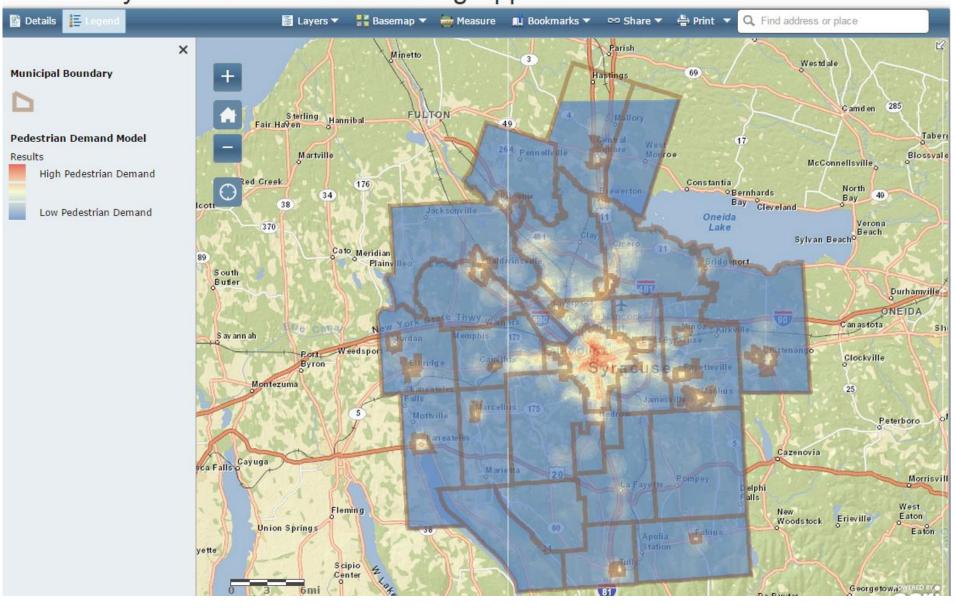
# GREATER SYRACUSE PEDESTRIAN PLANNING APPLICATION HTTP://GOO.GL/RJVXRX

#### Greater Syracuse Pedestrian Planning Application



### Pedestrian Demand Model

- Based in GIS
- Split Study Area into thousands of 10m x 10m cells
- Compiled values from 18 different data layers into a single score for each cell
- Each cell receives a score on a scale of 0 to 100

### Model Layers

### Proximity to Destinations

- Schools
- Grocery stores
- Pharmacies
- Commercial Districts
- Post Offices
- Libraries
- Community Centers
- Convenience Stores
- Transit Stops

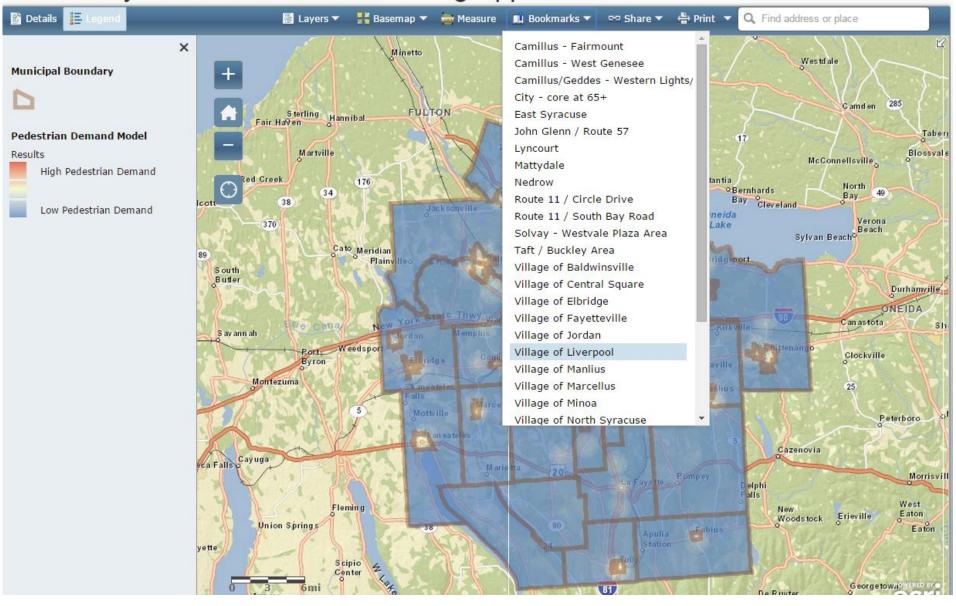
#### Neighborhood Characteristics

- Population Density
- Employee Density
- Households w/o Vehicles
- Pct. Walking to Work
- Population over 65
- Population under 18
- Refugee Resettlement Areas

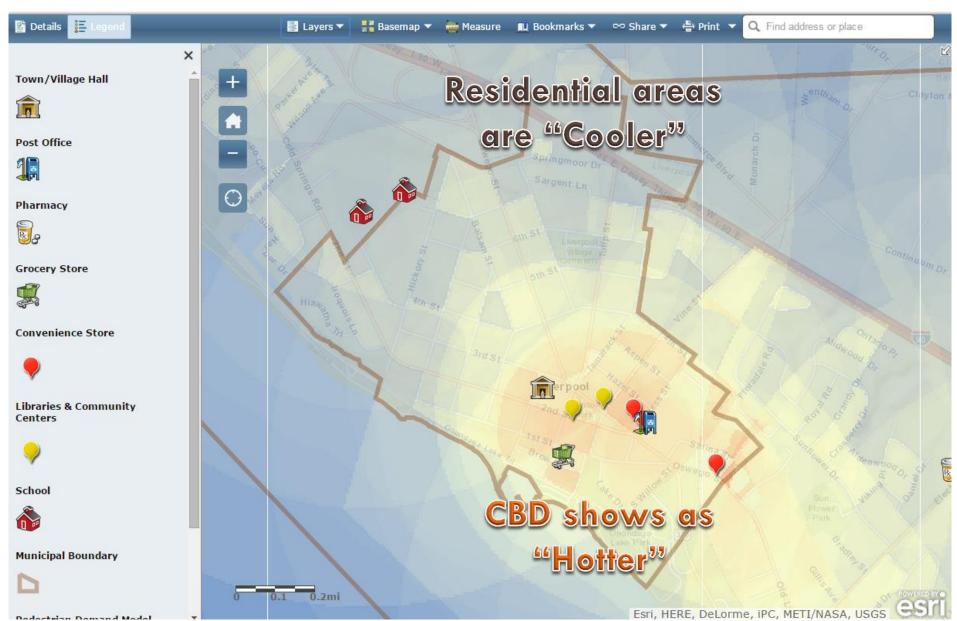
#### **Pedestrian Detractors**

Pedestrian/Vehicle Collision Density Greater Syracuse Pedestrian Planning Application Layers ▼ Basemap ▼ Measure Details E Legend ■ Bookmarks ▼ ♣ Print ▼ Q Find address or place ⇔ Share ▼ × Parish Minetto Westdale **Municipal Boundary** 69 Hastings 285 C amd en Sterling Hannibal FULTON Taber Pedestrian Demand Model Martville Blossvale Results McConnellsville High Pedestrian Demand ed Creek Constantia 176 North •Bernhards 34 Bay Cleveland 38 Low Pedestrian Demand Oneida Verona 370 Lake Sylvan Beach? Cato Meridian 89 Plainy Ilea South Butler Durhamville ONEIDA Can astota S av ann ah Port Weedspor Chittenango Clockville REDridge. Byron Montezuma 25 Marcellus 175 Peterboro Cazenovia eca Falls o Cayuga Morrisvill D elphi Falls West Fleming Erieville Eaton Woodstock Fabius Union Springs Eaton yette Scipio George town Willel

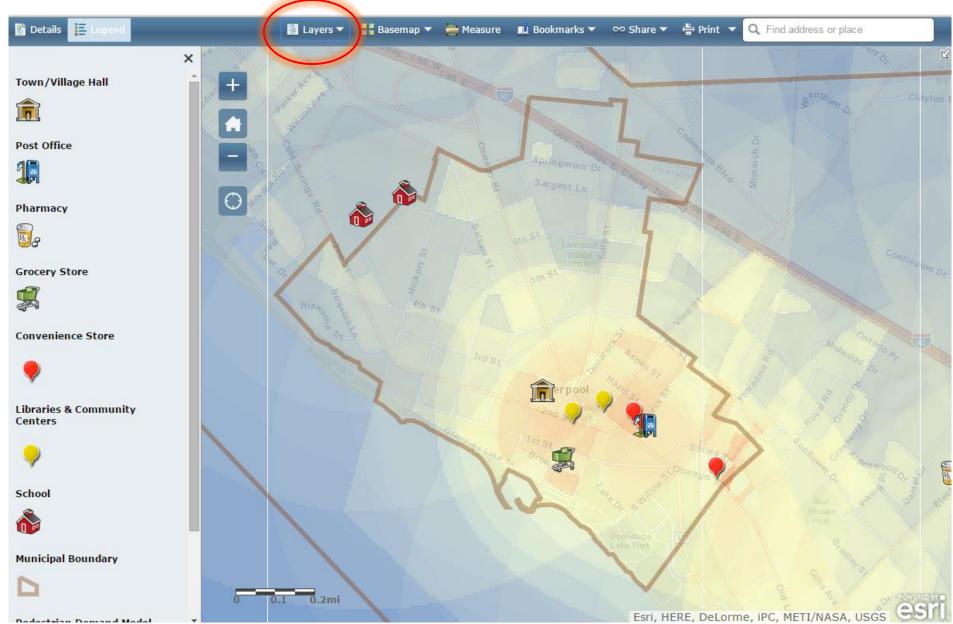
#### Greater Syracuse Pedestrian Planning Application



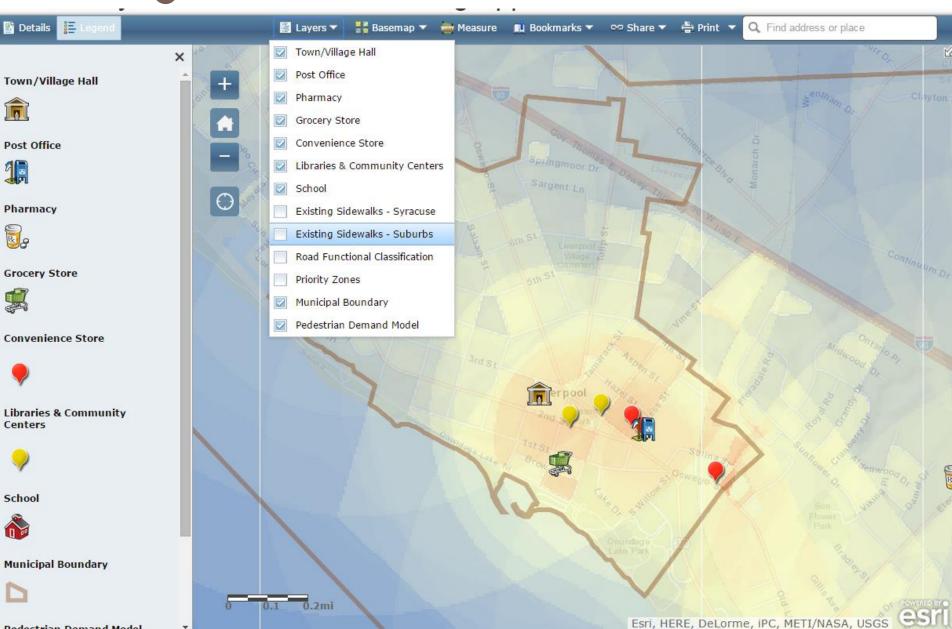
### Village of Liverpool



Existing Sidewalks



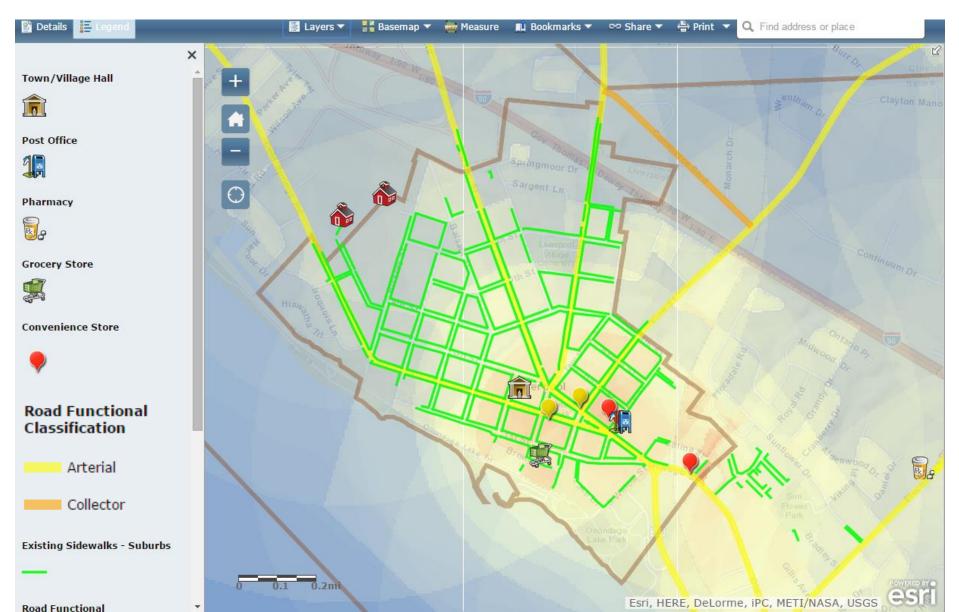
### Existing Sidewalks



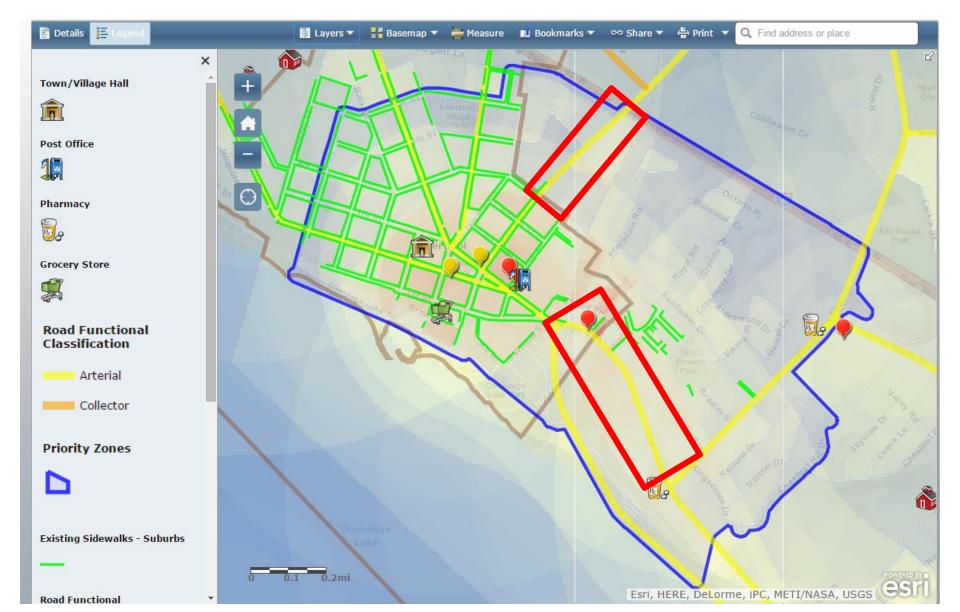
### Existing Sidewalks

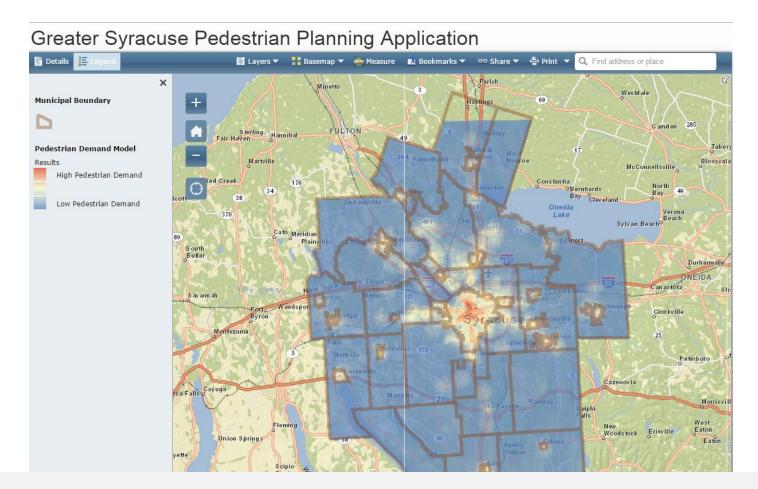


### Layers: Functional Class



### Layers: Priority Zones





## Greater Syracuse Pedestrian Planning Application

http://goo.gl/rJVXRX

### Online Mapping Resources

- ArcGIS Online
- SMTC ArcGIS Online Maps
- NYSDOT Traffic Data Viewer
- NYSDOT Functional Classification Viewer
- Syracuse Community Geography

### ArcGIS Online

#### www.arcgis.com



ArcGIS connects maps, apps, data, and people so you can make smarter, faster decisions. It gives everyone in your organization the ability to discover, use, make, and share maps from any device, anywhere, anytime.

### Ready-to-Use Maps

#### http://www.arcgis.com/features/maps/index.html



#### Transportation

ArcGIS includes a number of maps and layers that describe the systems that people use to move between places. This includes a variety of global, national, and local maps on various topics from infrastructure projects to rest areas. Some of these layers are dynamic, such as the live World Traffic map, which is bridged every few minutes with data on traffic incidents and congestion.



Highway Access in Europe



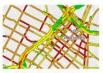
Highway Access in North America



London Roadspeed



Imagery with Labels and Transportation



World Traffic Map



#### **Urban Systems**

Over half of the world's population now lives in cities, and the percentage is growing. This urbanization has a profound impact on our lives, and it presents unique challenges for managing urban systems. This collection of maps and layers provides useful information, such as open space, highway access and noise pollution, to help cities implement innovative solutions for the complex problems they face. This includes standard layers that can be used to compare different cities as well as detailed urban landscapes that can be used for visualization and analysis.



BPA Wind Ma



BPA Transmission Lines



Highway Access in South America

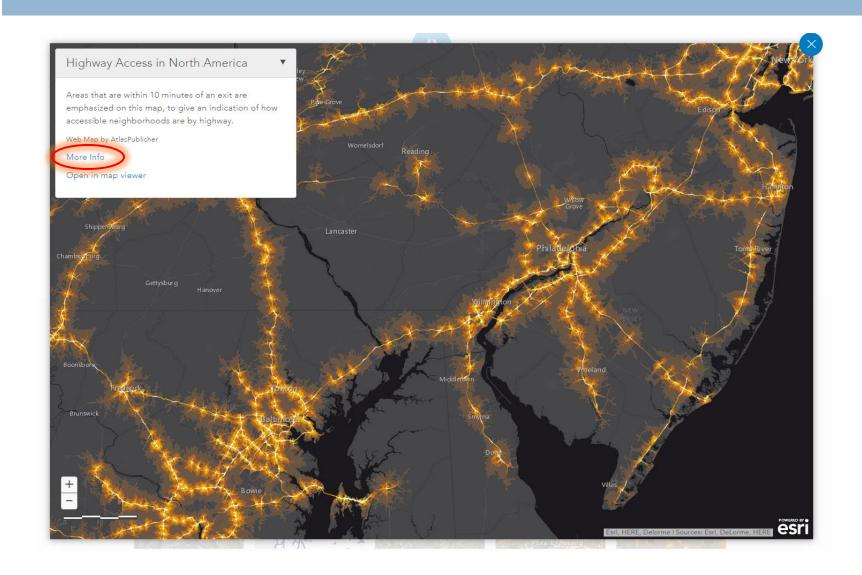


Highway Access in Asia



Highway Access in Middle East and Africa







#### Highway Access in North America



Areas that are within 10 minutes of an exit are emphasized on this map, to give an indication of how accessible neighborhoods are by highway.

Web Map by AtlasPublisher Last Modified: December 18, 2014

\*\*\* (2 ratings, 5,312 views)

Sign in to rate this item.





Areas that are within 10 minutes of an exit are emphasized on this map, to give an indication of how accessible neighborhoods are by highway. The colors represent 1, 3, 5 and 10 minute increments from the exits, based on posted exit speeds and local road speeds in ideal conditions.

The areas were calculated using ready to use services hosted in ArcGIS which feature a road network from HERE. A simple geoprocessing tool sent 40,000+ exit locations to the service, which returned the 160,000+ polygons.

#### Access and Use Constraints



This work is licensed under the Web Services and API Terms of Use.

View Summary | View Terms of Use

#### Map Contents

UO\_NA\_Reference:

http://tiles.arcgis.com/tiles/nGt4QxSblgDfeJn9/arcgis/rest/services/UO\_NA\_Reference/MapServer

Highway Access:

http://atlasmaps.esri.com/arcgis/rest/services/Esri/HighwayAccess/MapServer

World\_Dark\_Gray\_Base\_Beta:

http://tiles.arcgis.com/tiles/P3ePLMYs2RVChkJx/arcgis/rest/services/World\_Dark\_Gray\_Base\_Beta/MapServer

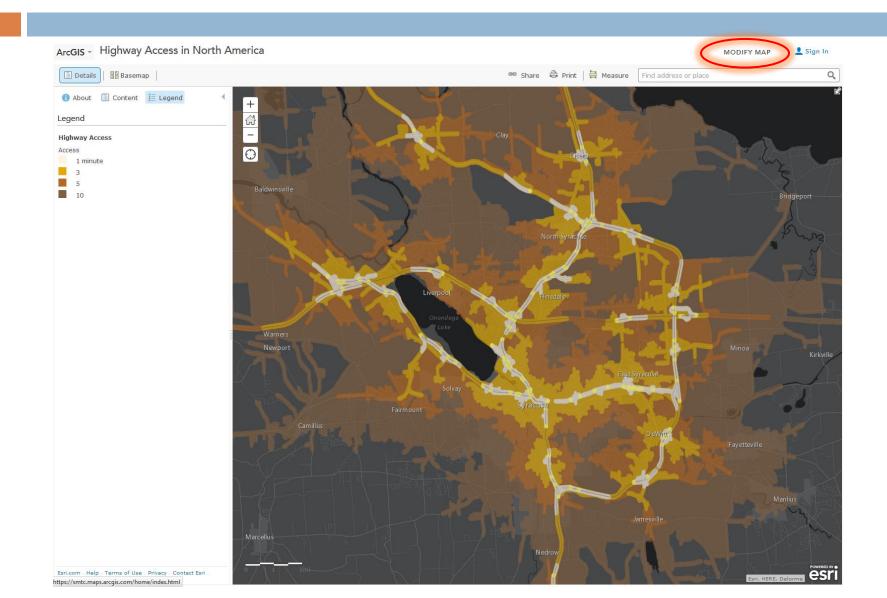
UO\_NA\_Basemap:

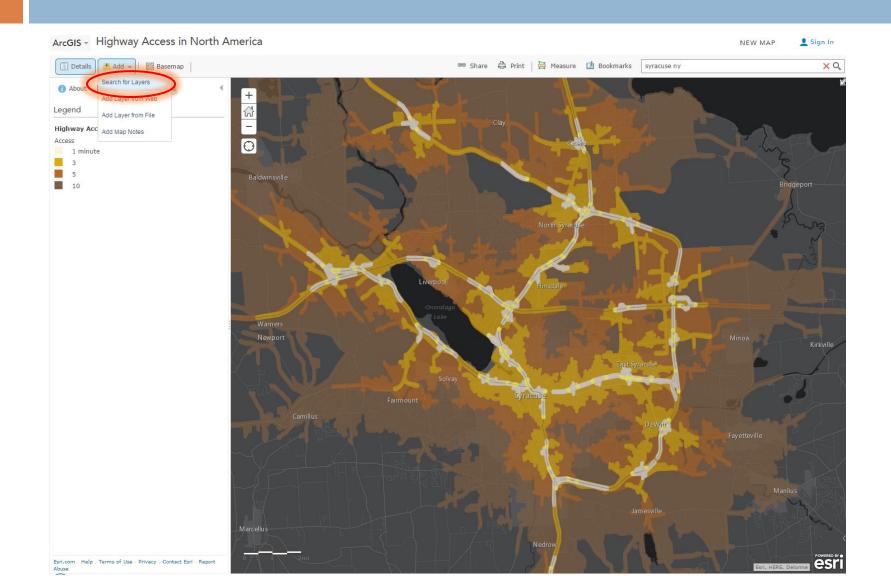
http://tiles.arcgis.com/tiles/nGt4QxSblgDfeJn9/arcgis/rest/services/UO\_NA\_Basemap/MapServer

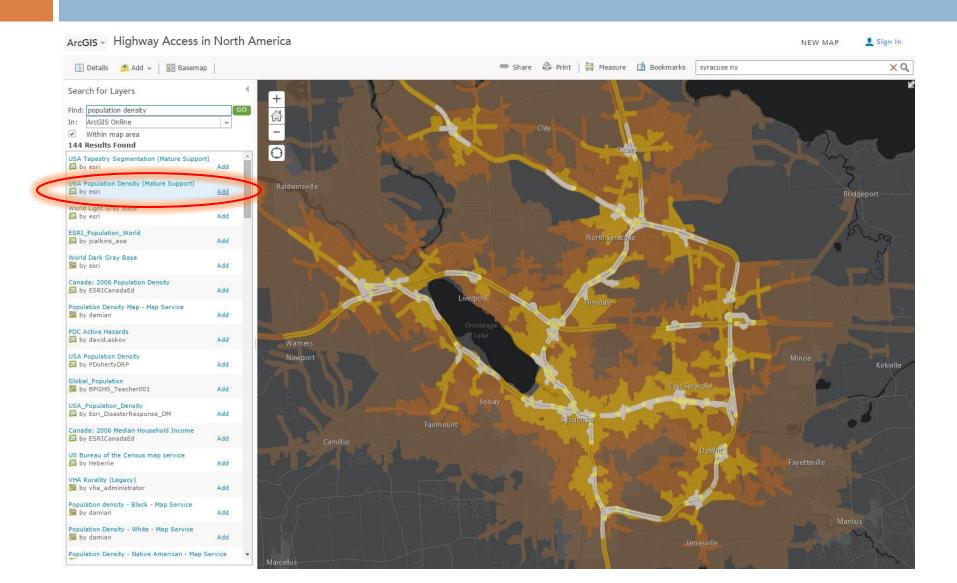
#### **Properties**

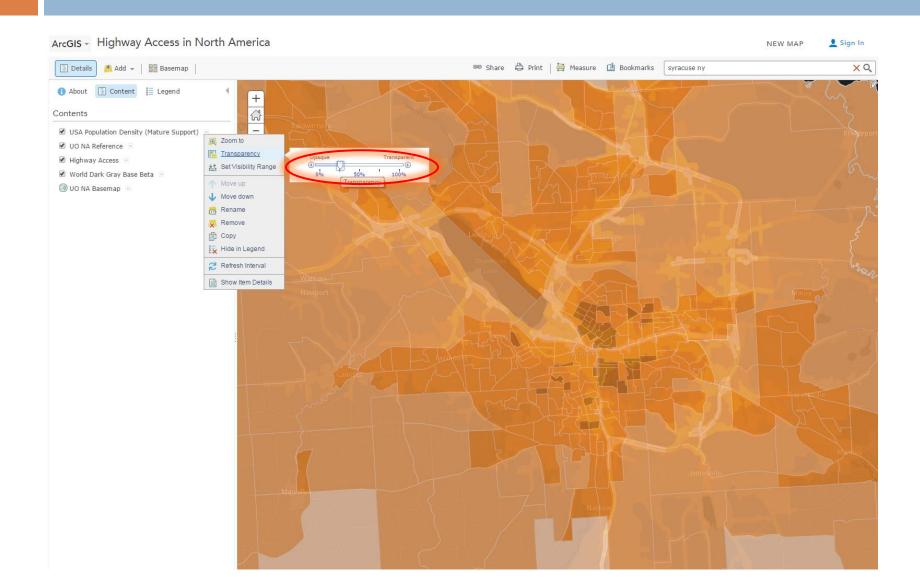
highway, access, freeway, interstate, exit, urban, movement Tags

Credits Esri, HERE









### SMTC ArcGIS Online Homepage

#### https://smtc.maps.arcgis.com/home/index.html



Sign In

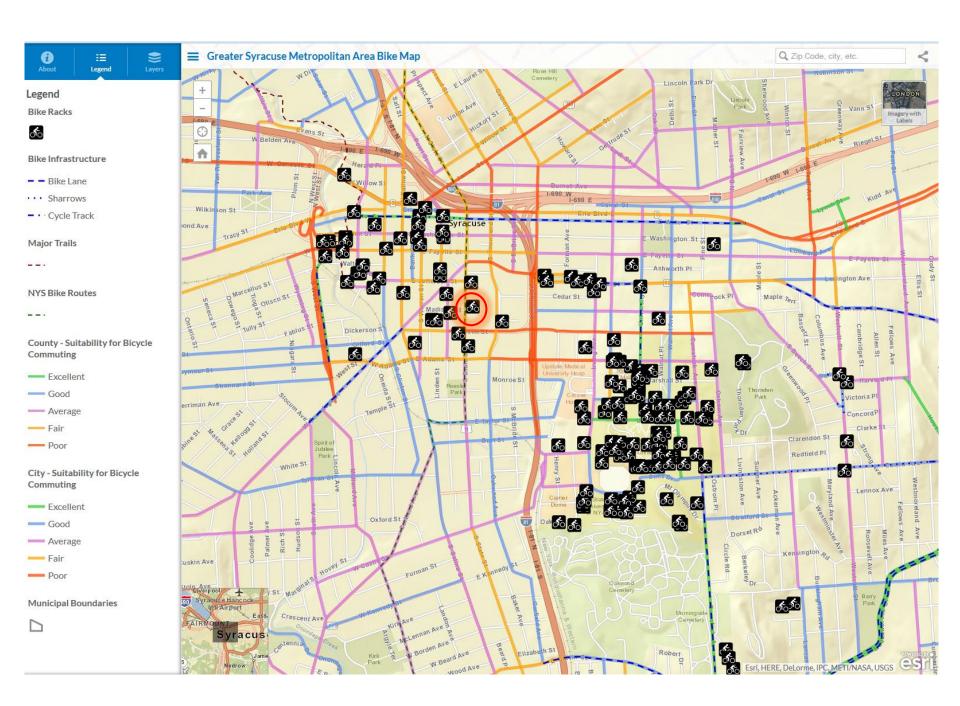
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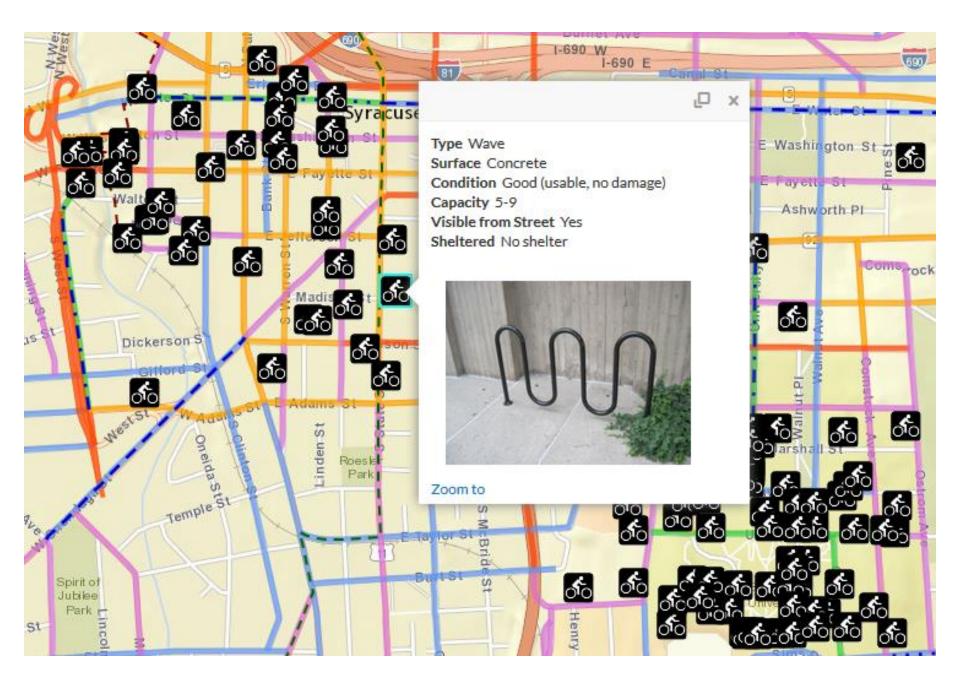


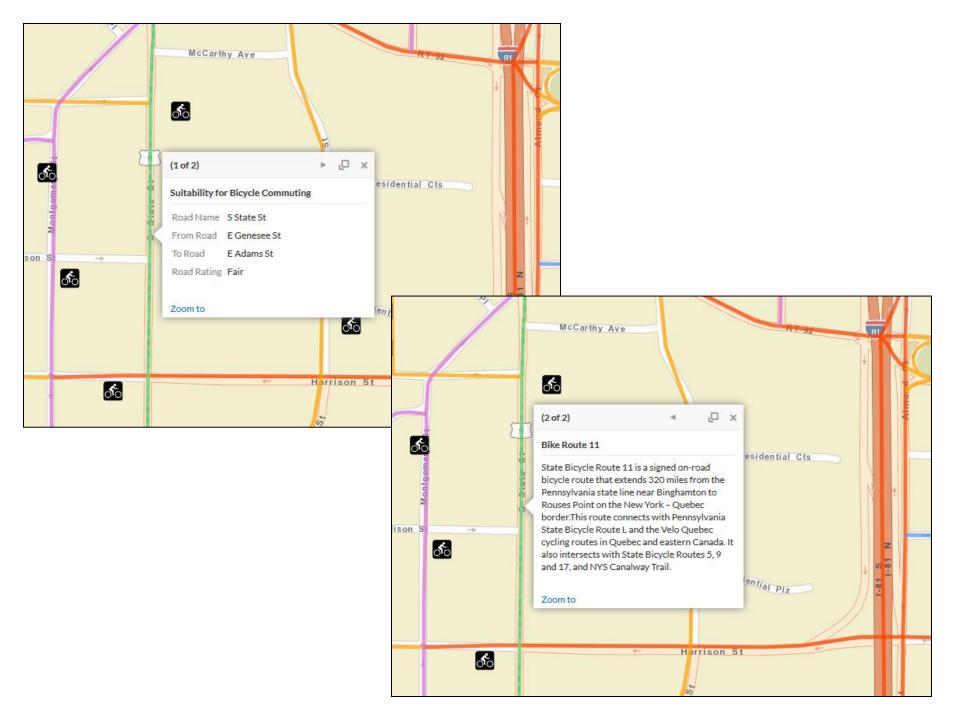
The Syracuse Metropolitan Transportation Council (SMTC) is the State-designated Metropolitan Planning Organization (MPO), responsible for administering the continuous and comprehensive transportation planning process in Onondaga County, and small portions of Madison and Oswego Counties, As the MPO, the SMTC provides the forum for cooperative decision making in the development of transportation plans, programs and recommendations. Its committees are comprised of elected and appointed officials, representing local, state and federal governments, agencies, and organizations having interest in or responsibility for transportation planning and programming. The SMTC also provides an opportunity for citizens to participate in the discussion of specific transportation issues and projects, and encourages the public to get involved in the public involvement opportunities available.

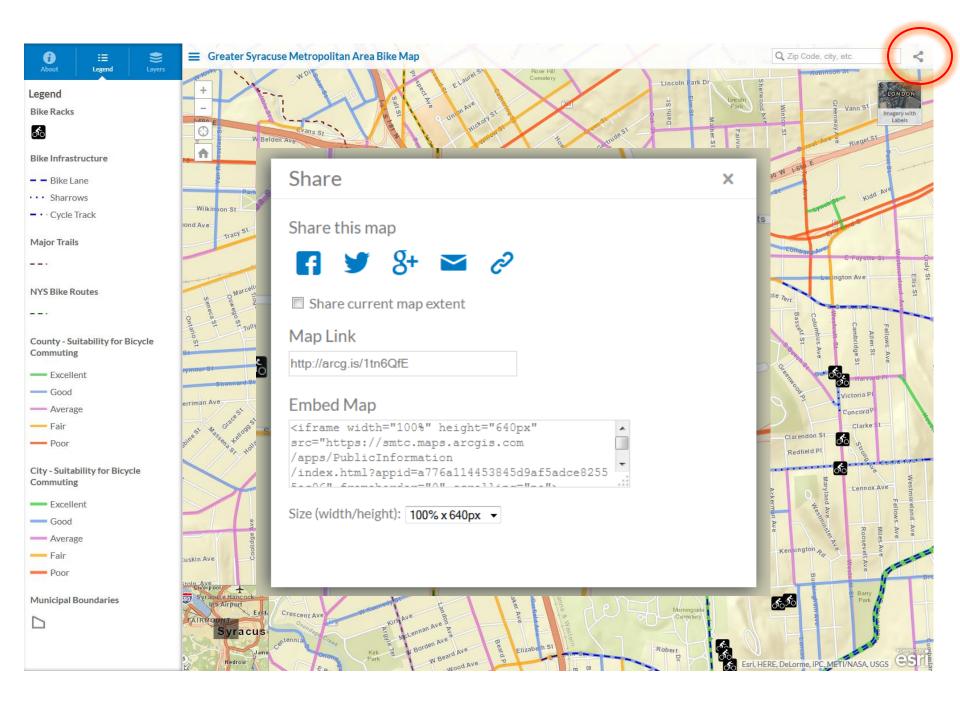
Please visit www.smtcmpo.org for more information.

HOME GALLERY MAP SCENE GROUPS



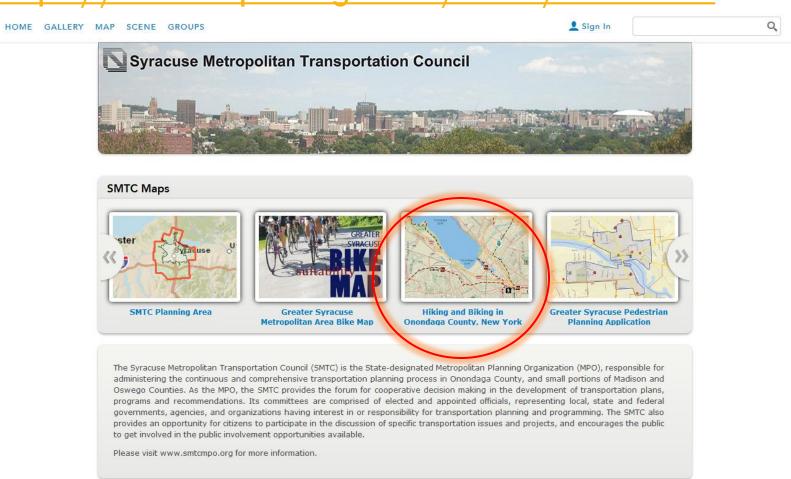


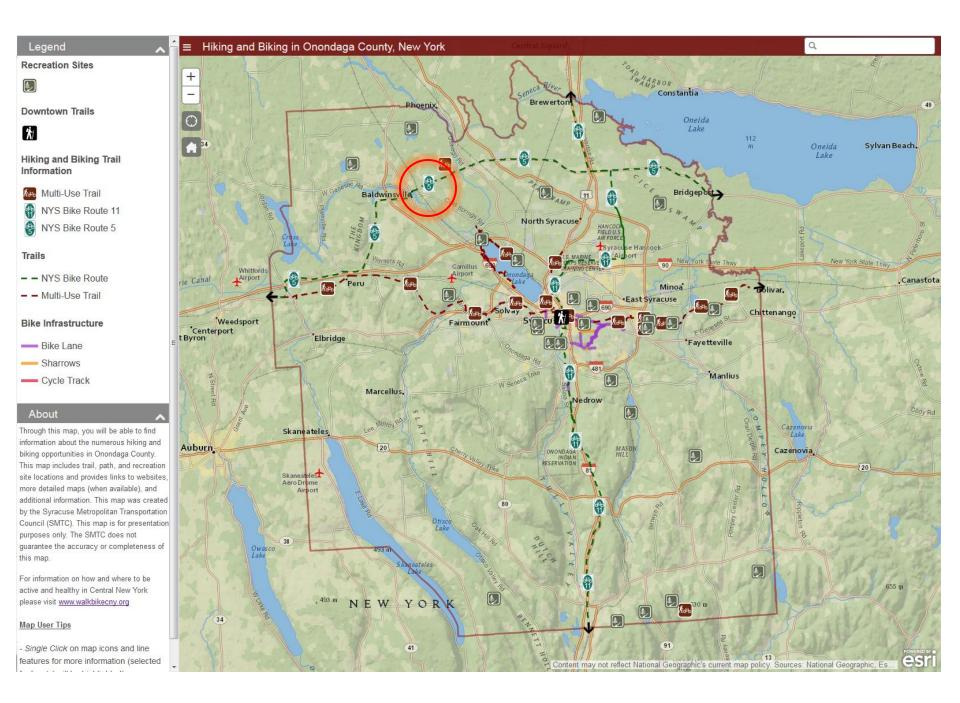


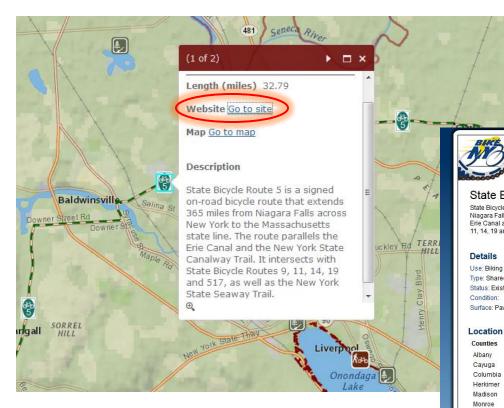


### SMTC ArcGIS Online Homepage

#### https://smtc.maps.arcgis.com/home/index.html







#### **Bicycling in New York**

#### State Bike Route 5

State Bicycle Route 5 is a signed on-road bicycle route that extends 365 miles from Niagara Falls across New York to the Massachusetts state line. The route parallels the Erie Canal and the New York State Canalway Trail. It intersects with State Bicycle Routes 9, 11, 14, 19 and 517, as well as, the New York State Seaway Trail.

#### Details

Counties

Albany

Cayuga

Columbia

Herkimer

Madison

Monroe

Use: Biking Type: Shared Roadway Status: Existing Condition: Surface: Paved

Oneida

Ontario

Orleans

Seneca

Wayne

Rensselaer

Schenectady

Onondaga

Length: 365 Miles Avg. Trail Width: Grade: Rideability: Rate for:

Speed Limit On Road Segment: No Shared Highway?: Yes Traffic Level: Traffic Percentage:

#### Regions

1 - CAPITAL DISTRICT 2 - MOHAWK VALLEY 3 - CENTRAL NEW YORK 4 - GENESEE VALLEY

5 - WESTERN NEW YORK

8 - HUDSON VALLEY



#### Restrictions

Seasonal Restrictions: Hours:

#### Accessibility

Accessible: No

#### Contacts

NYSDOT 50 Wolf Road Albany NY

Phone: 518-457-8307

https://www.nysdot.gov/biking





Request copies of detailed Map, Brochures and other Resources from Bicycling in New York State



#### Parking

Parking information is not available at this time.

#### Facilities/Amenities

Facilities information is not available at this time.









#### Ready-to-Use Apps

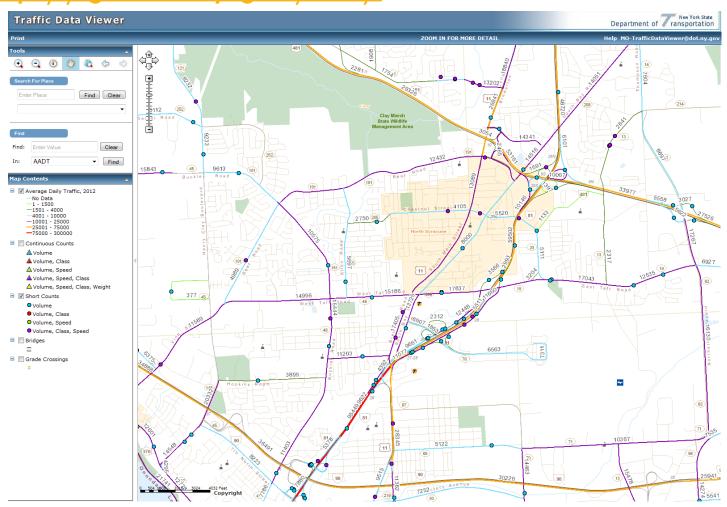
ArcGIS includes a suite of apps to make you productive from day one. Use mapping apps to collect and share information across your organization and with the public. Use business apps that integrate with your existing systems to map and enrich your data. Or quickly configure your own apps with templates and widgets to tell your story-no coding required.

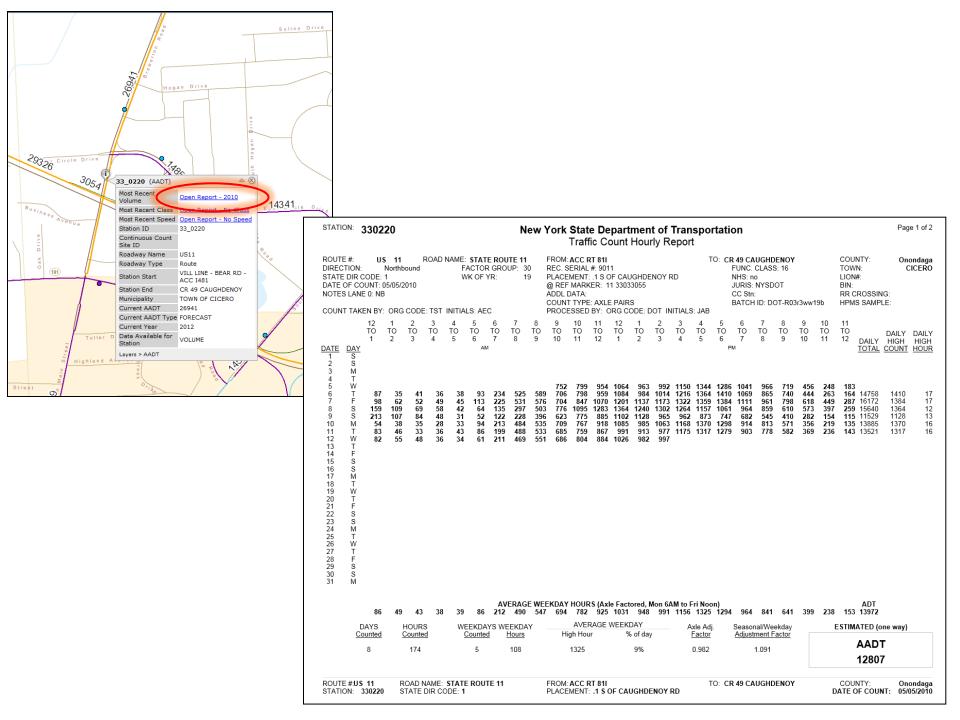
Learn More about Ready-to-Use Apps



### **NYSDOT Traffic Data Viewer**

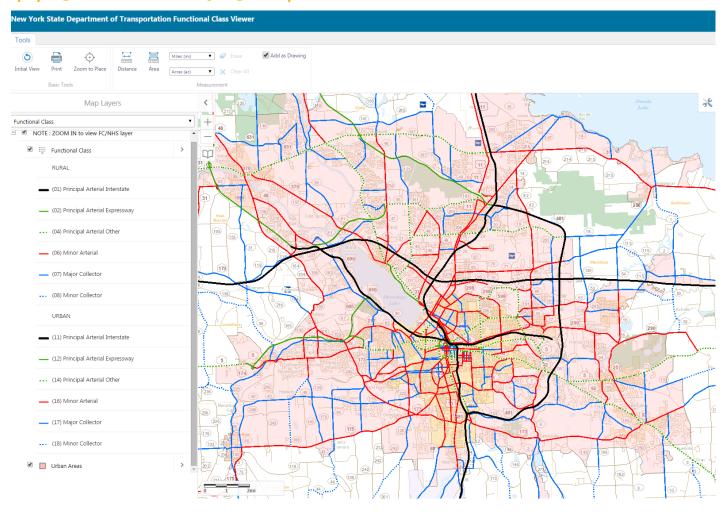
http://gis.dot.ny.gov/tdv/





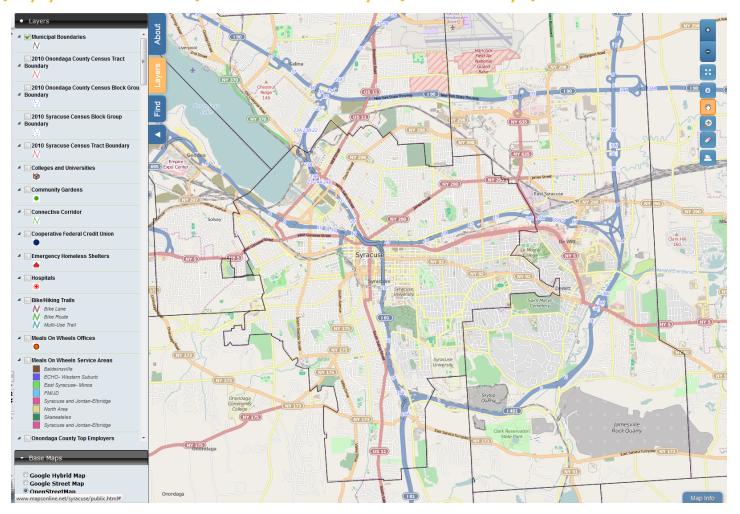
### NYSDOT Functional Classification

### http://gis3.dot.ny.gov/fc



### Syracuse Community Geography

#### http://www.mapsonline.net/syracuse/public.html



### NYS GIS Data

□ <a href="https://gis.ny.gov/">https://gis.ny.gov/</a>



http://cugir.mannlib.cornell.edu/



### Online Mapping Resources

- □ ArcGIS Online <u>www.arcgis.com</u>
- SMTC ArcGIS Online Maps <a href="https://smtc.maps.arcgis.com">https://smtc.maps.arcgis.com</a>
- □ NYSDOT Traffic Data Viewer <a href="http://gis.dot.ny.gov/tdv/">http://gis.dot.ny.gov/tdv/</a>
- NYSDOT Functional Classification Viewer http://gis3.dot.ny.gov/fc
- Syracuse Community Geography <a href="http://www.mapsonline.net/syracuse/public.html">http://www.mapsonline.net/syracuse/public.html</a>
- NYSGIS Clearinghouse –<a href="https://gis.ny.gov/">https://gis.ny.gov/</a>
- CUGIR: Cornell University Geospatial Information Repository –
   <a href="http://cugir.mannlib.cornell.edu/">http://cugir.mannlib.cornell.edu/</a>