



# GIS Program Review

Presentation to the Salem Leadership

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GIS Manager  
2/9/2023



Last Updated at (M/D/YYYY)  
10/12/2021, 3:21 PM

Cases | Deaths by  
Country/Region/Sovereignty

**US**  
28-Day: 3,133,698 | 51,022  
Totals: 44,515,976 | 715,078

**United Kingdom**  
28-Day: 942,159 | 3,580  
Totals: 8,270,022 | 138,348

**Turkey**  
28-Day: 792,251 | 6,251  
Totals: 7,475,085 | 66,368

**India**  
28-Day: 696,341 | 7,750  
Totals: 33,985,920 | 450,963

**Russia**  
28-Day: 632,263 | 23,491  
Totals: 7,714,973 | 214,476

**Brazil**  
28-Day: 576,314 | 14,147  
Totals: 21,582,738 | 601,213

**Philippines**  
28-Day: 426,743 | 4,353  
Totals: 2,683,372 | 39,896

**Iran**  
28-Day: 398,067 | 8,109  
Totals: 5,729,785 | 123,081

**Malaysia**  
Admin0 Admin1 Admin2

Total Cases  
**238,557,111**

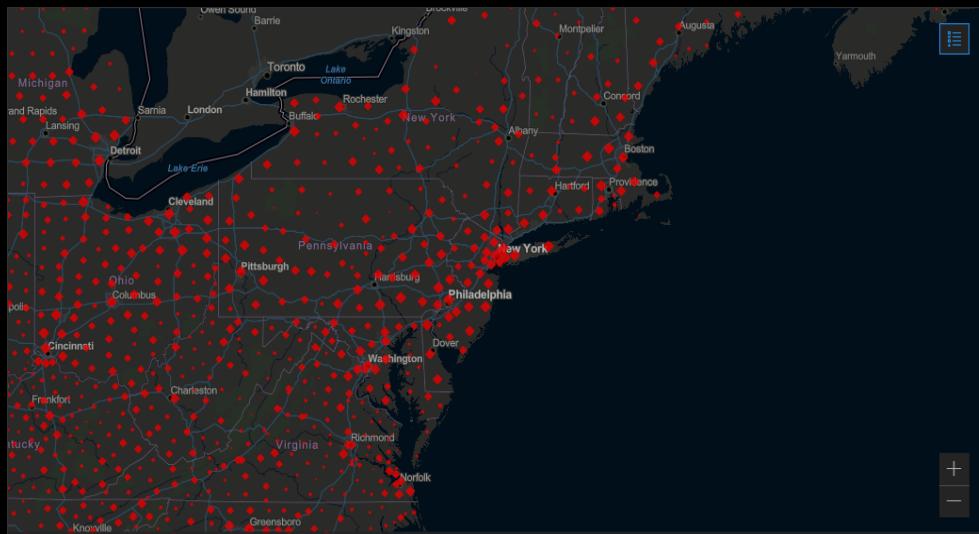
28-Day Cases  
**12,904,168**

Total Deaths  
**4,862,317**

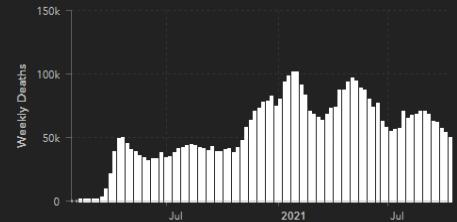
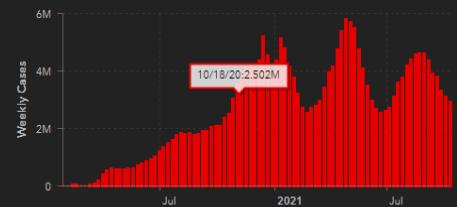
28-Day Deaths  
**217,427**

Total Vaccine Doses Administered  
**6,510,376,938**

28-Day Vaccine Doses Administered  
**727,514,986**



28-Day Totals Incidence Case-Fatality Ratio Global Vaccinations US Vaccinations Terms of Use

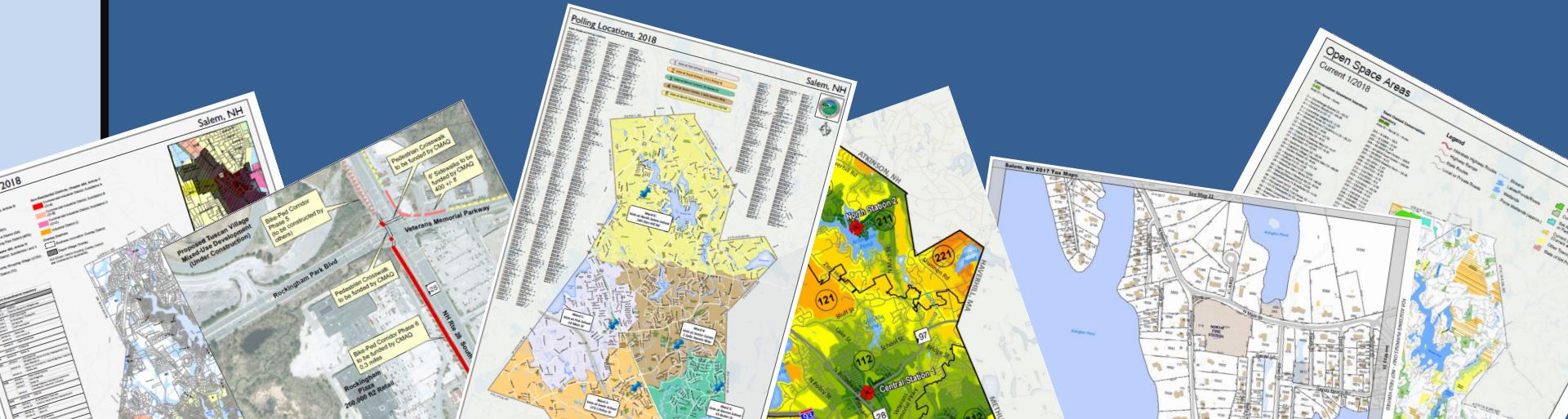


Weekly 28-Day



# GIS Program Overview

- Information tool used to link data and mapped features together
- Provides access to data via maps
- Anything that has a place can be part of a GIS



**Tax Map Updates - ArcMap**

File Edit View Bookmarks Insert Selection Geoprocessing Customize Windows Help

Georeferencing | RailTrailSection.dwg Polyline

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442 n main st.JPG  
RGB  
Red: Band\_1  
Green: Band\_2  
Blue: Band\_3

christine ln sub.JPG  
christine ln as-built.jpg

Freedom Drive  
freedom dr row.jpg  
33 park ave.JPG  
48 telfer.jpg  
3 freedom dr.JPG  
32 s shore rd.jpg

South Shore as-built pg 6 of 8  
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goodridge ave.JPG  
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19 s shore rd.JPG  
2 s shore rd.JPG  
RGB  
Red: Band\_1  
Green: Band\_2  
Blue: Band\_3

butler & hunters run 1of5.JPG  
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sylvan dr easement.JPG  
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general pulaski dr 2.JPG  
bannister rd.JPG  
Townsend Ave.JPG  
townsend ave 2of2.JPG  
general pulaski dr.JPG  
Millville Lake Drive 2.JPG  
Millville Lake Drive.JPG  
2015 Granit Ortho

1:1,250 100% Arial 10 B I U A

Identify

Identify from: <Top-most layer>

Parcels

Location: 1,102,544.419 105,271.565 Feet

Field Value

MAP 82  
Street Number 54  
STREET MILLVILLE ST  
Lot 2929  
Suffix 0  
Parcel ID 82-2929-0  
Owner SALEM SCHOOL DISTRICT  
Use (Description) School-Public  
Town Owned <null>  
DeedRed 1856/0191  
LGIM Use Educational / Church / Cemetery  
Last Updated 5/11/2018 9:00:08 PM  
Detailed Land Use Educational

Identified 1 feature

Table

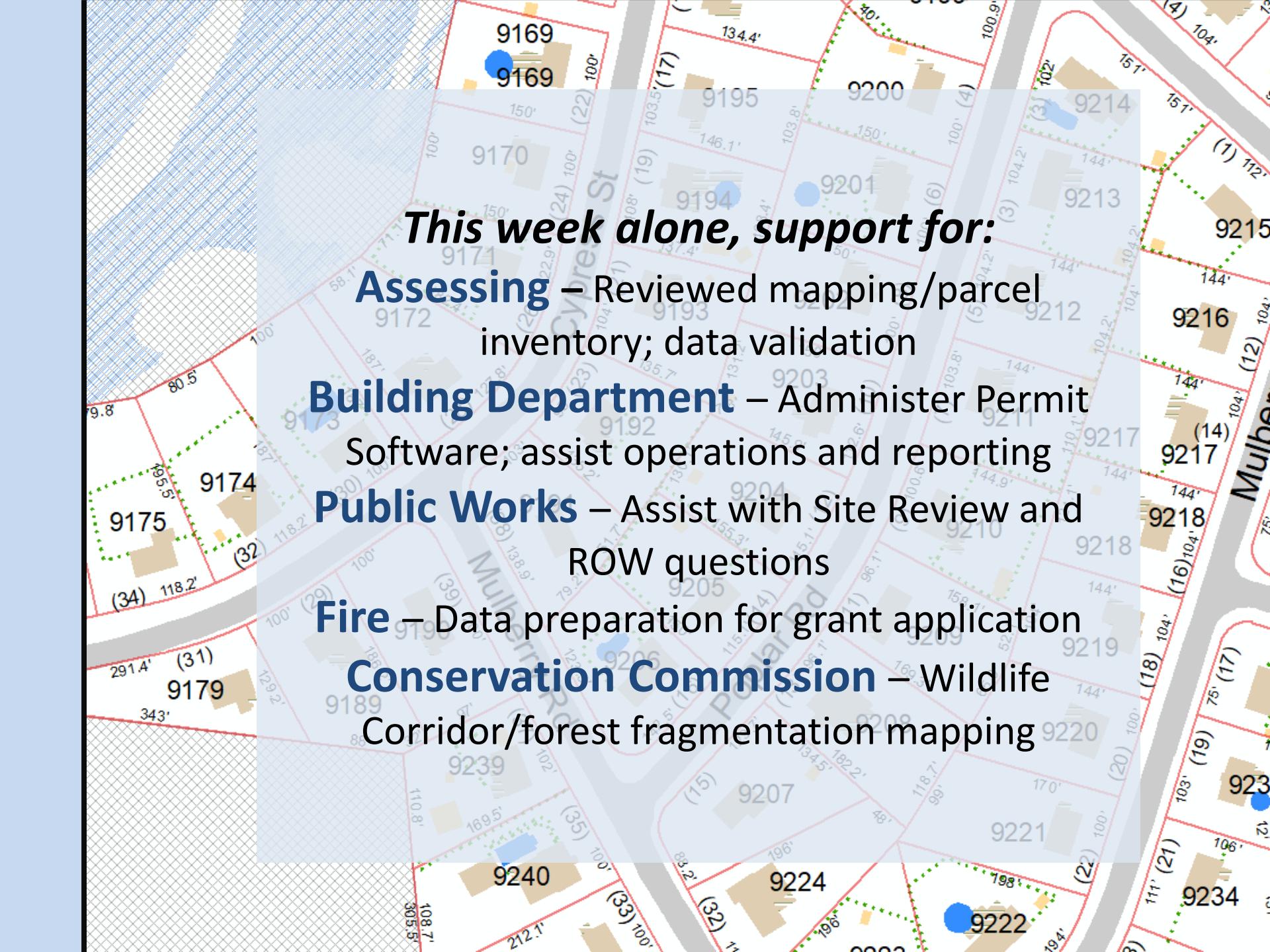
Parcels

Suffix	Parcel ID	Owner	Use (Description)	Town Owned	DeedRed	LGIM Use	Last
0	129-392-0	COOPER NORMAN S & HARRIET R	Raised Ranch	<Null>	2196/0304	Residential	3/20/2018 2:
0	129-393-0	GARCIA DAN S & ERIN	Raised Ranch	<Null>	4440/1874	Residential	3/20/2018 2:
0	129-394-0	MEDINA JULIO & KRYSTYNA	Raised Ranch	<Null>	3419/0826	Residential	3/20/2018 2:
0	129-395-0	AIELLO LISA A	Raised Ranch	<Null>	4857/0341	Residential	3/20/2018 2:
0	129-396-0	GUY CHRISTOPHER & DIANNE	Raised Ranch	<Null>	5615/1432	Residential	3/20/2018 2:
0	129-397-0	FOSTER MICHAEL	Ranch	<Null>	3892/1468	Residential	3/20/2018 2:
0	129-398-0	TRAPAN MICHAEL A & DEBORAH M	Ranch	<Null>	3774/2635	Residential	3/20/2018 2:
0	129-399-0	MEDINA KRYSTYNA *	Raised Ranch	<Null>	3442/0231	Residential	3/20/2018 2:
0	129-400-0	WAROSZEWSKI ANNA D	Ranch	<Null>	2286/1326	Residential	3/20/2018 2:
0	129-401-0	HUNT RYAN	Cape Cod	<Null>	5762/0869	Residential	3/20/2018 2:

1 0 out of 10316 Selected

Parcels

71°13'30.375"W 42°47'17.678"N



***This week alone, support for:***

**Assessing** – Reviewed mapping/parcel inventory; data validation

**Building Department** – Administer Permit Software; assist operations and reporting

**Public Works** – Assist with Site Review and ROW questions

**Fire** – Data preparation for grant application

**Conservation Commission** – Wildlife Corridor/forest fragmentation mapping



# Public Access

Property - Town of Salem, NH - [X](#) [GIS](#) Geographic Information System | [+](#)

[townofsalemh.org/gis](#)

Apps MapGeo [Salem NH](#) [Vueworks](#) [Kronos](#) [AGOL](#) [Google Maps](#) [Vision Appraisal](#) [ICO Convert - Create...](#) [DocuWare](#) [ICMA-RC Account...](#)

COVID-19 Information About Us Departments Boards & Committees [Find It Fast](#)

NEW HAMPSHIRE

Infrastructure / Asset Management  
MapGeo for Salem  
Printed Maps  
Salem, NH 2021 Tax Maps

Contact Info

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Salem, NH 03079  
United States  
See map: Google Maps

Key Contacts

John Vogl  
(603) 685-6416

Home » Departments » Community Development and Planning [«](#) [»](#)

## Geographic Information System (GIS) / Town Maps

**Now Available**  
**MapGeo**  
for Salem



**MapGeo for Salem** offers public access to GIS layers, including aerial imagery, parcel boundaries and administrative (zoning/voting districts) and infrastructure mapping. The site offers tools to turn layers on and off to see their spatial context and also provides the ability to access assessing information, including ownership and value details for selected parcels. Please see this [help site](#) for more information.

The data presented in the site is actively managed by GIS Manager John Vogl and Chief Assessor Chris Ruel. The parcel boundary lines shown represent the best available depiction and are updated as new information becomes available. This site should be used for planning purposes only.



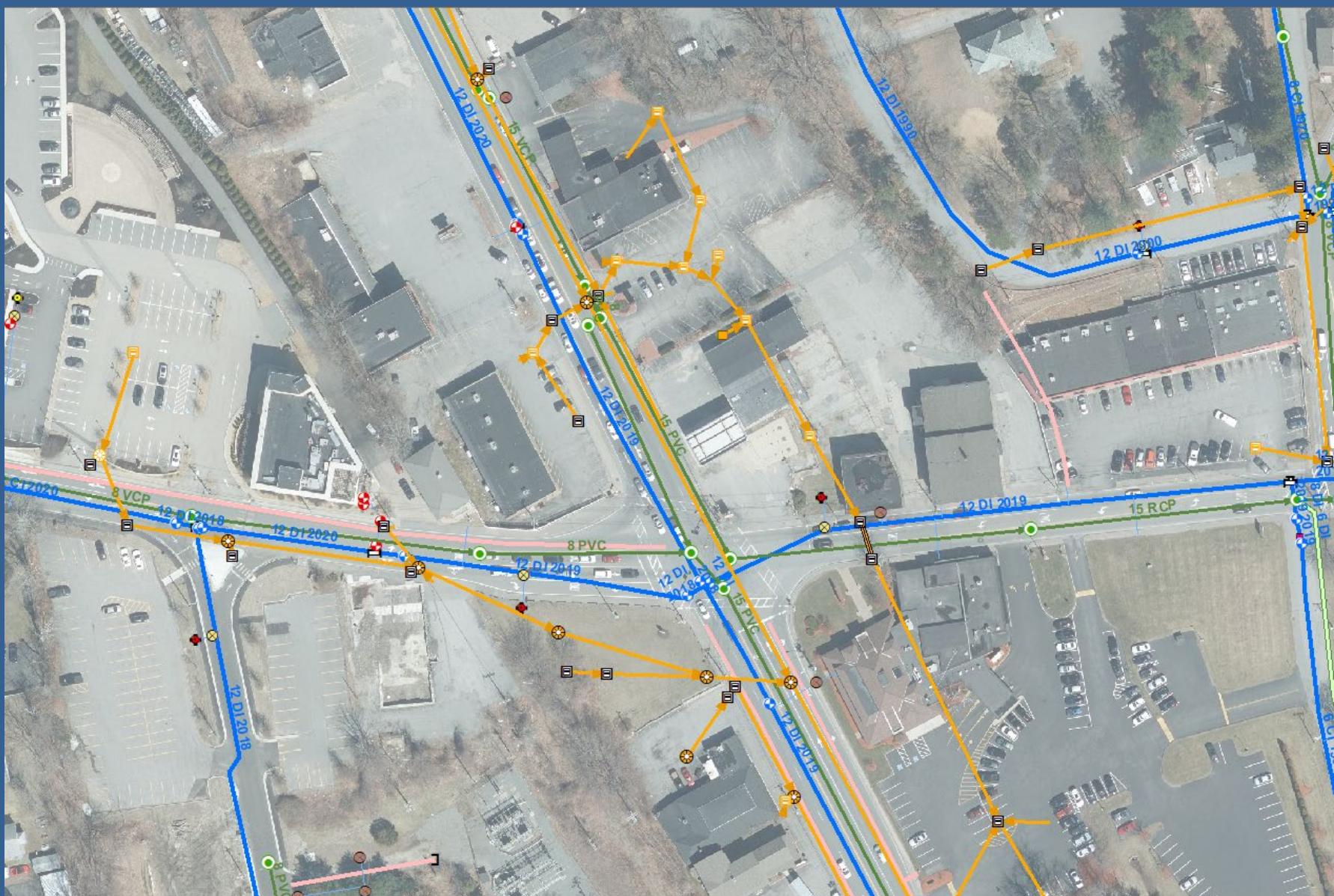
Click to view a video tutorial on using MapGeo for Salem

News

Cemetery Expansion  
Depot Reconstruction Roadwork - Phase II  
Energy-Saving Trees  
Household Hazardous Waste Day  
Depot Intersection Reconstruction - Update

[View all](#)

# Asset Management Program



# Asset Management Program



**Currently utilized by:**  
Municipal Services (all Divisions)  
& Police (Fleet)

**Applications:**  
Asset Inventory  
Maintenance History  
Work Order Tracking  
Condition Assessment



CROSS ST - Property - Town of S | Town of Salem, NH GIS | Spring Hydrant Flushing App, 2022

[salemgis.maps.arcgis.com/apps/instant/sidebar/index.html?appid=5e0f2e776f3649d5b724e64aafa60f5f](http://salemgis.maps.arcgis.com/apps/instant/sidebar/index.html?appid=5e0f2e776f3649d5b724e64aafa60f5f)

MapGeo | Salem NH | Vueworks | Kronos | Paychecks | AGOL | Google Maps | Vision Appraisal | Other bookmarks

### Spring Hydrant Flushing App, 2022

Hydrants\_with\_Fall Flush\_Data

Status

- Did not Drain
- Needs Work Order
- Out of Service
- Good

Hydrants\_with\_Spring Flush\_Data

Status

- Did not Drain
- Needs Work Order
- Out of Service
- Good

Public Water Hydrants

Water Mains

TownBorder hide

0.3 mi

Esri, NASA, NGA, USGS, FEMA | Esri Community Maps Contributors

CROSS ST - Property | Town of Salem, NH GIS | Catch Basin and Pipe Jetting Program, 2022 | Spring Hydrant Flushing App

[salemgis.maps.arcgis.com/apps/webappviewer/index.html?id=73060f06ebc34c4aaaececd3b20ba86](http://salemgis.maps.arcgis.com/apps/webappviewer/index.html?id=73060f06ebc34c4aaaececd3b20ba86)

MapGeo | Salem NH | Vueworks | Kronos | Paychecks | AGOL | Google Maps | Vision Appraisal | Other bookmarks

### Catch Basin and Pipe Jetting Program, 2022

with ArcGIS Web AppBuilder

Find address or place

Edit Features

Select a template to create features

- Non CB Inlet Structures
- Catch Basins
- Drainage Manholes

New Feature

300ft

-71.21842.819 Degrees

Powered by esri



## Final Thoughts:

- Needs constant review/updates to stay current in a dynamic town
- Access to government services is changing
- GIS is active and present in most of what we do