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1. Spring 2016 Aerial Photography

Concord's 2016 aerial photography flyover took place between April 20th and 22nd. The resulting 3"-resolution imagery is now available for your viewing pleasure! Here's how you can access this brand-spankin'-new data:

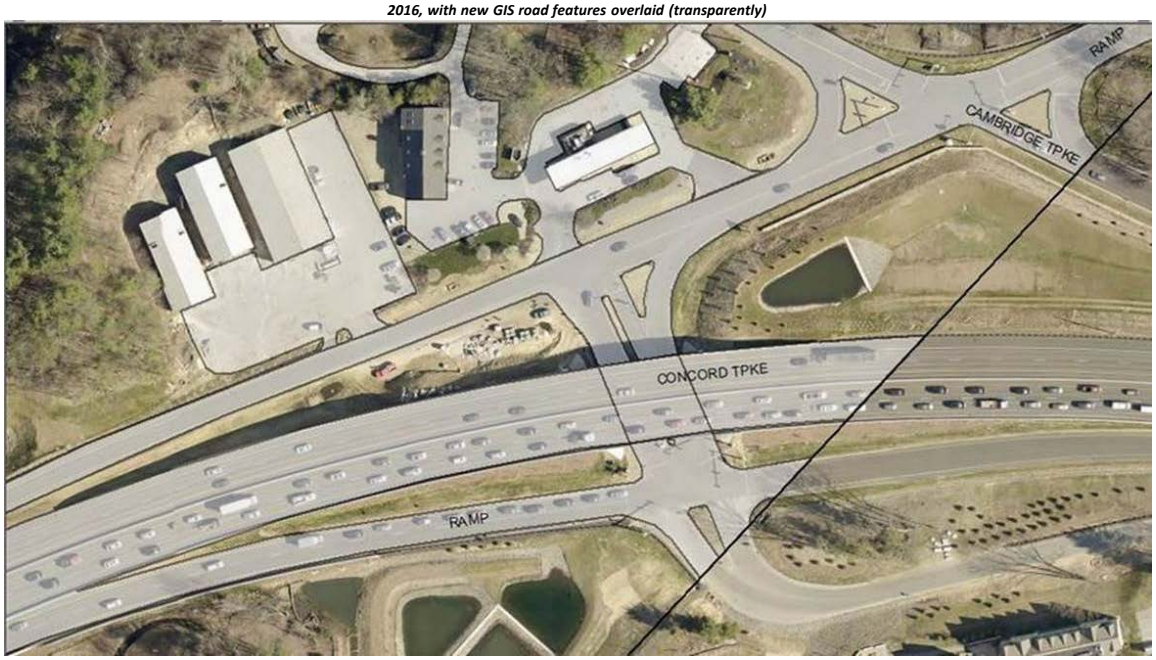
- Open Concord's WebGIS.
- Click on the Pictometry tool (right side of map window) to view both **straight-overhead** and **oblique** (from North, South, East and West.) Use the "compass" tool in the upper left corner to change the view angle.
- You can also compare prior years' imagery to this new data with the **Select Date** button.

2008 ***Granite Post Road Development*** *2016*

The new imagery allowed us to update our street-related layers for the **new Route 2 overpass** at the Lincoln town line.

2007

2016, with new GIS road features overlaid (transparently)



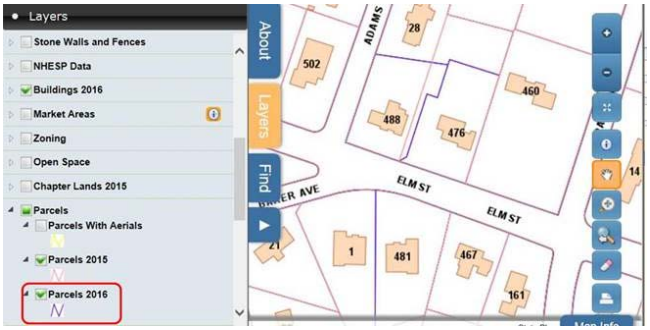
We also send corrections to Google Maps – and they do indeed update their data.

2. FY16 Parcel Update Process

IT GIS and the Assessors have engaged KAPPA Mapping to process our Parcel updates – in a new, continuous process that will capture Parcel polygon updates throughout the year.

In the past such updates were saved up for processing until after the end of every Tax Year, as part of the annual property valuation process, and were not available even for internal Staff use until they were published as Tax Maps, in late summer or fall.

KAPPA completed our parcel changes for the current fiscal year by the end of that year! The new polygons are now available on the Concord WebGIS.



3. In Sync with MassGIS

Massachusetts' Office of Geographic Information, known as **MassGIS**, developed and maintains "a comprehensive, statewide database of spatial information for mapping and analysis supporting emergency response, environmental planning and management, transportation planning, economic development, and transparency in state government operations."

While we do use a variety of MassGIS datalayers at a town-wide level, we also support MassGIS by providing updates to other layers which depend on local knowledge. Some examples:

- Parcels: As noted above in Article 3, Concord makes its Parcel changes available to the public after each Fiscal (Tax) Year has ended. As we did in 2015 – for the first time in years! – we will continue annual submission of our updated Parcel layer to MassGIS for Level 3 Certification.

- Master Address: New address numbers and number changes published by the Building Department go right into our Master Address Table for immediate use by Concord Staff. And once a quarter, we send the updated MAT to MassGIS for their statewide address table.

- Open Space: When the Town or a private Conservation Trust acquires a new parcel or Conservation Restriction, the Assessor's office or the Natural Resources Department knows about it when it happens, and they inform us in IT GIS. We provide semiannual Open Space updates to the GIS Analyst at the Office of Energy and Environmental Affairs.

In this way, Concord and many other municipalities work together with MassGIS to present statewide data that is as current and accurate as possible.