Open Source Municipal GIS

QUANTUM GIS   PostGIS

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Commission's GIS History

Developed It's GIS → Late 1980's

Purchased ESRI ArcView → 1994

GIS Starter Kit → 2000

Online Map Viewer → 2005

Open Source → Present

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Capacity Builders

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Open Source

denoting software for which the original source code is made freely available and may be redistributed and modified

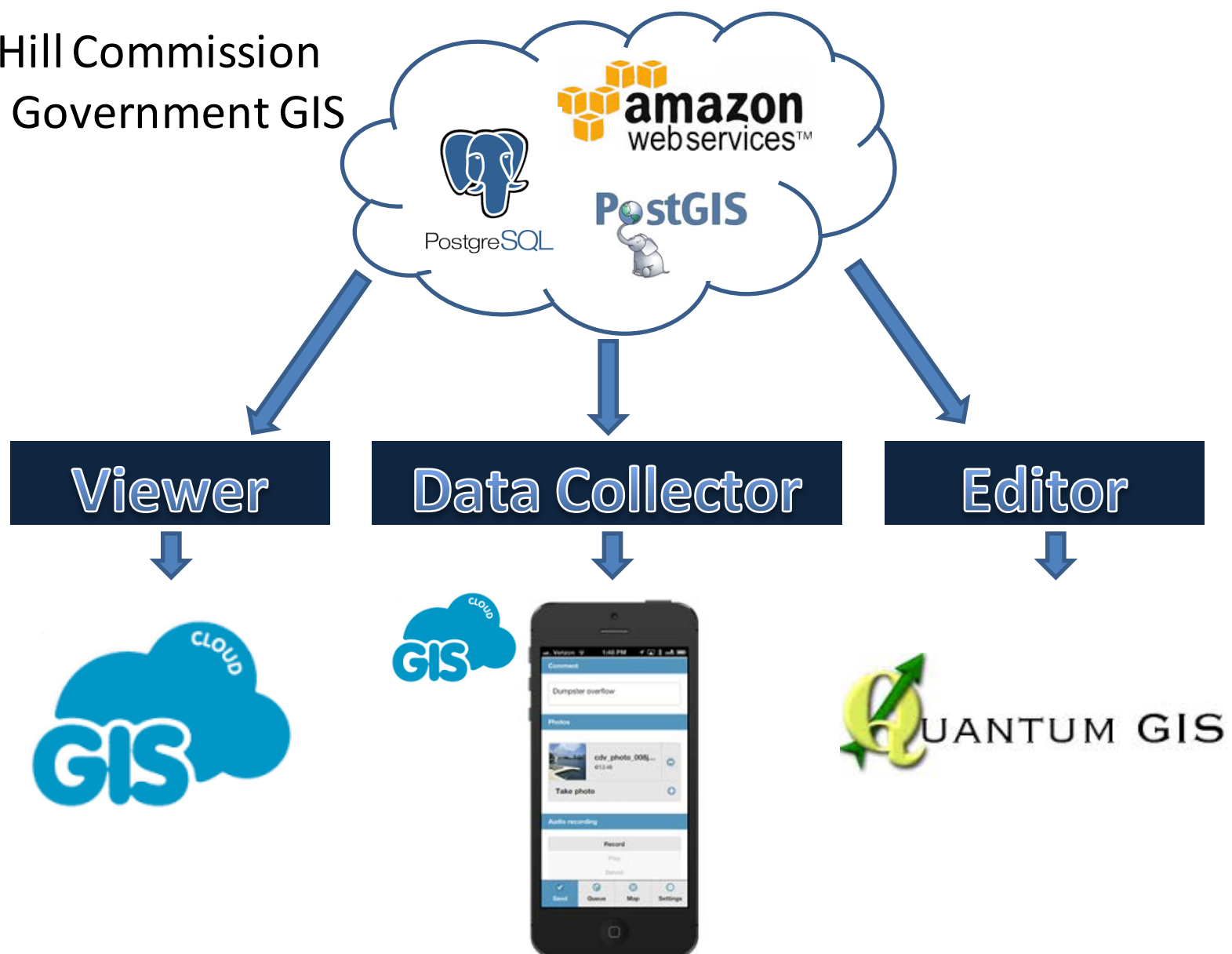# Reasons For Open Source

Platform Neutral

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Reasons for Open Source

Financial

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Reasons for Open Source

Advancement in Open Source

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Local Government GIS

Viewer

Data Collector

Editor

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Tug Hill Commission Local Government GIS

Mobile Phone
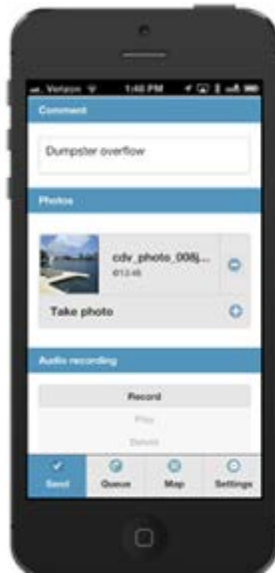
Bluetooth GPS

GPS Essentials
Have used for data collection on smartphone.

Where to Start?

QUANTUM GIS

Create Maps   Vector & Raster Editing   Create New Data Layers
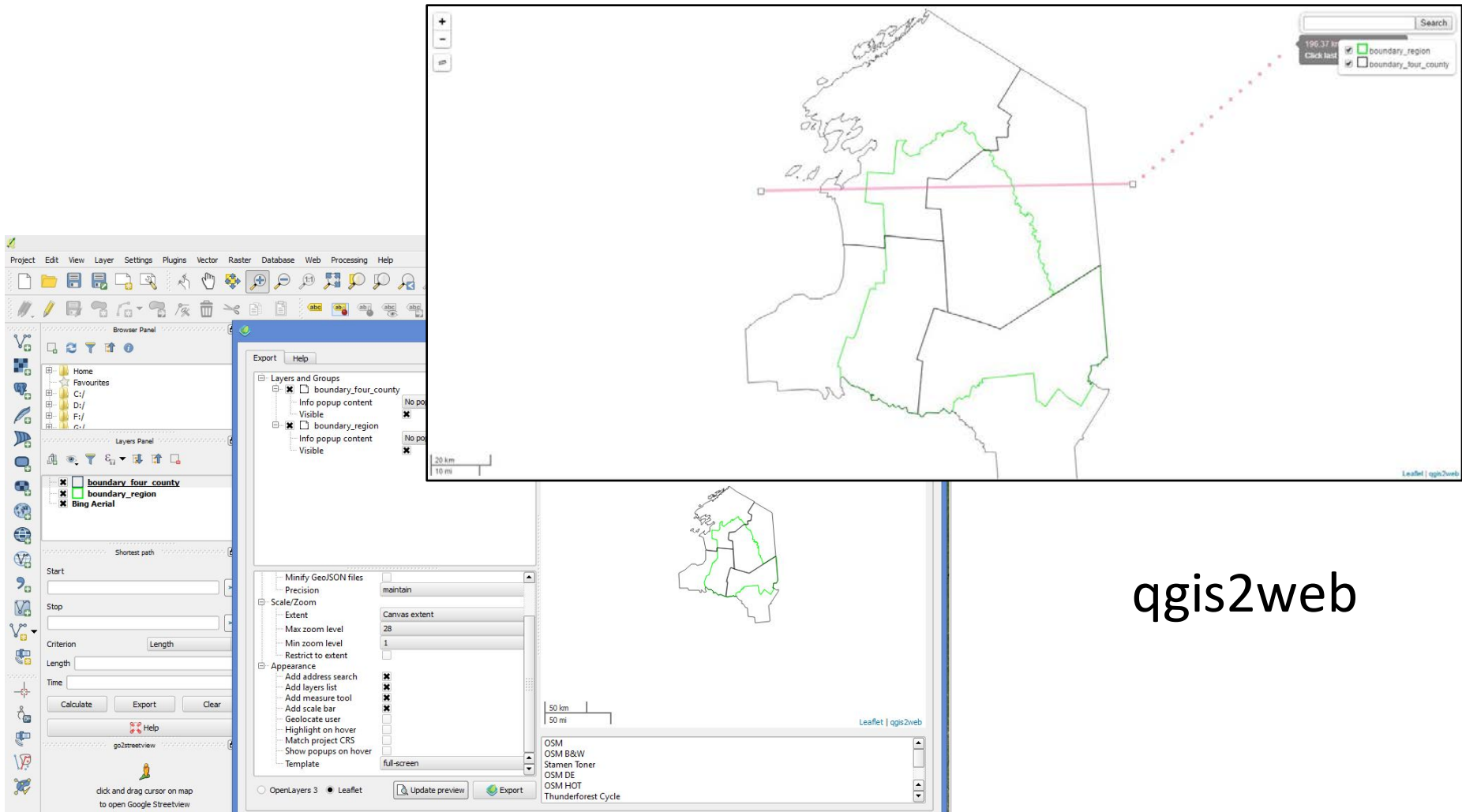
Mobile Application   Web Application   Data Analysis
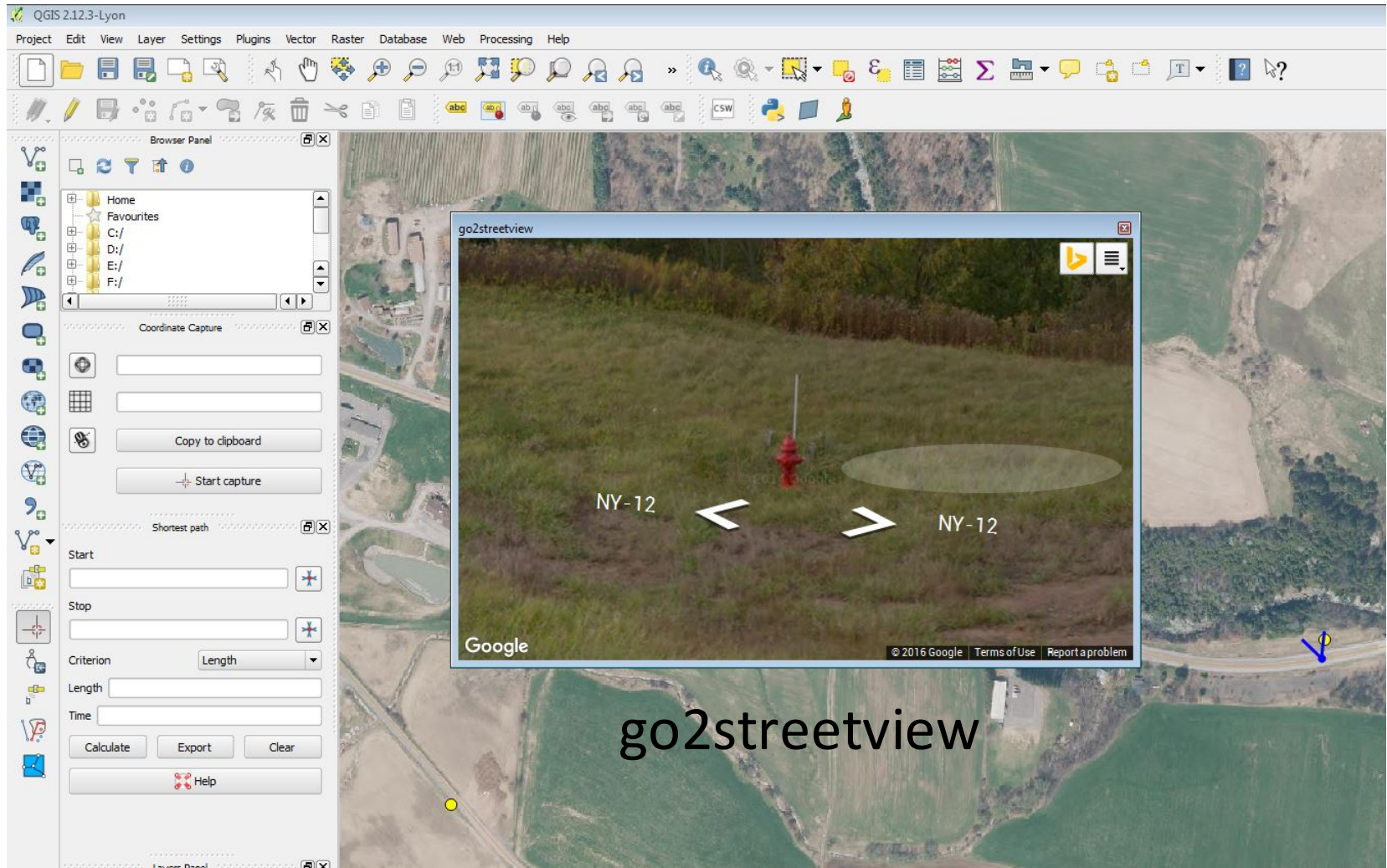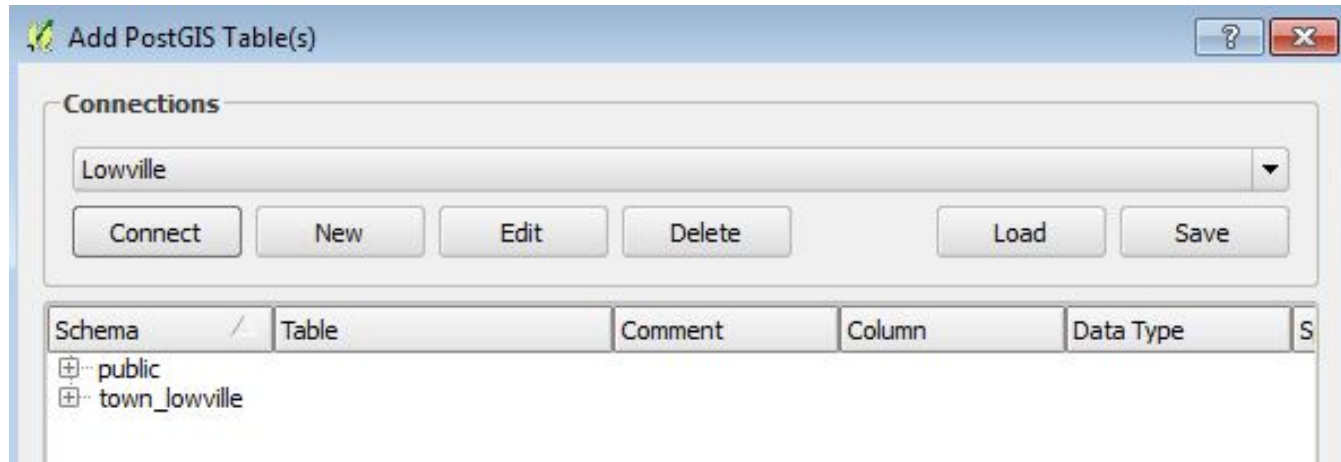
Many Plug-Ins   Geoprocessing

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Examples of QGIS

qgis2web

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Examples of QGIS
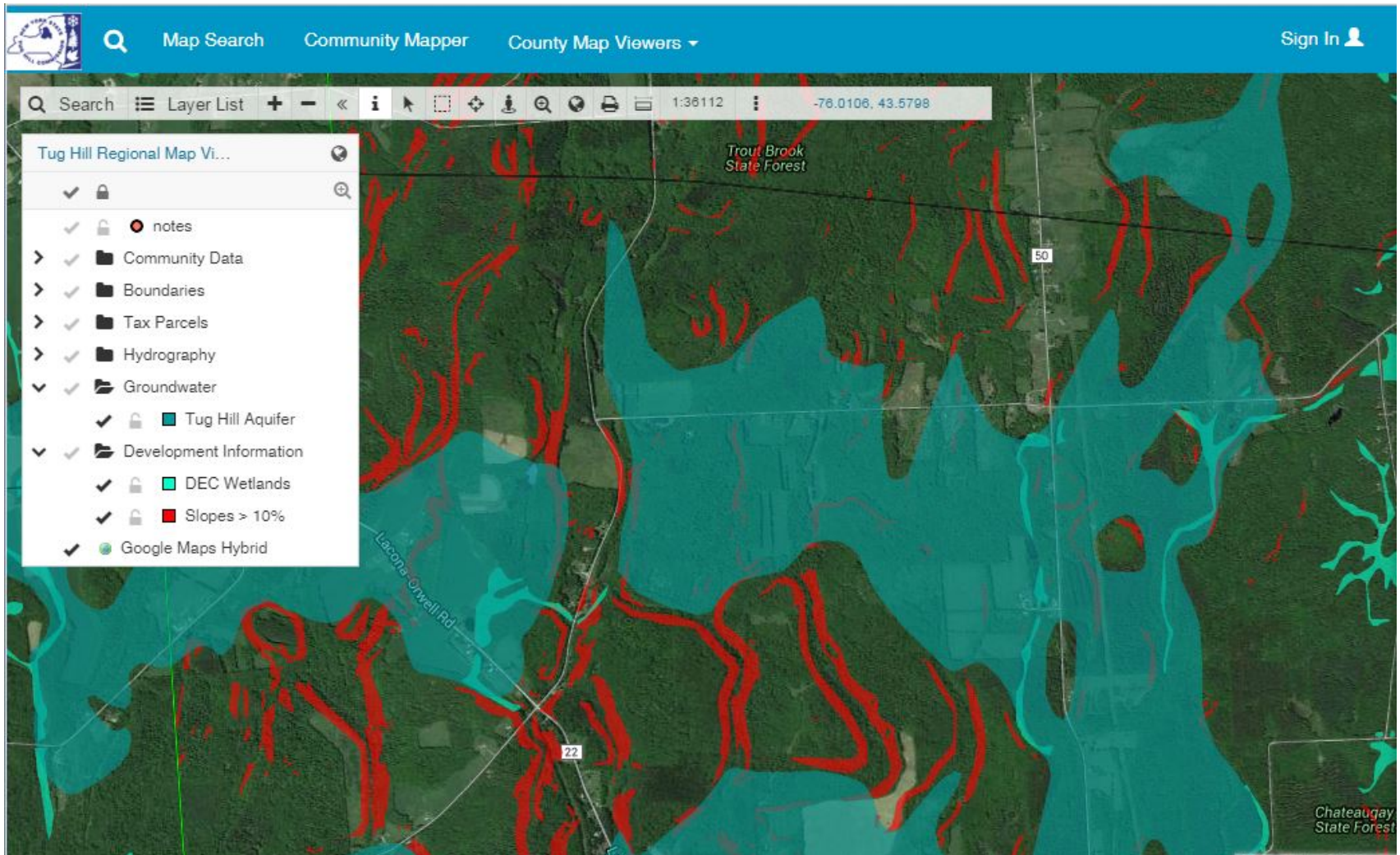

go2streetview

Town of Lowville QGIS

"public" – Town of Lowville has read only access.
"town_lowville" – Town of Lowville has editing capabilities.

There are other towns and villages, but they do not have access to view their data.
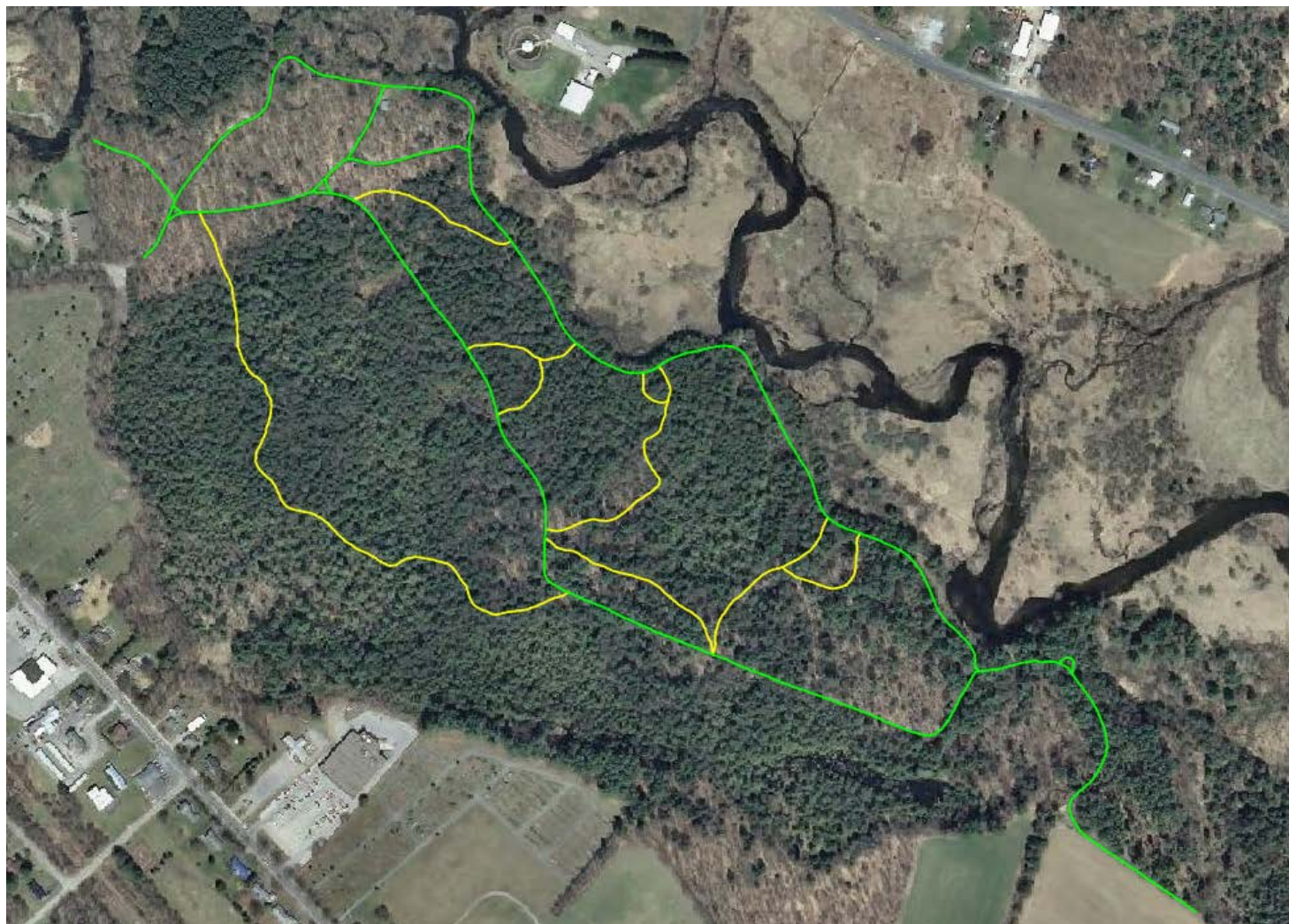
Town of Lowville GIS

Other Examples

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Village of Camden Forest Park

NOT Bigfoot!

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Village of Camden Forest Park

Village of Remsen

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