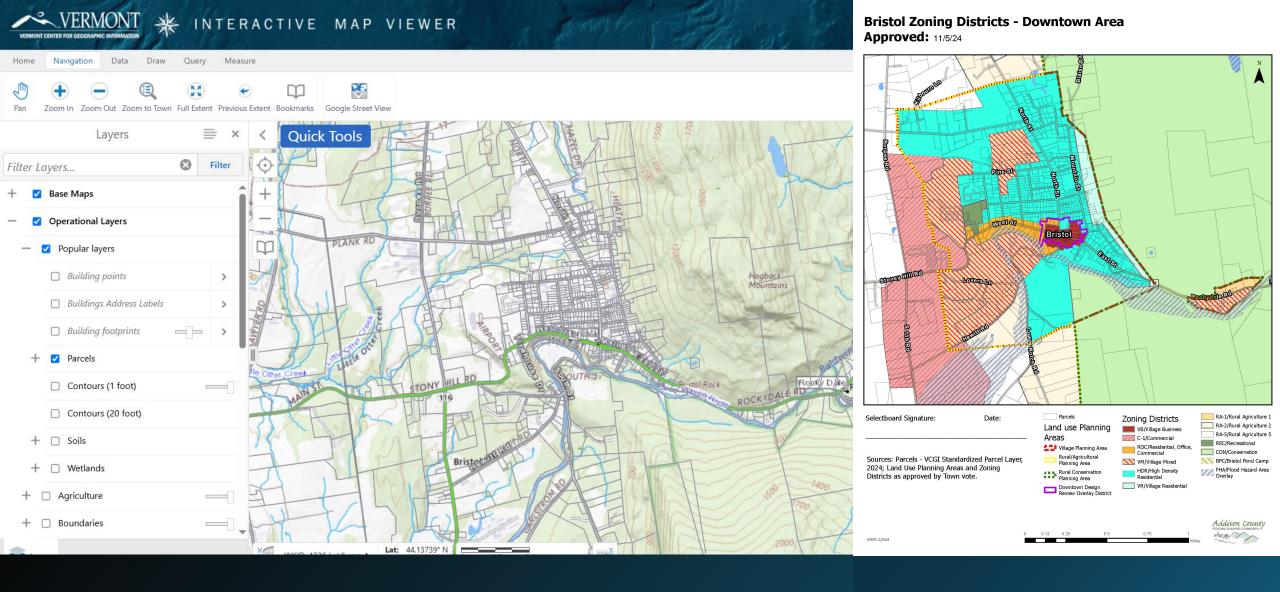


GIS DATA LAYERS

Many different types of data can be integrated into a GIS and represented as a map layer.

Examples can include: streets, parcels, zoning, flood zones, client locations, competition, shopping centers, office parks, demographics, etc.

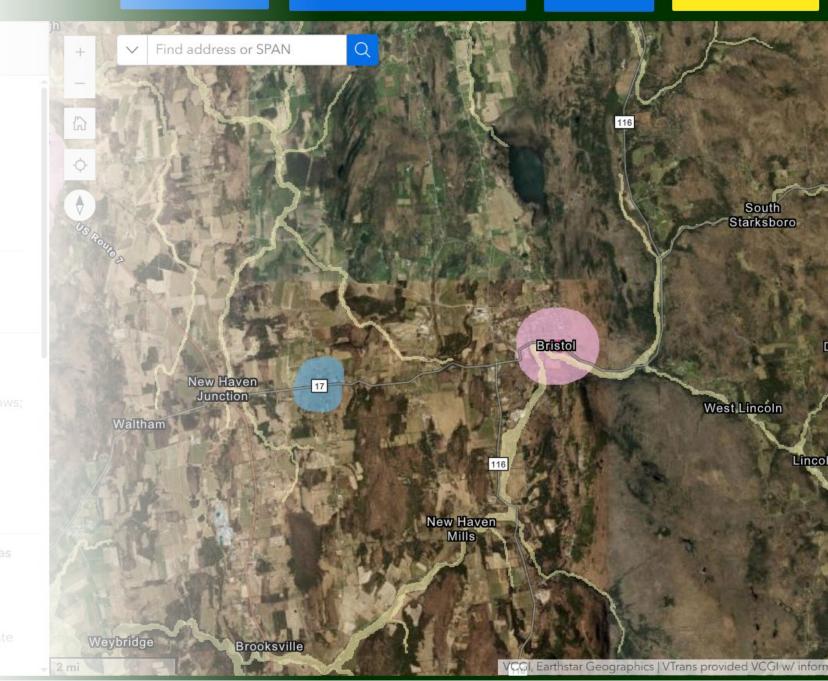
When these layers are drawn on top of one another, undetected spatial trends and relationships often emerge. This allows us to gain insight about relevant characteristics of a location.



Who is Using GIS?

LOOKING LONG TERM

- Compatibility with State and Regional data
 - Act 181 and Future Land Use (FLU) Mapping Areas
- Public Data & Information
- Benefits for Town Offices
 - Compatibility with NEMRC
 - Planning Project Possibilities



Current Mapping

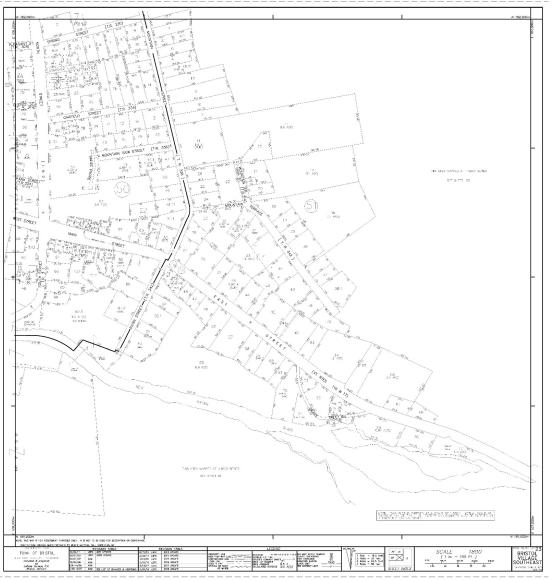




GIS DATA



CAD Data



Where is the Problem?

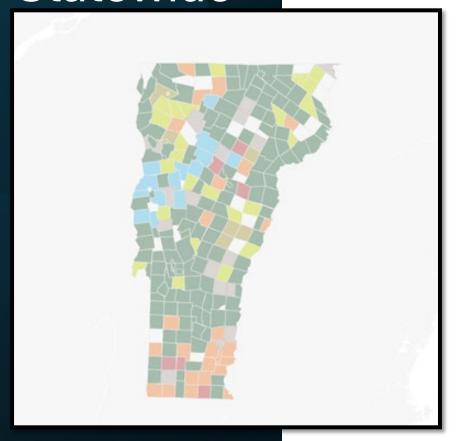
Outdated Data

Incompatible Data type

Ease of Use



GIS Mapping Vendors Used Statewide



CAI technologies

CTI

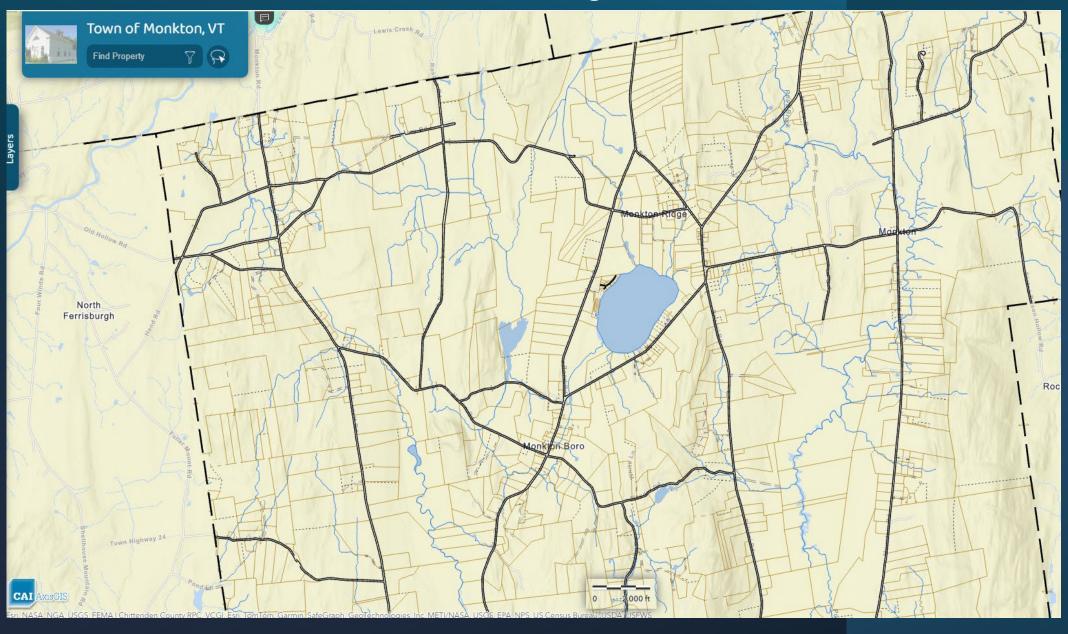
Chris Chamberlain

NEMRC

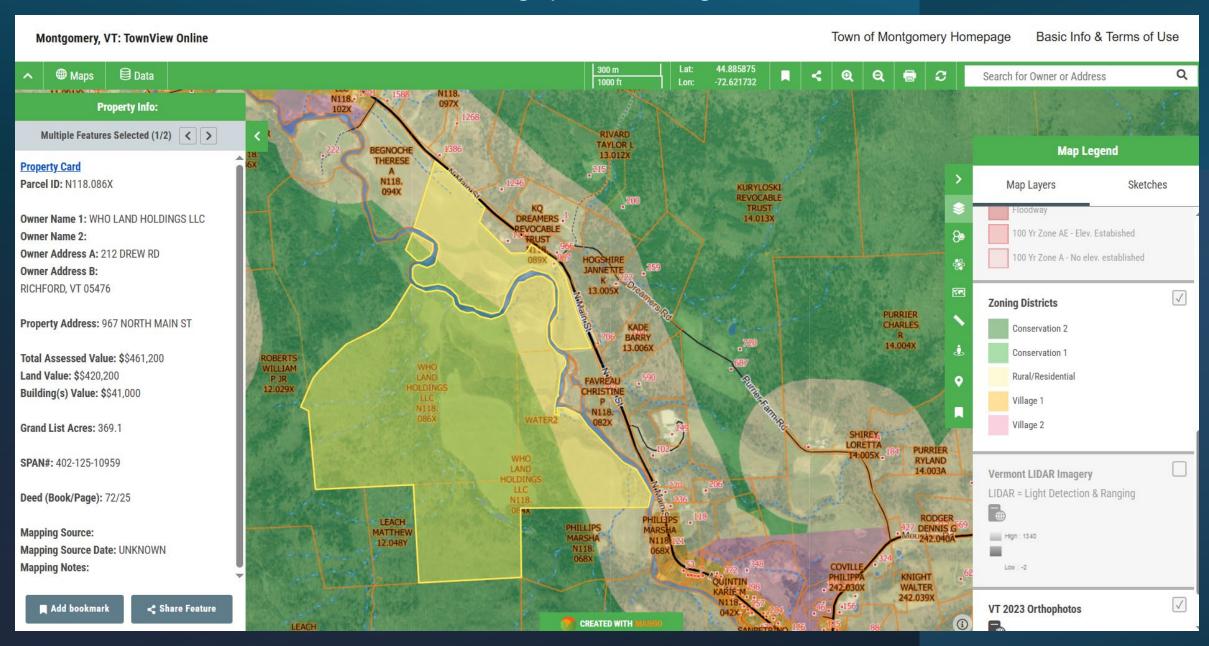
Regional Planning Commission

Town Managed GIS

CAI Technologies

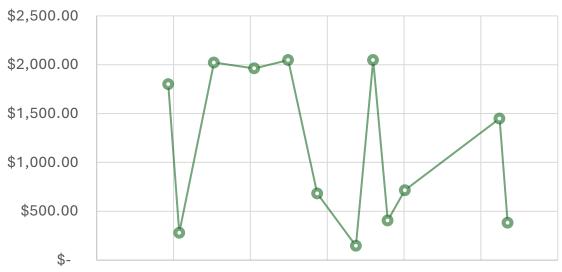


Cartographic Technologies Inc



Current Costs

Payment Made to LaRose Surveys 2012-2024



7/6/2009 4/1/2012 12/27/20149/22/2017 6/18/2020 3/15/2023 12/9/2025

Average Payment: \$1161.85

Cost Estimates

CAI Technologies

Set Up Costs:

Option 1: No CAD conversion

\$3,000 (one time set up fee)

\$3,000 (annual fee)

Total: \$6,000

Option 2: CAD conversion

 $\$11,\!000$ (combination & formatting of CAD and RPC GIS data)

\$3,000 (annual fee)

Total: \$14,000

Annual Cost: \$3,000

Cartographic Technologies Inc.

Correct & Update GIS Maps \$11,475

Provide New Tax Maps \$3,325

Total: \$14,800

Estimated Annual Cost: \$1,115

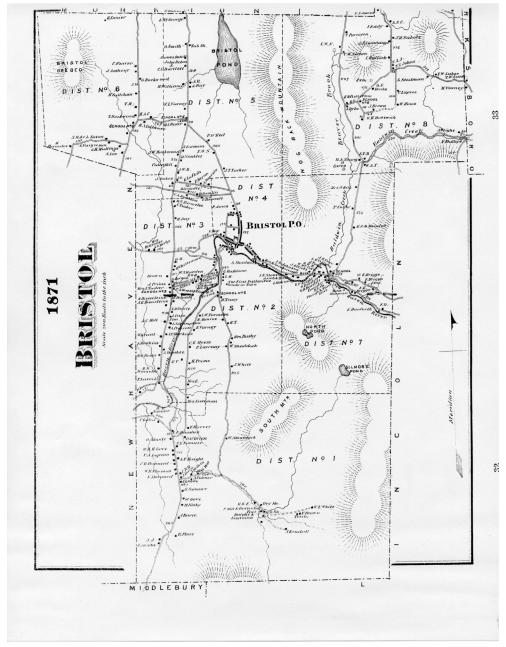
Funding Sources

Lister Department:

Map Maintenance \$1,500

Professional Services \$12,500

Questions?



History of Bristol, Vermont, 1762, , pp. 32-33. https://freepages.rootsweb.com/~raymondfamily/genealogy/Vermont/VermontMaps.html