



# FINAL REPORT PURSUANT TO ACT 68 OF 2023: STATEWIDE REAPPRAISALS AND PROPERTY DATA

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House Committee on Ways and Means

February 6th, 2025

Agency of Digital Services | Vermont Center for Geographic Information (VCGI)

[John E. Adams](#), Director  
[Tim Terway](#), Program Manager



# What VCGI Does



## BUILD

Foundational  
Datasets  
(Spatial Data  
Infrastructure)



## LEAD

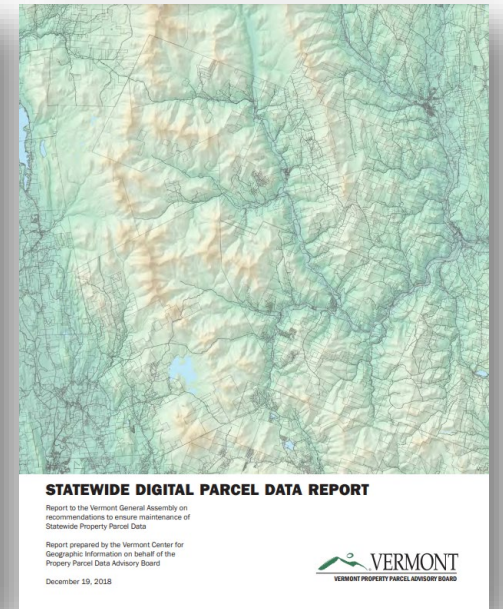
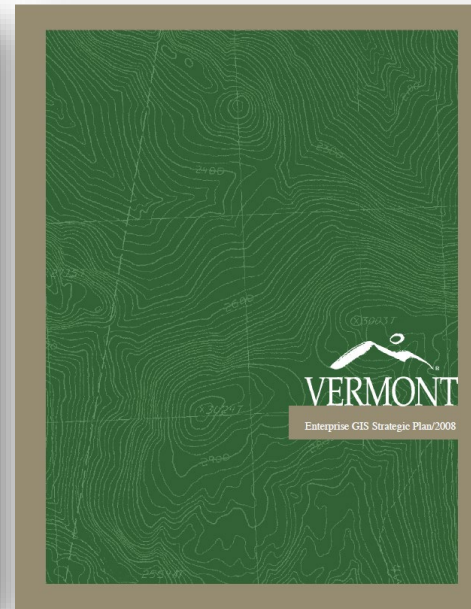
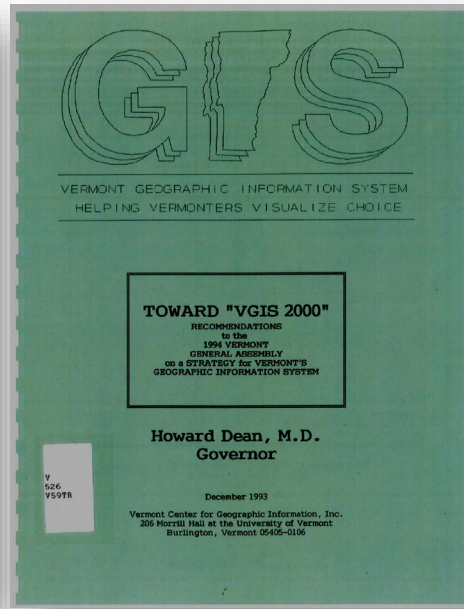
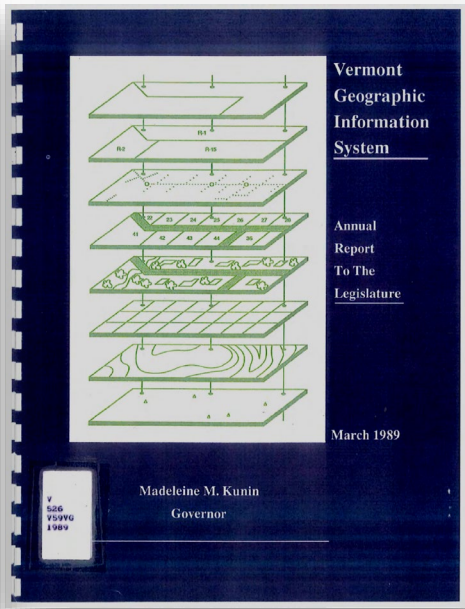
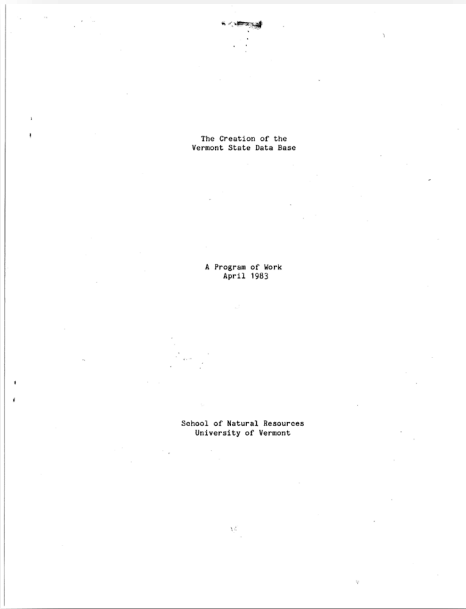
Development and  
use of Statewide  
Geographic Information  
System (GIS) and the  
Coordination it requires



## EMPOWER

Data access,  
visualization and use





**1968**  
Vermont Mapping Program  
(Tax Dept)



**1989**  
Office of GIS  
(Agency of Admin)



**1992**  
Vermont Center for  
Geographic  
Information  
(17mb of data!)



**1997**  
1<sup>st</sup> VCGI Website



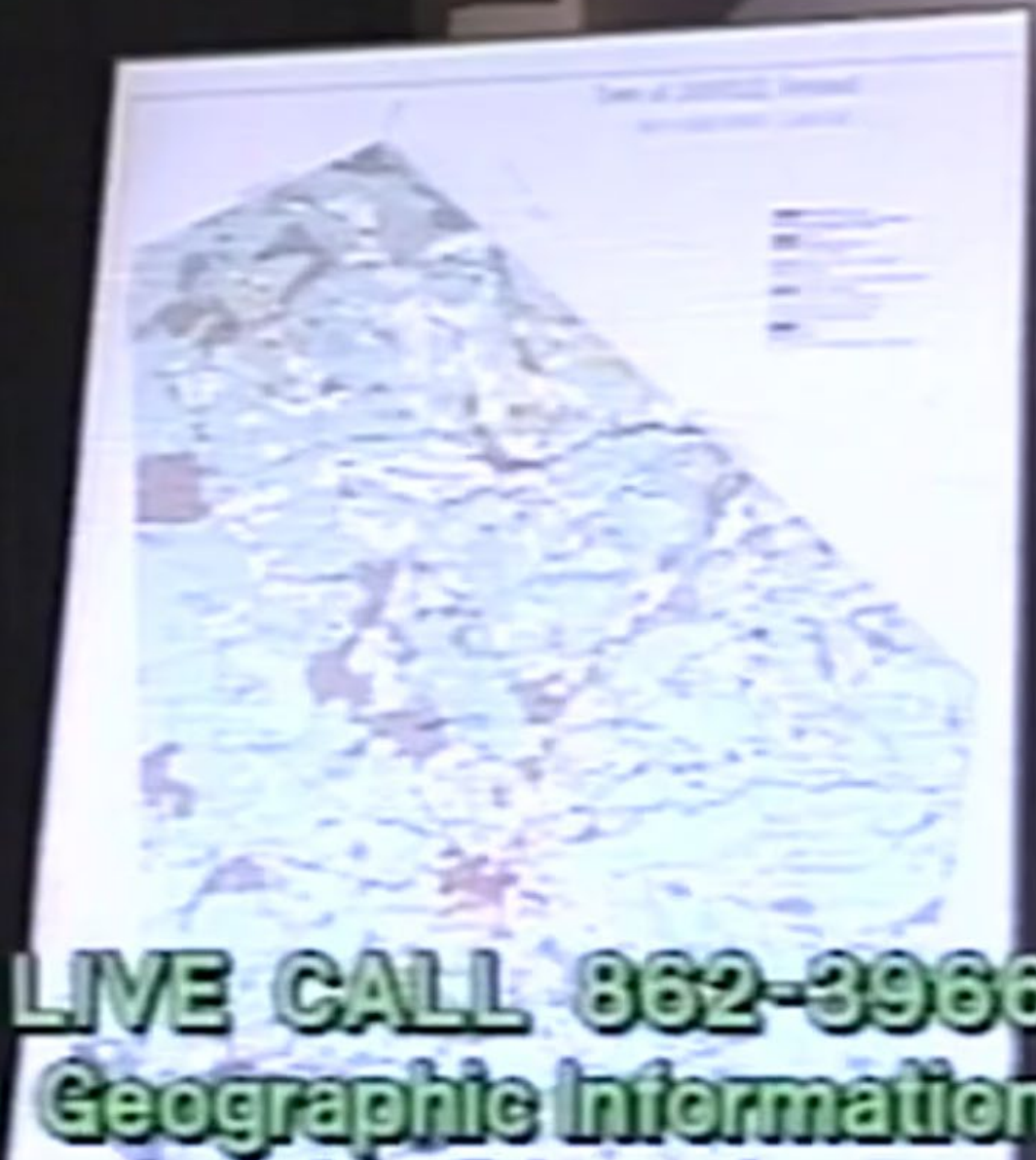
**2015**  
VCGI becomes  
Part of  
State Government



**2020**  
Statewide  
Parcel Data



5/26/92



CHANNEL 17 LIVE CALL 862-3966  
VT Center for Geographic Information



Total Users in 1992: 107



**ENERGY PLANNING**

**HISTORIC RESOURCES**

**WATER QUALITY**

**SERVICE DISTRICTS**

**ASSET MANAGEMENT**

**FISCAL IMPACT MODEL**

**DEVELOPMENT SUITABILITY**

**HOUSING AFFORDABILITY**

Total Estimated Users in 2024: **250,000**



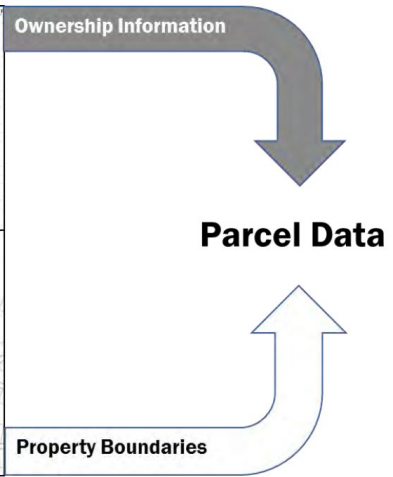
Purpose

To improve parcel data quality to support timely, fair, and accurate property valuation and reappraisals as sought by Act 68.



# What are parcel data?

PARCEL ID	TOWN	OWNER	ADDRESS	AREA	VALUE
00000001	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	20000	20000
00000002	Middlebury	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000003	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000004	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000005	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000006	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000007	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000008	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000009	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000010	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000011	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000012	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000013	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000014	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000015	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000016	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000017	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000018	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000019	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000
00000020	WINDHAM	STATE OF VERMONT	07111 LAKE & HOUSE	10000	10000



**Vermont Parcel Viewer**

The Vermont Parcel Viewer is maintained by the Vermont Center for Geographic Information (VCGI) as part of the Parcel Program. VCGI coordinates the collection of the best available digital parcel data from municipalities and publishes them in a uniform GIS format joined with the annual Grand List from the Vermont Department of Taxes.

Find Address, SPAN, Parcel ID, Town

**Grand List Table**

GIS SPAN	SPAN	MAPID	Parcel ID
018-006-10001	018-006-10001	3294	329
018-006-10002	018-006-10002	3146	314
018-006-10003	018-006-10003	2011	201
018-006-10004	018-006-10004	5059	505
018-006-10006	018-006-10006	3232	323
018-006-10008	018-006-10008	3248	324
018-006-10009	018-006-10009	5076	507
018-006-10010	018-006-10010	3261	326
018-006-10011	018-006-10011	5023.2	502

Parcels - Active



Agency of Digital Services

**Vermont Center for Geographic Information** **Data and Programs****Parcel Program**

Parcel Advisory Board

Lidar Program

Imagery Program

Data Status

Share Map Data

Resources

Maps

Partners

About VCGI



PARCEL PROGRAM FAQ

VIEW PARCEL DATA

ACCESS PARCEL DATA

EXAMPLE USES

TOWN DATA STATUS

PARCEL GUIDELINES

## Parcel Program

Parcel mapping in Vermont is undertaken and overseen by each municipality, who may perform annual map updates on their own or hire vendors to maintain. As part of the Parcel Program, VCGI coordinates the collection of the best available digital parcel data from municipalities and publishes them in a uniform GIS format joined with the Tax Department's [annual grand list](#). VCGI also develops the [data standards](#), [templates](#), [digital parcel mapping guidelines](#), and guidance resources by which Vermont digital GIS parcel data are organized and made publicly available.

The Parcel Program is an outgrowth of the [Statewide Property Mapping Project](#) which included a three-year (2017-2019) funded effort to create or update digital GIS parcel data for all of Vermont's municipalities. The Project successfully completed that work in December 2019, resulting in a freely available GIS layer for all Vermont municipalities joined with their [annual grand list](#) via a parcel's unique [School Property Account Number \(SPAN\)](#). The parcel Program now supports the ongoing collection and publishing of municipal parcel data in GIS format statewide, continuing to use the SPAN number as a unique parcel identifier.

### What is the Statewide Property Parcel Mapping Program?

- The ongoing effort for the publishing of annual grand list-joined digital municipal parcel data throughout Vermont in GIS format that are freely available and useful
- The Program is overseen by VCGI, yet relies on cooperation among towns officials who oversee their grand list and map maintenance and their [map vendors in](#)



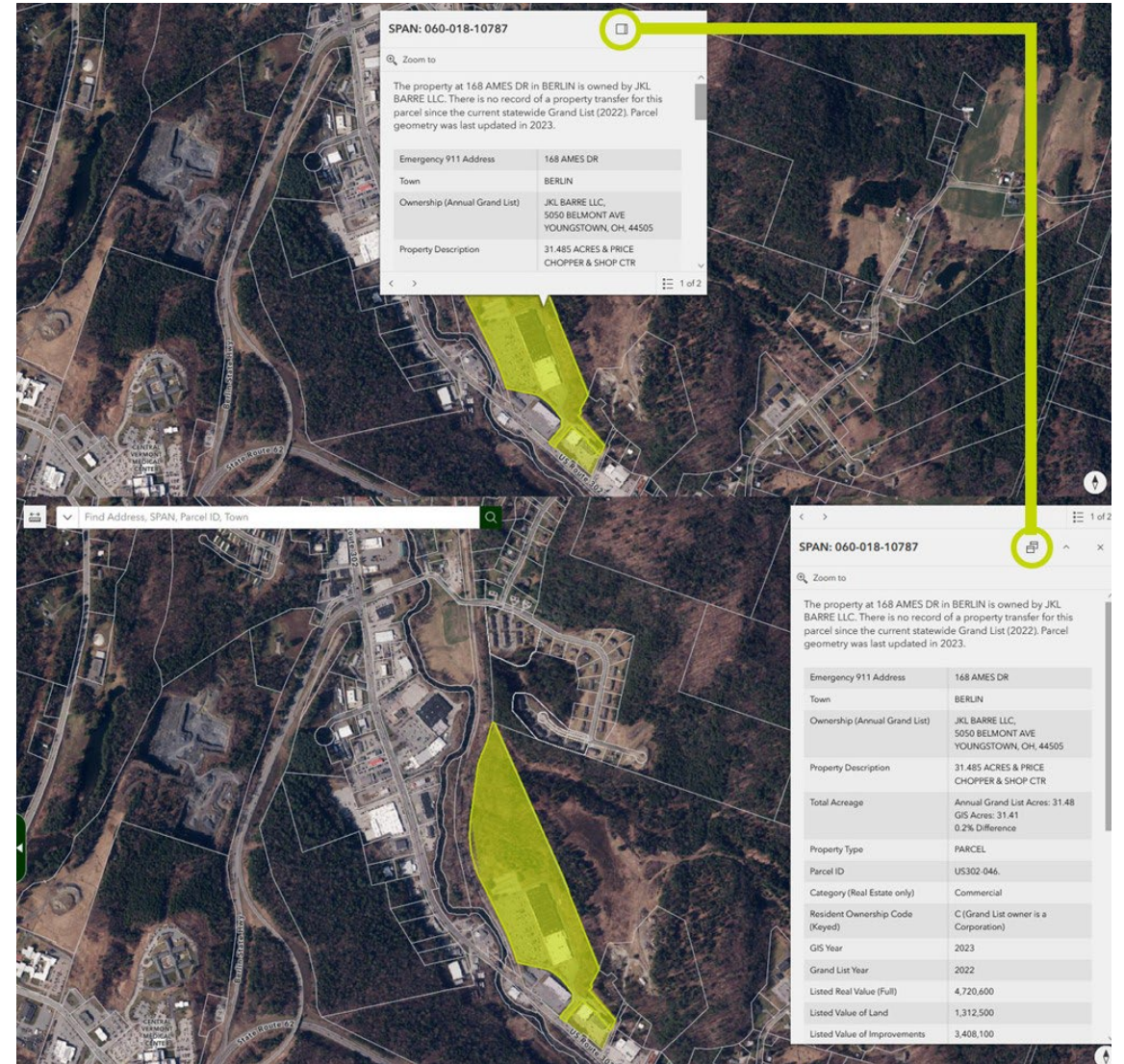
## Statewide Property Parcel Mapping Program

<https://vcgi.vermont.gov/data-and-programs/parcel-program>



# Data Standard

- Ensures that all mapped properties statewide are linkable to their unique grand list record
- Works via unique School Property Account Number (SPAN)
- Enables visualization and analysis of a statewide parcel data layer
- Enables other information to be related with properties on a map



Glossary in Report

[https://github.com/VCGI/publications/blob/main/Act68\\_2024/Act68-2024-Parcels-VCGI\\_As\\_Submitted\\_20241212.md#glossary](https://github.com/VCGI/publications/blob/main/Act68_2024/Act68-2024-Parcels-VCGI_As_Submitted_20241212.md#glossary)

Recommendation	Statute Change	Incentive / Funding	Technical Guidance	New Technology
<a href="#">1. Update Parcel Definition in Vermont Statute</a>	●			
<a href="#">2. Support Digital Parcel Maintenance and Submittal to the State</a>	●	●		
<a href="#">3. Implement Vermont CAMA Data Standard and Require Submittal to State</a>	●		●	
<a href="#">4. Clarify Right-of-Way Mapping for Tax Purposes</a>			●	
<a href="#">5. Clarify Grand List vs. GIS Acreage Guidance</a>			●	
<a href="#">6. Acquire and Publish Annual High-Resolution Imagery and Offer Buy-Up Imagery Contract</a>			●	●
<a href="#">7. Pilot Remotely-Sensed Tools to Support Appraisals</a>				●
<a href="#">8. Develop and Offer Updated Parcel Contract Guidance</a>			●	●
<a href="#">9. Modernize Current Use Map Standards, Submittals, and Access</a>				●
<a href="#">10. Consider Updating and Moving Parcel Program in VT Statute</a>	●			
<a href="#">11. Coordinate With Concurrent Efforts to Digitize Land Records</a>				●
<a href="#">12. Make Proposed Assessment Districts Consistent and Compatible with Existing Administrative Boundaries</a>			●	



## Overview of All Recommendations

[Overview Link](#)

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## Additional Recommended Improvements

[Improve Submittal of Land Surveys to the Vermont Land Survey Library](#)

[Support Survey of Municipal Boundaries and/or Corner Points](#)

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1

# Update Parcel Definition in Vermont Statute

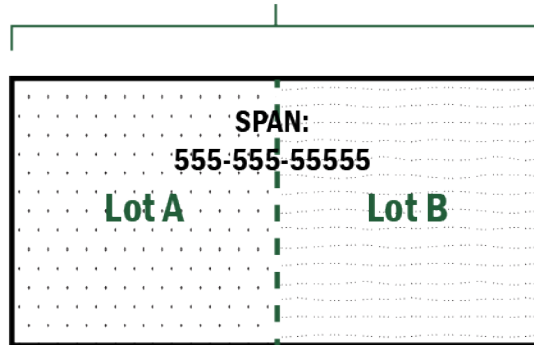




Ownership is the same for Lot A and Lot B in both current and proposed

# Current

Parcel



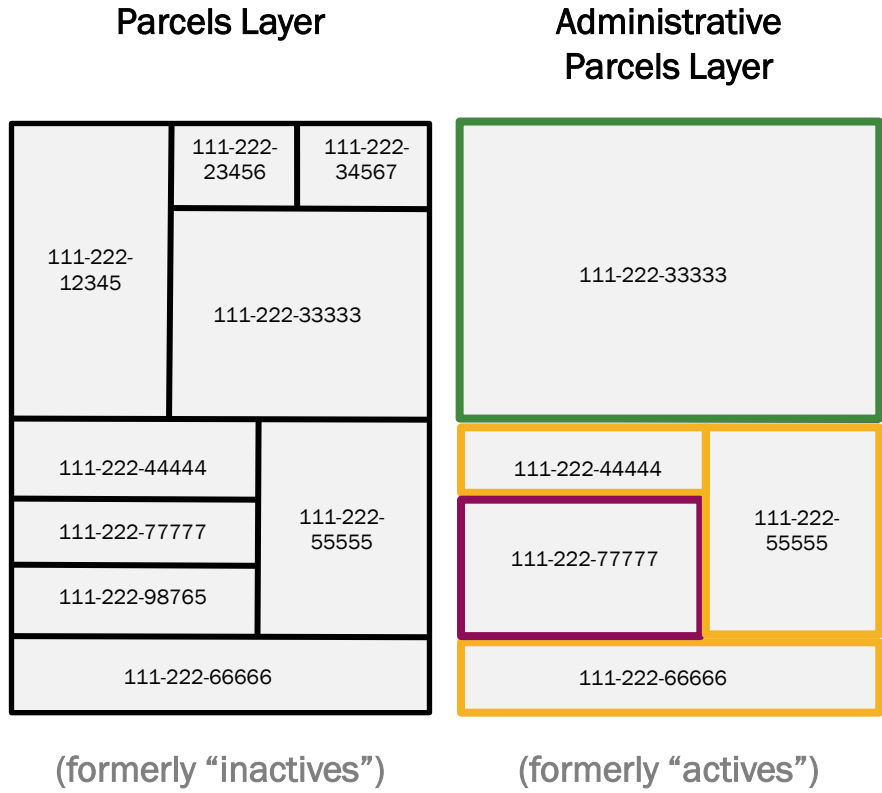
**“Contiguous” parcel  
defined by ownership**



**Update Parcel Definition in Vermont Statute**

[Recommendation 1 Link](#)

	ADMINSPAN: Duplicate values indicate contiguous lots with common ownership; can be used to aggregate	SPAN: All unique values, representing each single sellable lot	MAPID: Identifier specific to municipality, as assigned by town	PROPTYPE	...
One Administrative Parcel; four Parcels. ADMINSPAN matches one of the SPANs (others in SPAN field only).	111-222-33333	111-222-33333	StreetRd.a	PARCEL	
	111-222-33333	111-222-12345	StreetRd.b	PARCEL	
	111-222-33333	111-222-23456	StreetRd.c	PARCEL	
	111-222-33333	111-222-34567	StreetRd.d	PARCEL	
One Administrative Parcel; one Parcel. ADMINSPAN and SPAN are the same for each.	111-222-44444	111-222-44444	AvenueRd	PARCEL	
	111-222-55555	111-222-55555	RouteRd	PARCEL	
	111-222-66666	111-222-66666	LaneRd	PARCEL	
One Administrative Parcel; two Parcels.	111-222-77777	111-222-77777	DriveRd.a	PARCEL	
	111-222-77777	111-222-98765	DriveRd.b	PARCEL	



# Example Statute Update

32 V.S.A. § 4152 (a)(3) A brief description of each parcel of taxable real estate in the town. “Parcel” means a separate and sellable lot or piece of real estate. Parcels are to be combined to represent all contiguous land in the same ownership, together with all improvements thereon for tax administration.





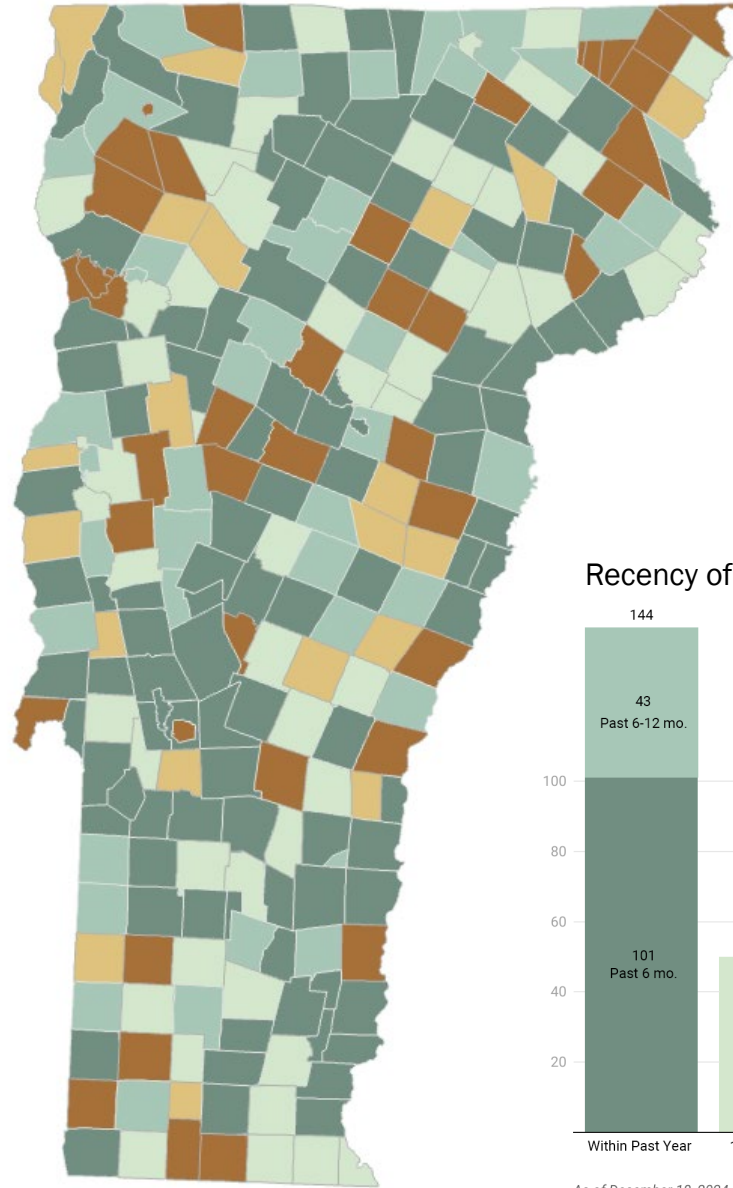


2

# Support Digital Parcel Maintenance and Submittal to the State of Vermont

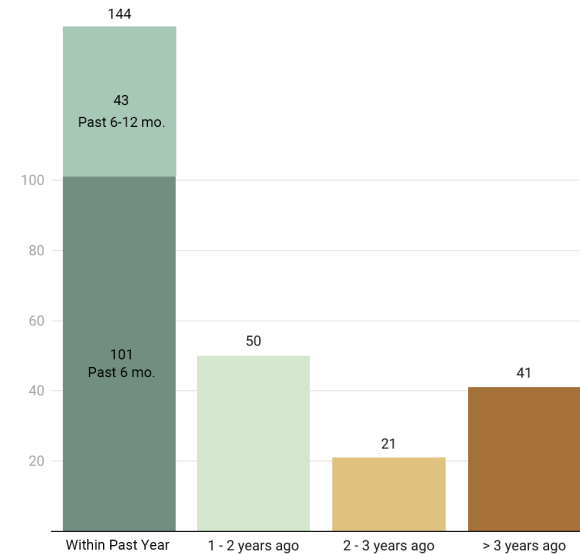


**~90% of towns now maintain parcel data.  
But...**



**...frequency and quality varies widely.**

Recency of Geometry by Count of Towns



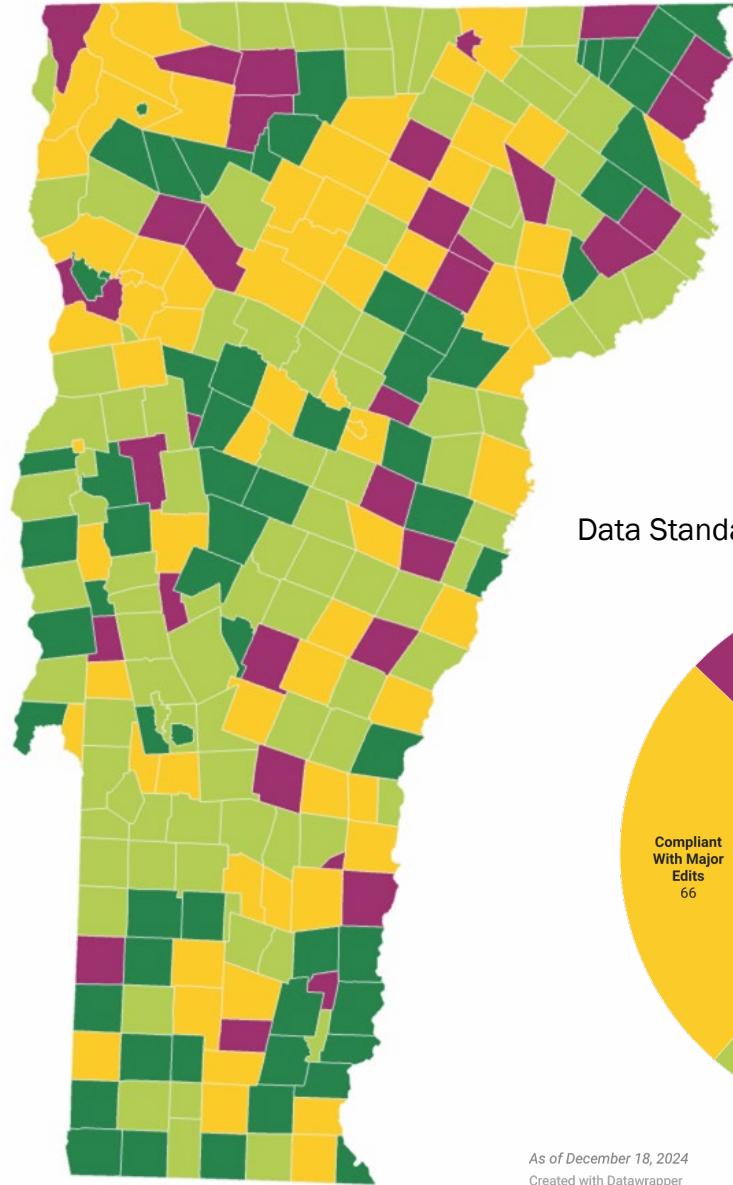
As of December 18, 2024



**Support Parcel Data Maintenance and Submittal**

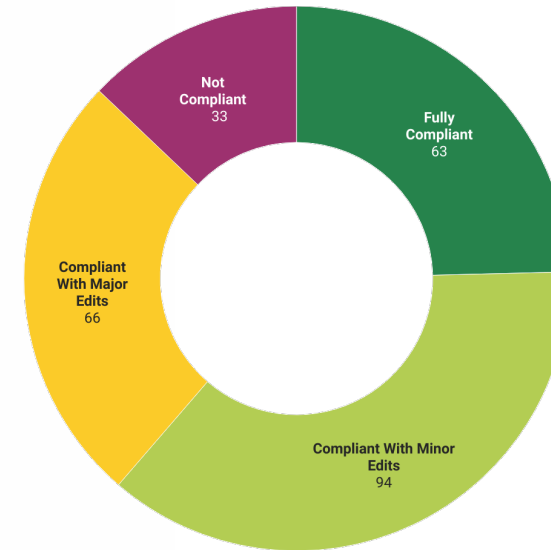
[Recommendation 2 Link](#) | [Town Mapping Status Application](#)

~90% of towns now maintain parcel data.  
But...



...frequency and quality varies widely.

Data Standard Compliance by Count of Towns

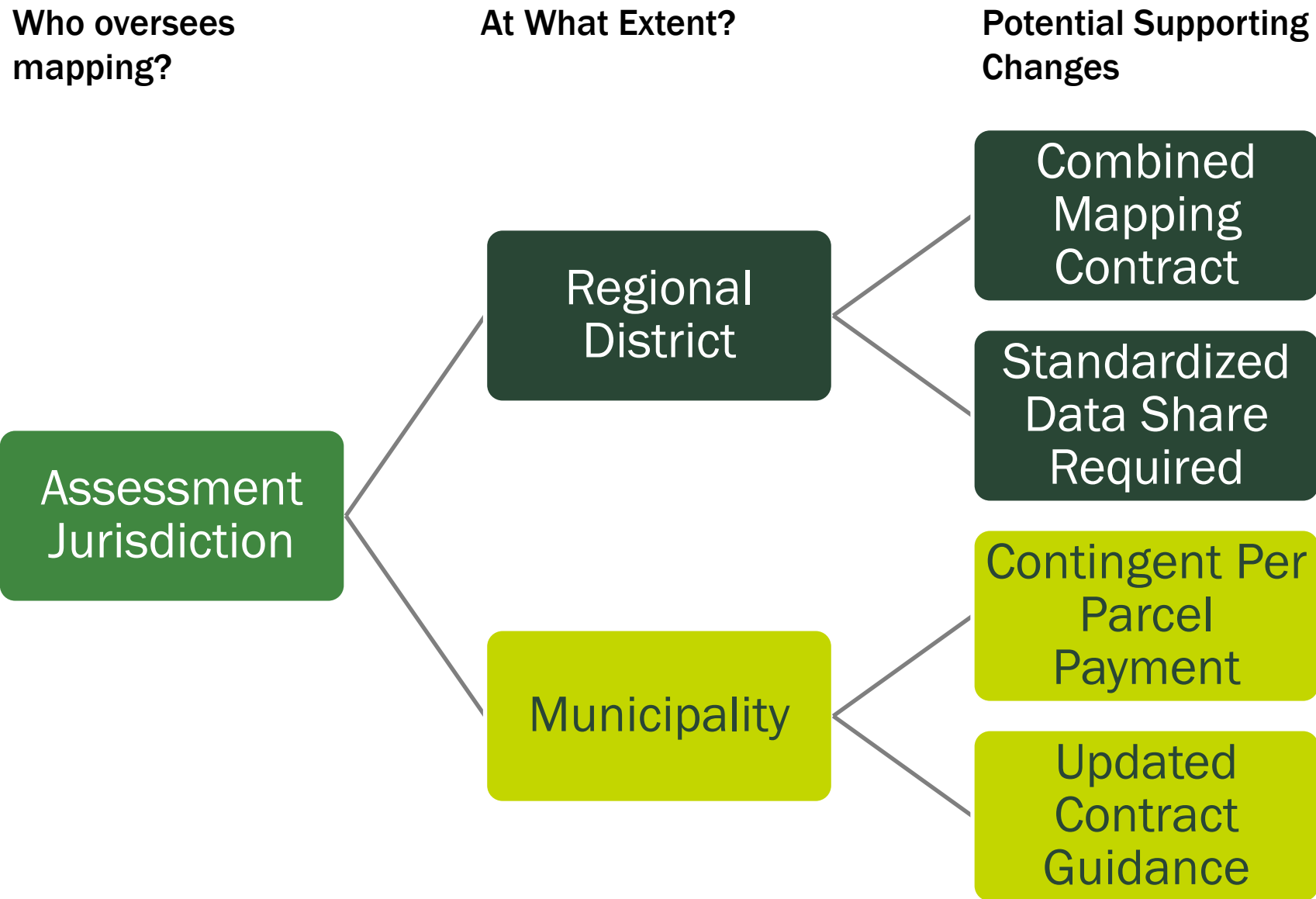


As of December 18, 2024  
Created with Datawrapper



Support Parcel Data Maintenance and Submittal

[Recommendation 2 Link](#) | [Town Mapping Status Application](#) | [Quality Criteria](#)





3

# Implement VT CAMA Data Standard and Require Submittal to State



Parcel ID 057-1-047-000

Exterior Information

Table with exterior details: Type (041 - MULTI-FAMILY), Strv Hght (2 - Two Stv), (Liv) Units (4), Found (BS - BRICK/STONE), Frame (W - Wood), P. Wall (A - ALUMINUM), Sec. Wall (0), Roof Str (S - SHED), Roof Cvr (RM - RUBBER MEMB), Color, View, Shape, Bld Name.

General Information

Table with general details: Grade (A - AVERAGE), Year Blt (1900), Eff Yr, Alt LUC, Juris, Con Mod.

Interior Information

Table with interior details: Avg Ht / Ft (10.00), P. Int Wall (PL - PLASTER), Sec Int Wall, Partition, P. Floor (SW - SOFTWOOD), Sec Floor, Bmt Floors (E - EARTH), Sub Floors, Bmt Garage (0), Electric (T - TYPICAL), Insulation (T - TYPICAL), Int Vs Ext, Heat Fuel (G - GAS), Heat (HA - HOT AIR), # Heat Sys (4), Heated % (100), AC %, Sol HW %, Ctrl Vac %, Com Wall %, Sprink %.

Condo Information

Table with condo details: Location, Tot Units, Floor, % Own, Name.

Bath Features

Table with bath details: Full Bath (4), Add Full (0), 3/4 Bath (0), Add. 3/4 (0), 1/2 Bath (0), Add. 1/2 (0), Other Fix (0).

Other Features

Table with other features: Kitchens (4), Add Kit. (0), Fireplaces (0), WS Flues (0).

Depreciation

Table with depreciation details: Phys Con (AV), Functional, Economic, Special, Override, Total (30%).

Comparable Sales

Table with comparable sales columns: Rtnng, Parcel ID, Type, Sale Date, Price, Avg Rtnng, Ind Val.

Comments

4 APT UNITS

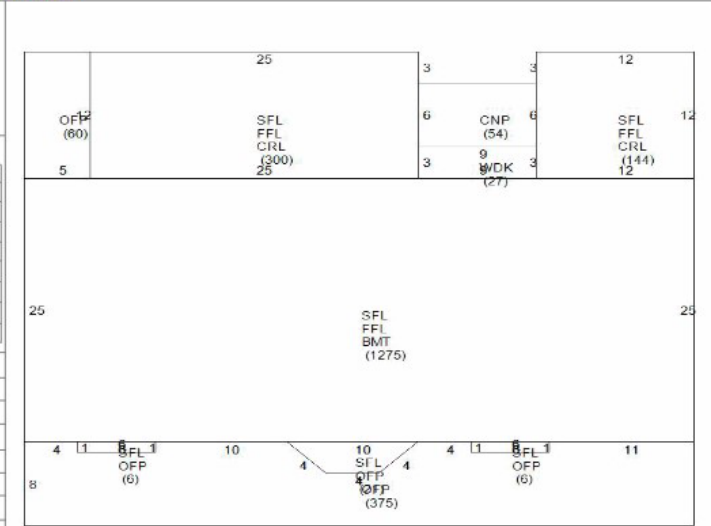
Res Breakdown

Table with room breakdown: Floor, No. Unit, Rooms, Bdrms, Bld Total, Prcl Total.

Calc Ladder

Table with calculation steps: Base Rate, Size Adj, Con Adj, Adj Prc, Grade Ft, Other Feat, NBC Mod, NBC Infl, LUC Ft, Adj Tot (RCN), Depr %, Base Rate, Depr, Depr'd Total, Juris Ft, Spec. Features, Lump Sum, Final Total, Assmnt Ft., Assessed Val, Total \$/SF, Undepr \$/SF.

Sketch



Mobile Home

Table with mobile home details: Make, Model, Serial, Year, Color.

Sub Areas

Table with sub-area details: Code, Desc, Net Area, Gross A., F. Area, Sz Adj A., Rate AV, Undepr Val, Building Totals, Parcel Totals.

Alt Areas

Table with alt-area details: S. Area, Alt Type, % Alt, Tenants, Qual, % U.

Special Features / Yard Items

Table with special features and yard items columns: Code, Desc, A, Y/S, Qty, Size, Qual, Con, Year, Unit Prc, D/S, Depr %, LUC, Ft., NBC, Ft., Juris, Ft., Appr Val, Assessed.

Image



Disclaimer: This Information is believed to be correct but is subject to change and is not gara

Property: 9545 | Bld: 9980 | Seq: 1 | Year: 2023 | Data As Of Date: 05/01/2023 | User: sa | DB: Assess50Burlington



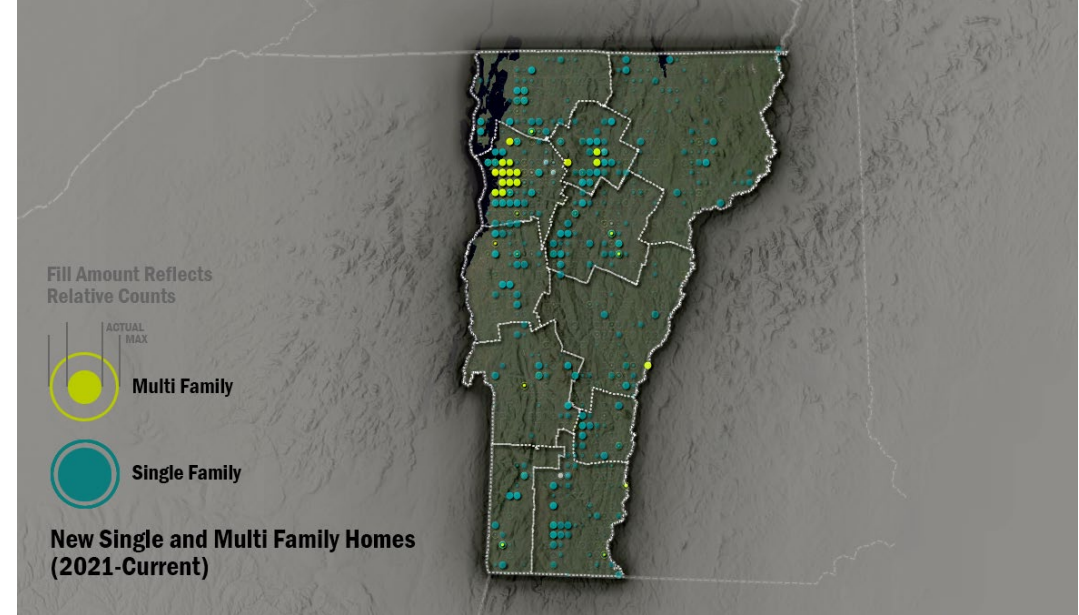
Implement VT Cama Data Standard and Require Submittal to State

Recommendation 3 Link

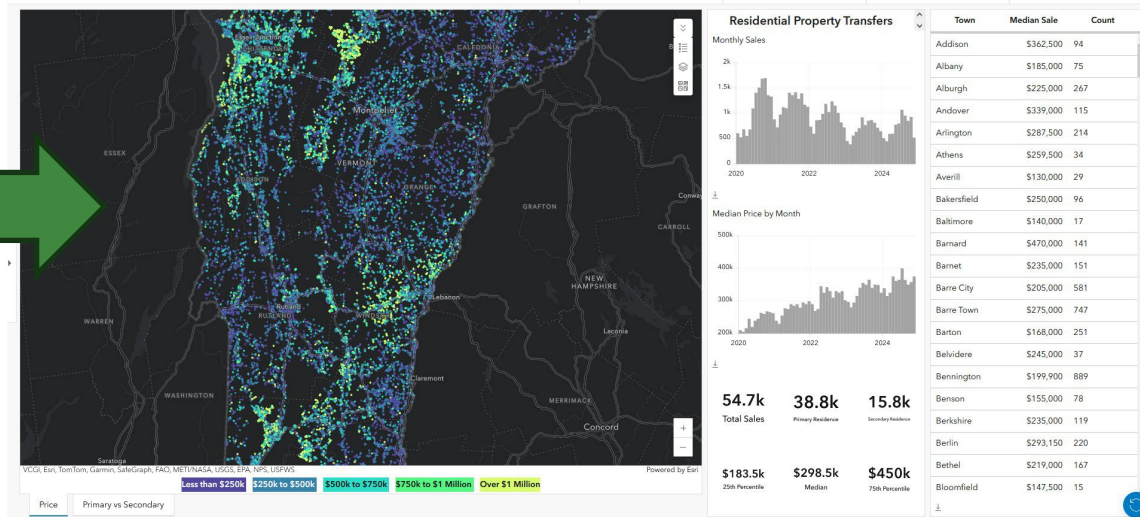


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Type	Field	Alias	Description	Field Type	Length	Example
Identification	SPAN	SPAN	Unique identifier for record, with dashes	String	13	001-002-12345
History	YearBuilt	Actual Year Built	Actual year built	Integer	4	1950
History	YearReno	Year Renovated	Year of most recent renovation	Integer	4	2003
Building	TotFinSqFt	Total Finished Square Feet	Total finished square footage of structure	Decimal	10	4500
Building	Heat1ID	Primary Heat/Cool Source	Primary heat/cool source, corresponding with following field	String (domain)	30	Heat Pump
Building	Heat1Pct	Primary Heat/Cool Source Percent	Percentage of usage of primary source for heating/cooling the structure	Percent (integer)	3	75
Building	Heat2ID	Secondary Heat/Cool Source	Secondary heat/cool source, corresponding with following field	String (domain)	30	Forced Air
Building	Heat2Pct	Secondary Heat/Cool Source Percent	Percentage of usage of secondary source for heating/cooling the structure	Percent (integer)	3	25
Building	TotRooms	Total Rooms	Total count of rooms	Integer	5	10
Building	Bdrms	Bedrooms	Total count of bedrooms	Integer	5	3
Building	FullBths	Full Baths	Total count of full bathrooms	Integer	5	1
Building	ThrQtBths	Three Quarter Baths	Total count of three quarter bathrooms	Integer	5	0
Building	HalfBths	Half Baths	Total count of half bathrooms	Integer	5	1
Building	Ktchns	Kitchens	Total count of kitchens	Integer	5	1
Building	PctCmplt	Percent Complete	Percent of structure that is complete	Integer	3	100
Building	UnitCnt	Unit Count	Count of inhabitable units within structure	Integer	5	1
Building	StoryCnt	Story Count	Total count of stories within structure	Integer	3	2
Building	UnLndCode	Unlanded Code	Prefix for unlanded structure type if applicable	String (domain)	2	Null



VT Property Transfers - Residences v0.3 DEMO



Live January 21, 2025:

<https://housing.mapvt.com/>

Table 1: Proposed CAMA Data Schema. CAMA data schema for initial phase of data standardization. Following agreement with CAMA vendors, these fields should be made available to VCGI for inclusion in a statewide CAMA dataset.



**Implement VT Cama Data Standard and Require Submittal to State**

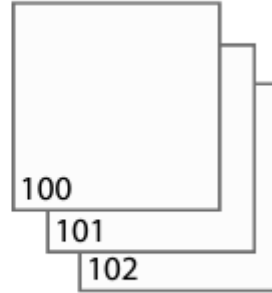
[Recommendation 3 Link](#)

# Data Quality Improvements

- Unlanded Structures
- Common Interest Parcels

## Condo Type #2 Stacked

PARCELID	TAXROLL ATTRIBUTE
100	99.00
101	49.50
102	49.50



► Stacked parcels, 1 per owner

	OBJECTID	GIS_SPAN	GLIST_SPAN	YEAR	TOWN
1	3548	C-12405-46	405-126-13113	2021	MONTPELIER
2	3549	C-12405-46	405-126-13114	2021	MONTPELIER
3	3550	C-12405-46	405-126-13115	2021	MONTPELIER
4	3551	C-12405-46	405-126-13116	2021	MONTPELIER
5	3552	C-12405-46	405-126-13117	2021	MONTPELIER
6	3553	C-12405-46	405-126-13118	2021	MONTPELIER
7	3554	C-12405-46	405-126-14094	2021	MONTPELIER

Click to add new row

Placeholder SPANs

SPANs found in Grand List

Prefix Code	Applies To
CO	Condominiums
CA	Camps
MH	Mobile Homes
SA	Ground-Mount Solar Arrays
WT	Wind Turbines



Implement VT Cama Data Standard and Require Submittal to State

[Recommendation 3 Link](#)



# Example Statute Update

**32 V.S.A. § 5404(b)** Annually, on or before August 15, the clerk of a municipality, or the supervisor of an unorganized town or gore, shall transmit to the Director in an electronic or other format as prescribed by the Director: education and municipal grand list data, including exemption information and grand list abstracts; tax rates; an extract of the assessor database also referred to as a Computer Aided Mass Appraisal (CAMA) system or Computer Aided Mass Appraisal database, and the total amount of taxes assessed in the town or unorganized town or gore...



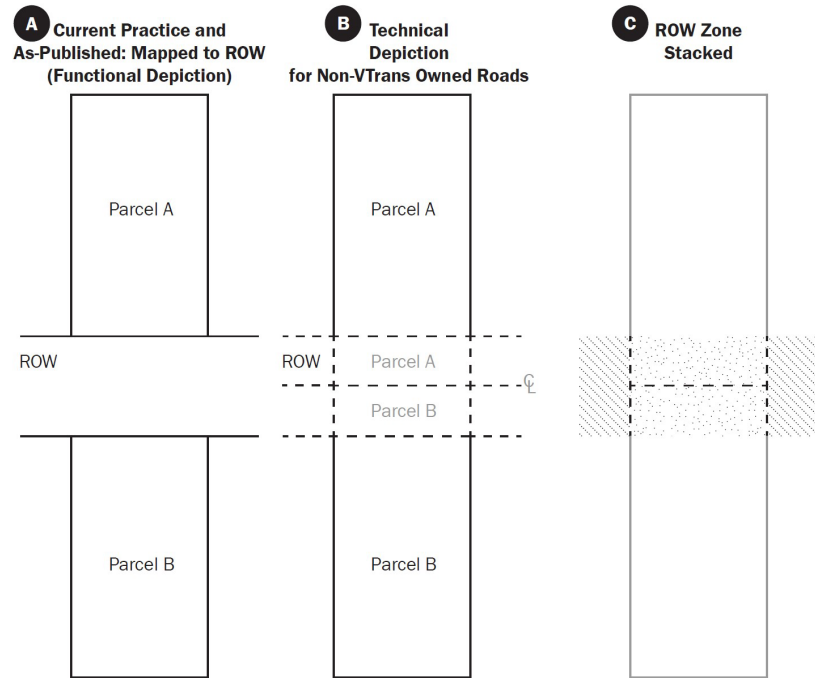


4&5

# Clarify Guidance, Normalize Practices: Acreage



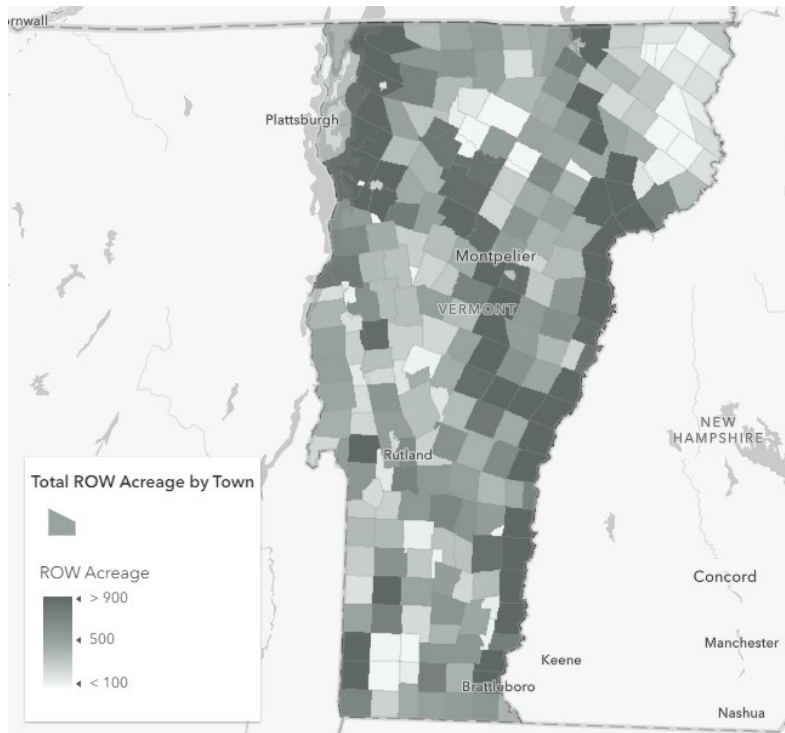
# ROW Areas Add Up



Clarify Right-of-Way Mapping For Tax Purposes

[Recommendation 4 Link](#) | [ROW Acreage by Town Map](#)

# ROW Areas Add Up



“With the more widespread use of the GIS parcel data, more and more Towns are using it to calculate taxable acreage. Without any clear legal direction of whether to include area within the public right-of-way for the calculation for taxable acreage, it will lead to further issues.” – GIS Mapping Vendor

133,000+  
ac. as ROW  
Statewide

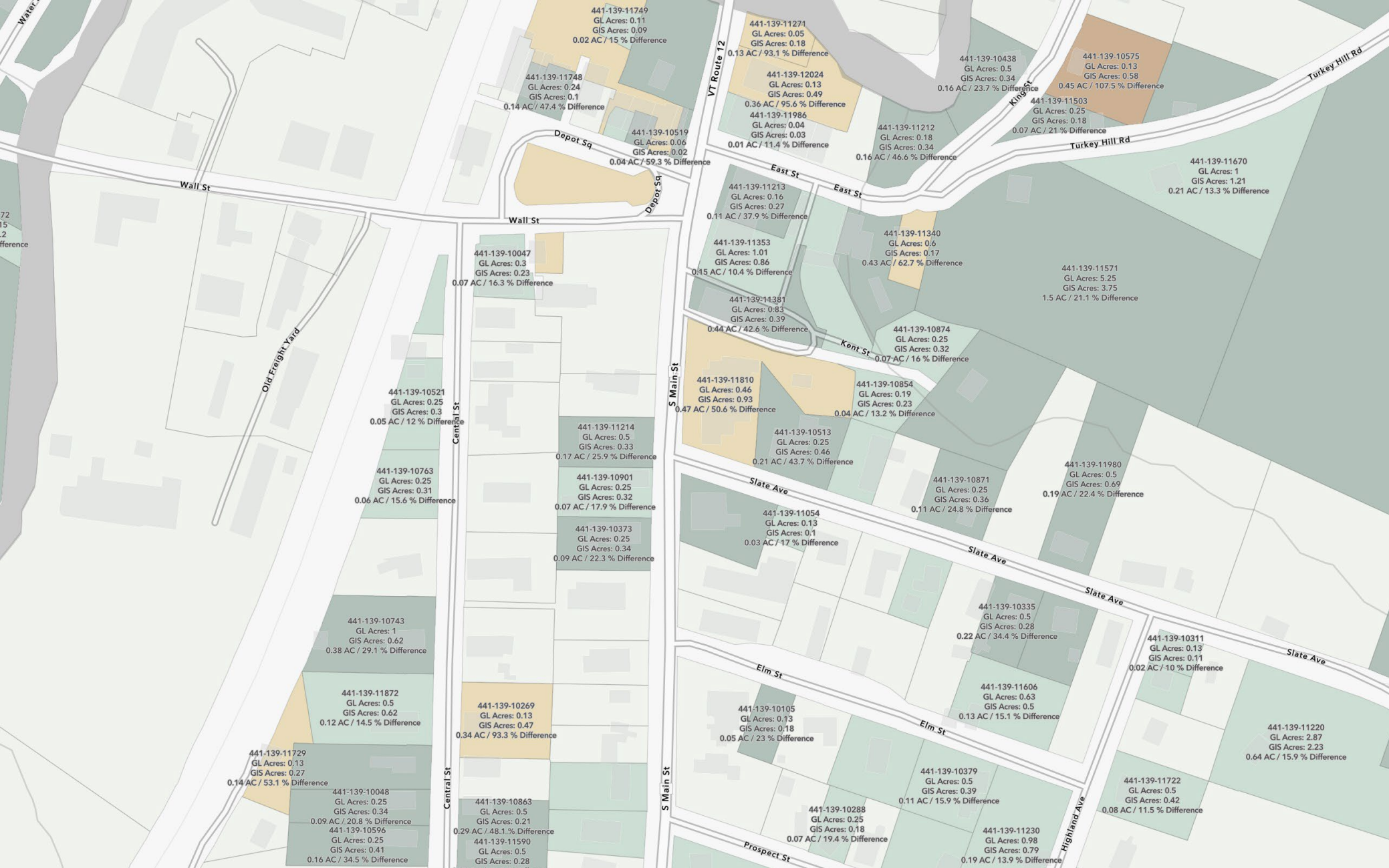


# Determining Acreage and Property Mapping

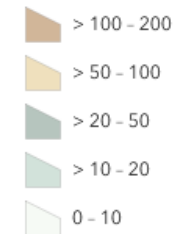
- From the [Lister and Assessor Handbook](#) (pp. 33-34):
  - “We [Tax Dept.] recommend that you list acreage in the grand list according to the best information available to you.”
  - “As a **general** rule, a survey done by a Vermont registered land surveyor is entitled to the greatest evidentiary weight, followed by a tax map and, finally, by a recorded deed.”
  - “Surveys, maps, deeds and any other evidence of acreage of a particular parcel should all be considered by a lister in determining value of properties.”

	Total Acreage
Listed Acreage (2023 Grand List)	5,609,102 ac
Mapped Acreage (statewide parcel dataset)	5,786,273 ac
	<i>177,171 ac difference</i>





GL Acres vs. GIS Acres Percent Difference



# Clarify Grand List vs. GIS Acreage Guidance

[Recommendation 5 Link](#) | [GL vs. GIS Acreage Percent Discrepancy Map](#)



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6&7

# Support and Use High Resolution Orthoimagery to Aid Appraisals



## Acquire and Publish Annual High Resolution Imagery and Offer Buy-Up Imagery Contract

- ↑ frequency of aerial imagery collection to statewide annually
- ↑ resolution (at least 15cm/6 inch), leaf-off, imagery available across entire state every other year
- Include buy-up options for oblique imagery and higher resolution (7.5cm/3 inch) imagery



Support and Use High Resolution Orthoimagery to Aid Appraisals

[Recommendation 6 Link](#) | [Recommendation 7 Link](#)



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# Example of Oblique Imagery



Support and Use High Resolution Orthoimagery to Aid Appraisals

[Recommendation 6 Link](#) | [Recommendation 7 Link](#)

# Pilot Remotely-Sensed Tools to Support Appraisals

## Automated Detection at Scale

Blue = new Construction Green = Existing construction Red = Existing, with changes

May 2023

January 2024



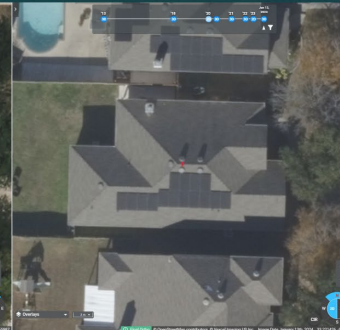
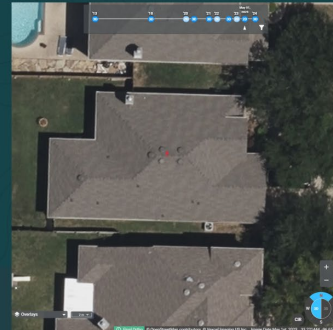
Similarly, we can detect any of the 40+ attributes available. Like Solar panels. Here is 2109 Arthur St, McKinney, TX 75071

May 2023

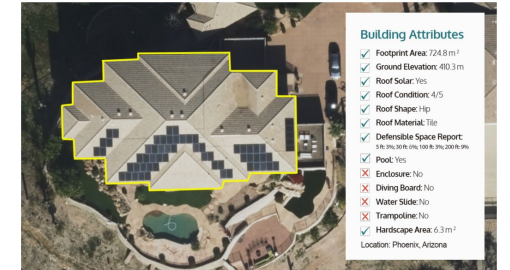
January 2024

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"roof-objects.ac-unit.count": 0,
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```
"roof-characteristics.shape.value": "hip",
"roof-objects.solar.value": true,
"roof-objects.solar.score": null,
"roof-objects.ac-unit.count": 0,
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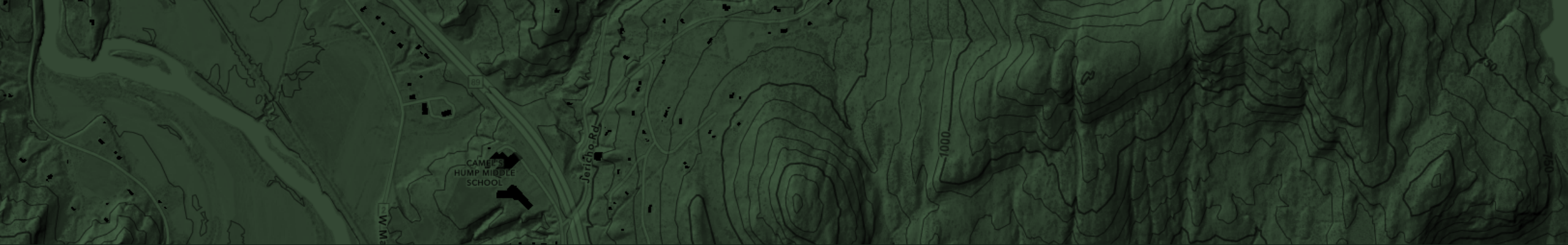


VEXCEL  
DATA PROGRAM



Support and Use High Resolution Orthoimagery to Aid Appraisals

[Recommendation 6 Link](#) | [Recommendation 7 Link](#)



8

9

11

12

# Improve and Modernize Map-related Data Upkeep



Recommendation	Statute Change	Incentive / Funding	Technical Guidance	New Technology
<a href="#">1. Update Parcel Definition in Vermont Statute</a>	●			
<a href="#">2. Support Digital Parcel Maintenance and Submittal to the State</a>	●	●		
<a href="#">3. Implement Vermont CAMA Data Standard and Require Submittal to State</a>	●		●	
<a href="#">4. Clarify Right-of-Way Mapping for Tax Purposes</a>			●	
<a href="#">5. Clarify Grand List vs. GIS Acreage Guidance</a>			●	
<a href="#">6. Acquire and Publish Annual High-Resolution Imagery and Offer Buy-Up Imagery Contract</a>			●	●
<a href="#">7. Pilot Remotely-Sensed Tools to Support Appraisals</a>				●
<a href="#">8. Develop and Offer Updated Parcel Contract Guidance</a>			●	●
<a href="#">9. Modernize Current Use Map Standards, Submittals, and Access</a>				●
<a href="#">10. Consider Updating and Moving Parcel Program in VT Statute</a>	●			
<a href="#">11. Coordinate With Concurrent Efforts to Digitize Land Records</a>				●
<a href="#">12. Make Proposed Assessment Districts Consistent and Compatible with Existing Administrative Boundaries</a>			●	

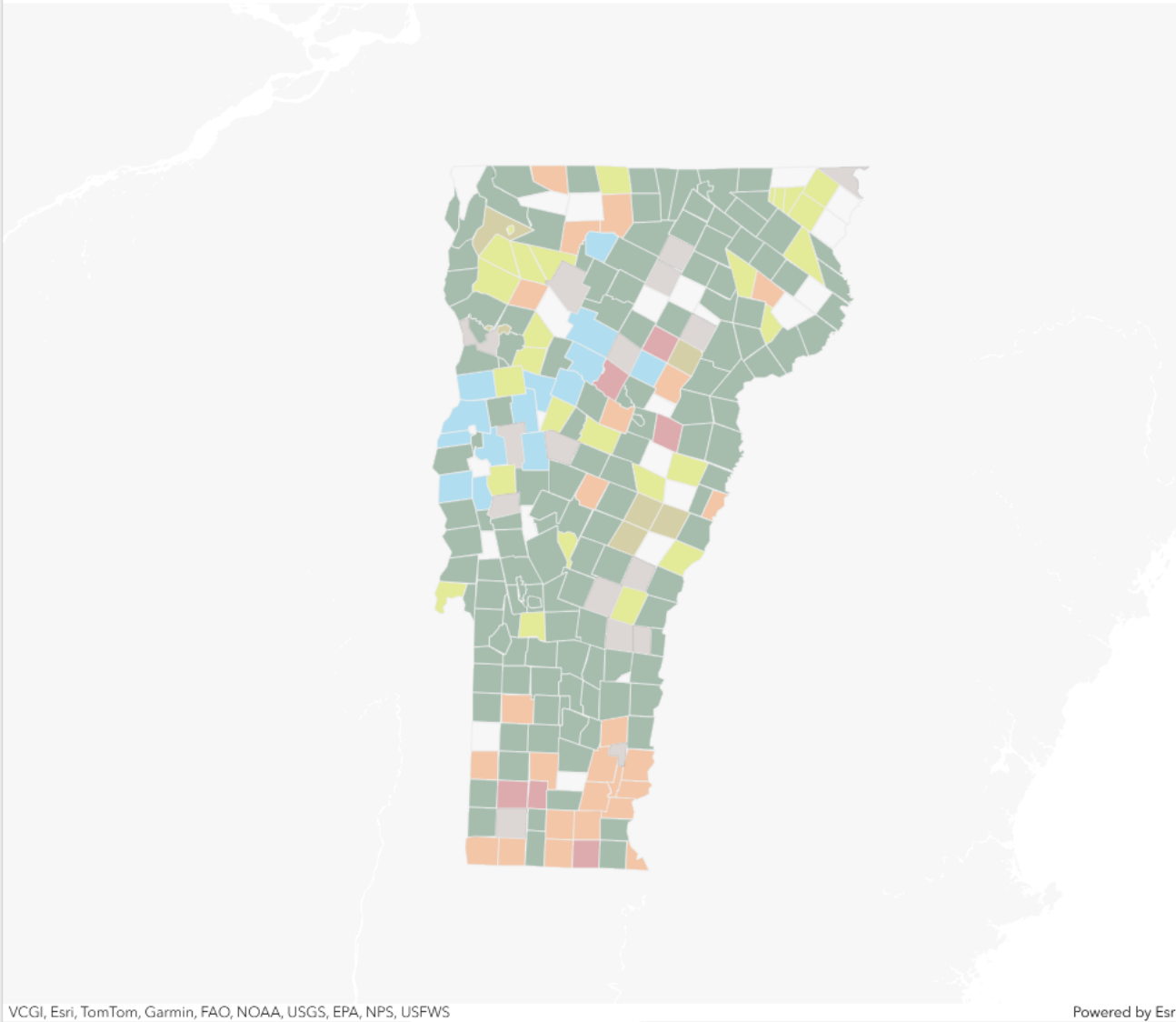


## Overview of All Recommendations

Recommendations and Considerations for Distinguishing Between Different Types and Characteristics of Property and Their Uses



Town Mapping Practices



Town Parcel Mapping Vendor

- CAI
- Christine Chamberlain
- CTI
- NEMRC
- RPC
- Town Managed GIS
- Unknown
- Other

VCGI, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS

Powered by Esri

Select a town from the drop down menu above.

Addison

Published GIS Geometry Date	2024-08-01
Current Map Capacity	Contract GIS Vendor
Current Vendor	CAI
Most Recent Geometry Submittal	2024-07-29
Submittal Reviewed by Town	No
Submitting Entity	CAI
Submitted By	Liam Brush
Regional Planning Commission	Addison County Regional Planning Commission
Published GIS Notes	
Parcel Project (2017-19) Vendor	CAI

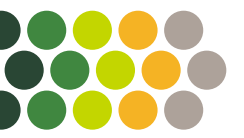
All Towns Currently Joined With

**2023**

Statewide Grand List

\*Statewide Grand List represents the owner on record on April 1 annually.

Status Last Updated: 2/5/2025, 9:23 AM  
Status updated weekly.



**8: Updated Contract Guidance, Submittal Requirements Will Depend on Assessment Jurisdiction**  
[Recommendation 8 Link](#)



## 2024 Lands in Current Use and Designated Areas

This application depicts lands enrolled in current use and their relation with designated areas per the Agency of Commerce and Community Development's State Designation Programs as of January 23, 2025.

Data are for references purposes only.

Enrolled acreage of current use-enrolled parcels is summed in indicator, however, entire parcel extent is mapped.



State Designated Areas

Downtown District Boundaries



New Town Center Boundaries



Village Boundaries



Neighborhood Development Area



Growth Center Boundaries



Designated Areas Buffer: 3 Miles

BUFFER



3 Miles

2024 Current Use Parcels Intersecting 3 Mile Buffer



2024 Current Use Parcels (All)



Current Use Enrolled Parcels Intersecting 3 Mile Buffer

# 14,717

## 1,793,635.9 ac



VCGI, Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, USFWS

Powered by Esri

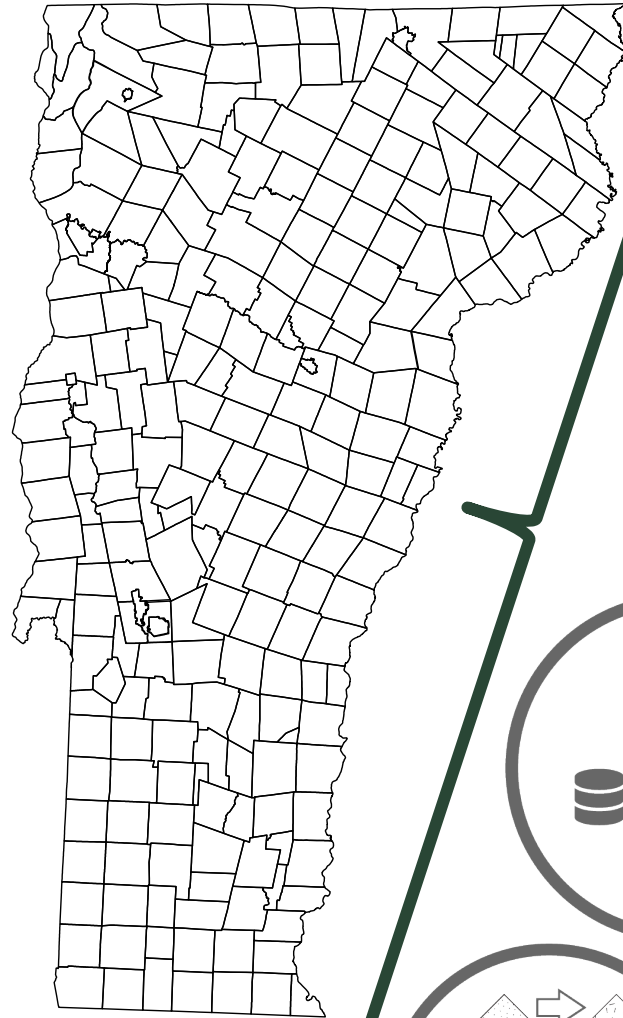


## 9: Modernize Current Use Mapping and Access

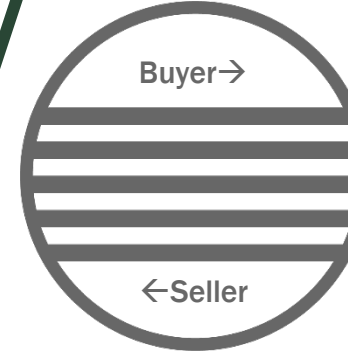
[Recommendation 9 Link](#)

## Digital Land Records

- A Mature Solution Data and accessibility wise
- Manage and unite all property info at the source
- Would unify access to what currently takes tremendous amount of time and resources to integrate (if possible), reducing duplication and multiplying downstream uses



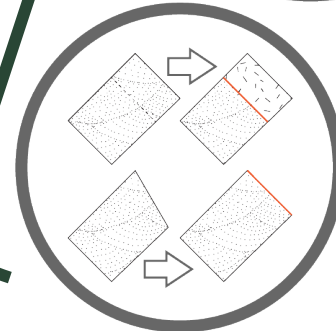
Parcels  
and Grand  
List



Property  
Transfers



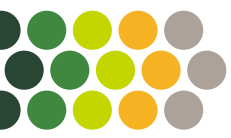
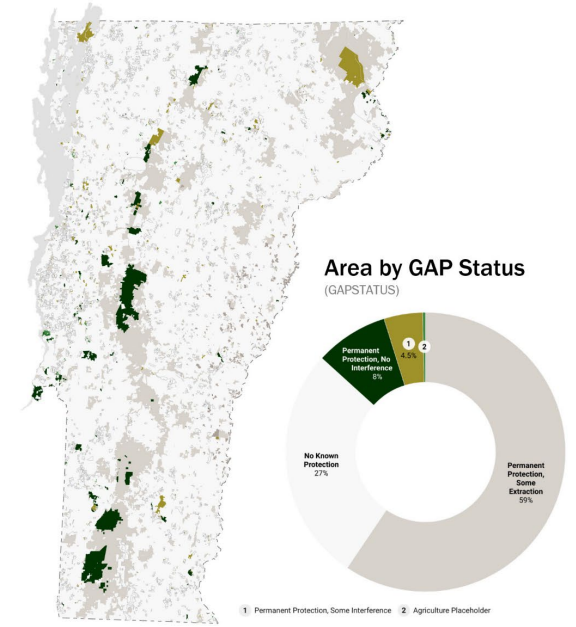
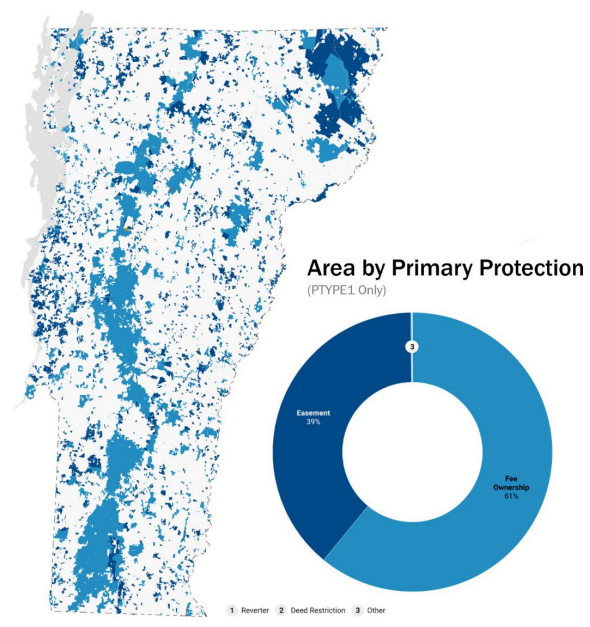
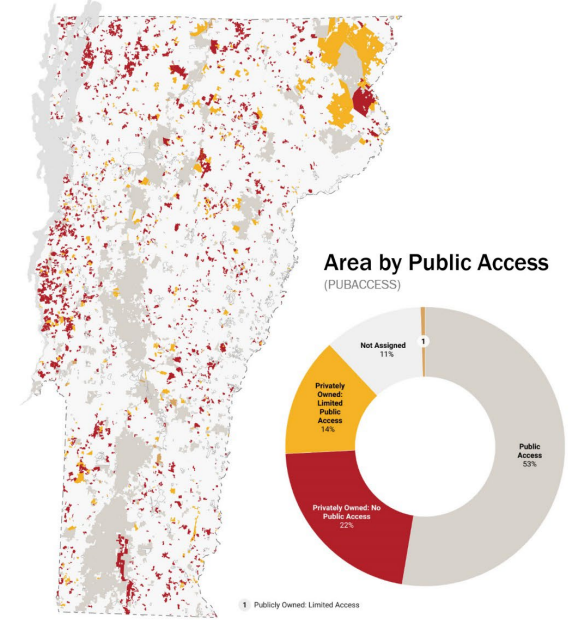
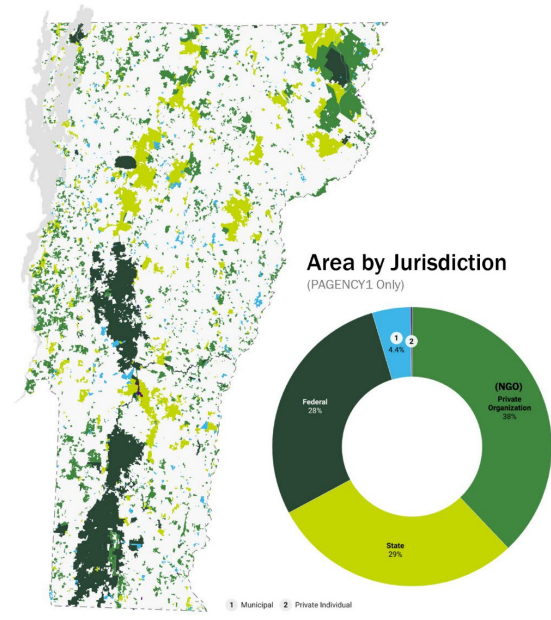
CAMA  
Data



Land  
Surveys /  
Records

## 11: Consider Digital Land Records

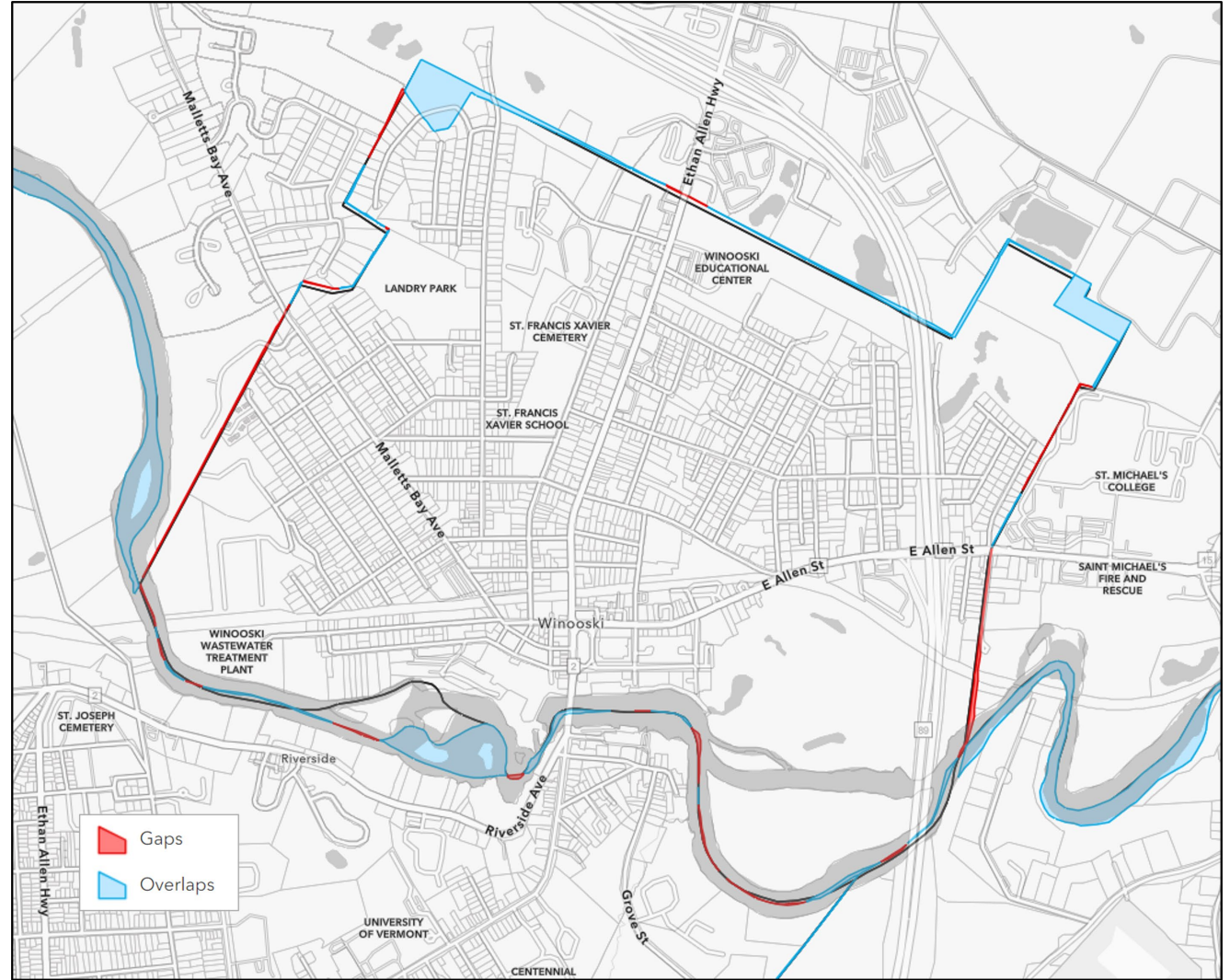
[Recommendation 11 Link](#)



# 11: Consider Digital Land Records

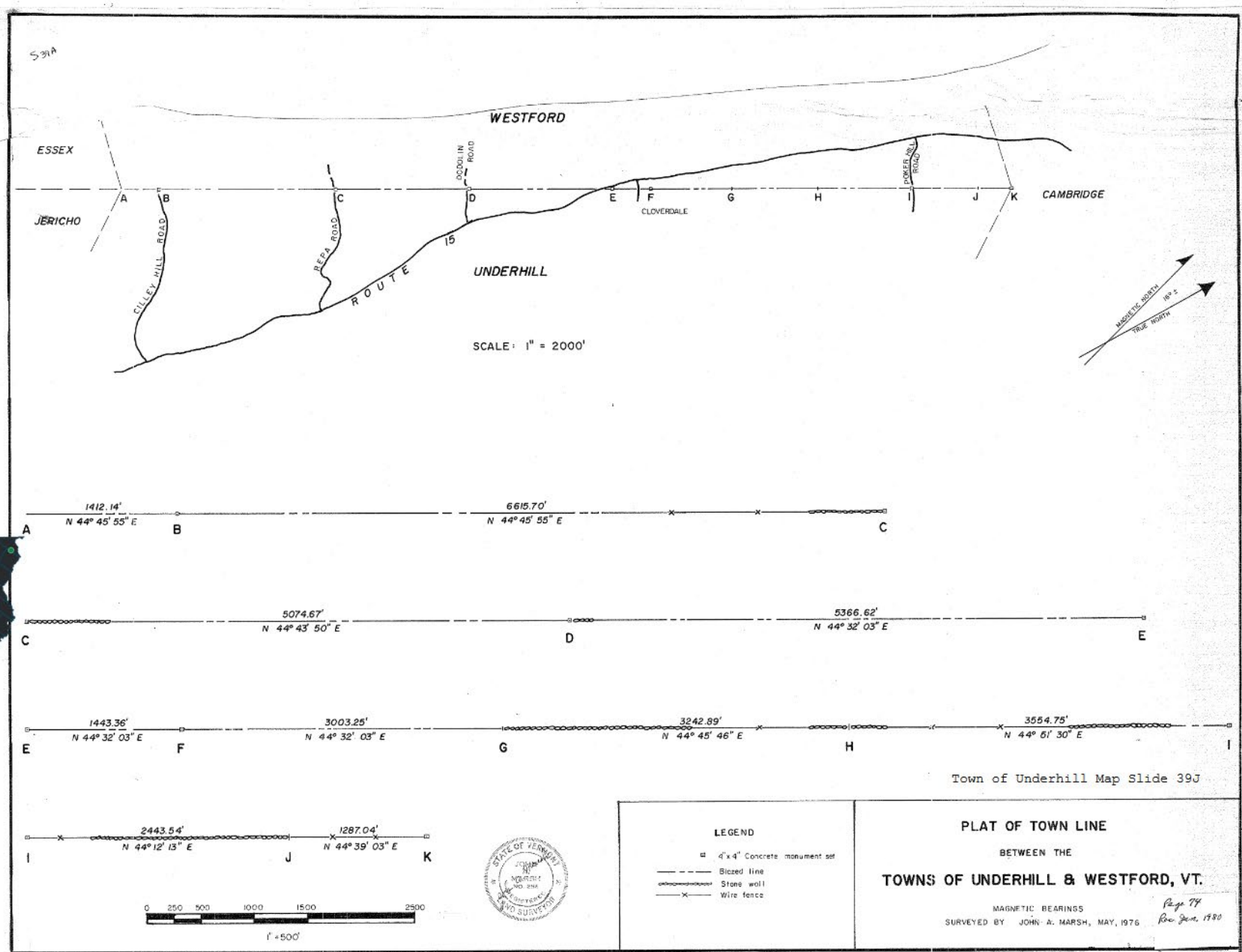
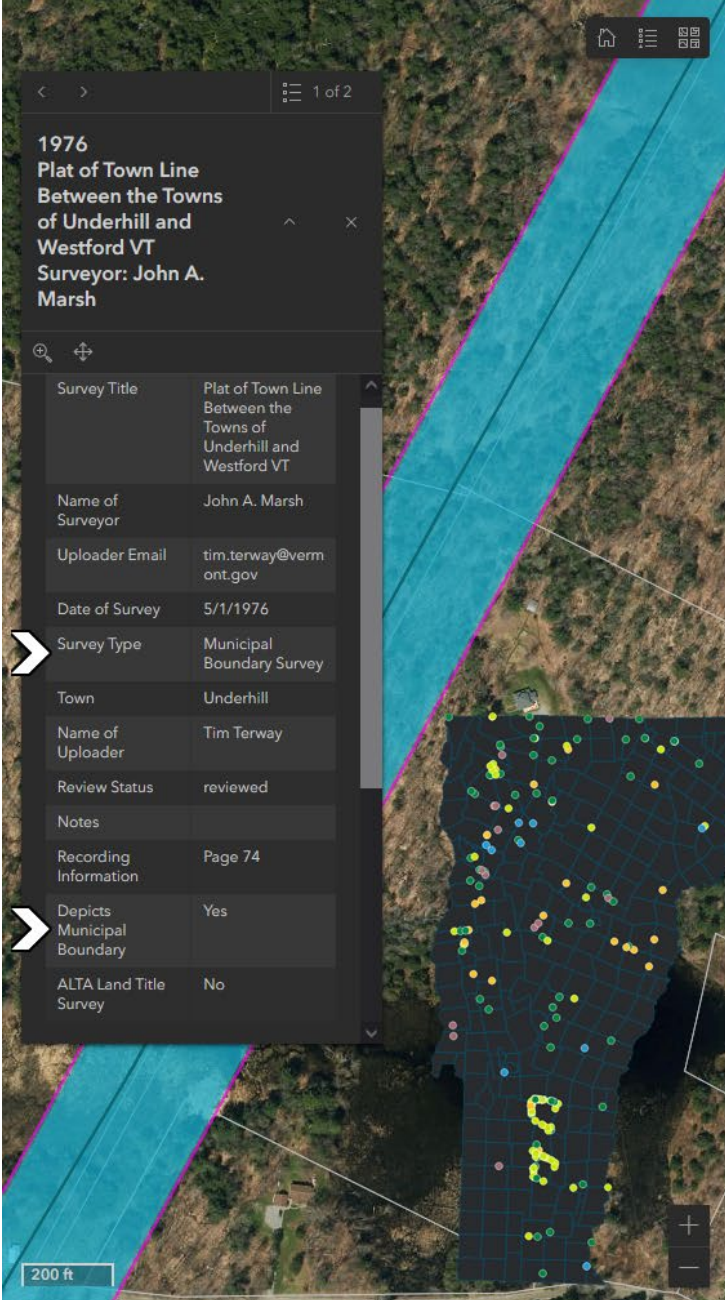
[Recommendation 11 Link](#)





## 11: Make Compatible With Existing Administrative Boundaries

[Recommendation 11 Link](#)



## Extra: Support Documentation of Town Boundaries, Surveys

[Additional Recommendations Link](#)

# Vermont Land Survey Library

Search, View and Add Vermont Land Surveys

## A Public Library for Vermont's Land Survey Records

The library hosts copies of land surveys of boundary line adjustments and subdivisions as prepared by Vermont licensed land surveyors.

Enter the Land Survey Library

### Digital Survey Plats

Effective January 1, 2020 and as stated in [27 V.S.A. § 341](#), surveys are required for property line changes in Vermont. Licensed land surveyors who produce the surveys are to submit a digital copy of them to the library in [.pdf format](#) (see [27 V.S.A. §1401](#) and [27 V.S.A. §1403](#)).

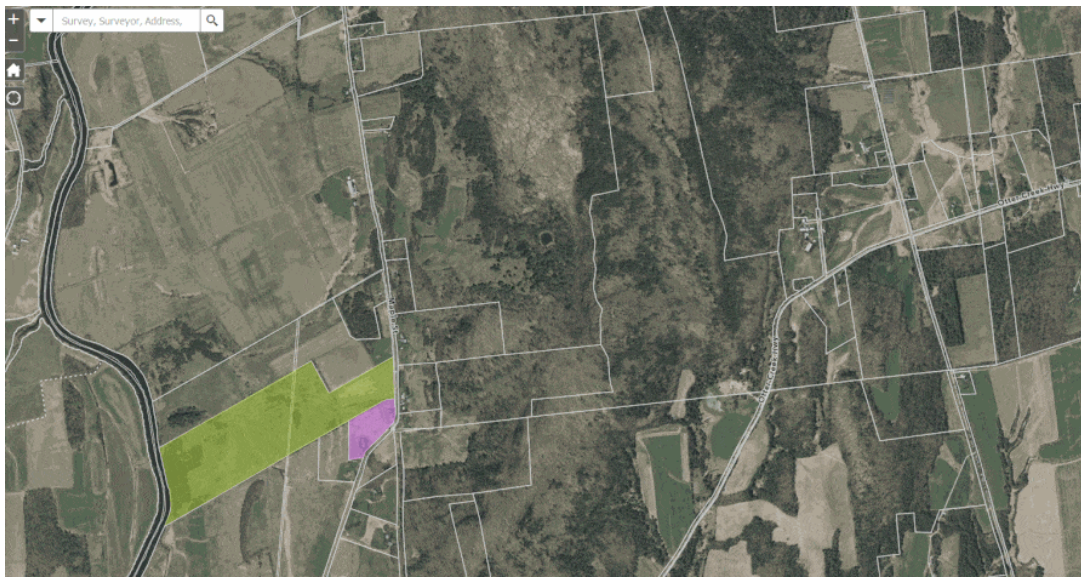
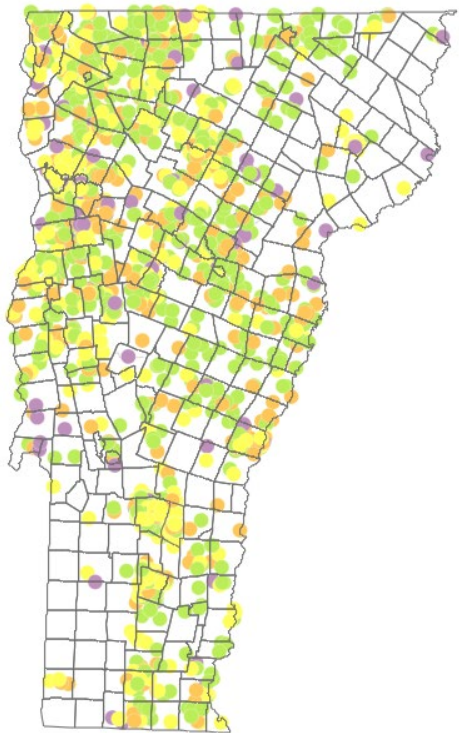
The copies of surveys are for public reference only, with the signed and stamped mylars that

### What is it?

The library consists of a web map that displays the general locations of .pdf copies of surveys produced by Vermont licensed land surveyors. For new surveys produced from January 1, 2020 onward, surveyors upload the .pdf copies to the map when the surveys are to be filed with the Town Clerk. The library's content is open to the public for viewing and reference.

### Submit a Survey

Are you a Vermont licensed land surveyor completing a survey of a property line change on land in Vermont? Are you a town official with recorded surveys that you'd like to make available on a map? If yes to either, then use the survey library application linked from this page to submit a .pdf copy of these documents. Learn more about how and when to use the library in



## Vermont Land Survey Library

[landsurvey.vermont.gov](https://landsurvey.vermont.gov)

- Added as requirement to State Statute, effective Jan. 1, 2020.
- Requires digital copies of surveys for all boundary line changes. Burden is on land surveyor to submit surveys set for recording. ~3,100 to date. Official docs reside with town. Ideal instead would be town officials / digital land records.
- While successful to a degree, ideal scenario would have staff and resources for compliance and enforcement to increase completeness, working with towns
- Supported by Parcel Program staff



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## Overview of All Recommendations

Recommendations and Considerations for Distinguishing Between Different Types and Characteristics of Property and Their Uses



# FINAL REPORT PURSUANT TO ACT 68 OF 2023: STATEWIDE REAPPRAISALS AND PROPERTY DATA

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House Committee on Ways and Means

February 6th, 2025

Agency of Digital Services | Vermont Center for Geographic Information (VCGI)

[John E. Adams](#), Director  
[Tim Terway](#), Program Manager

