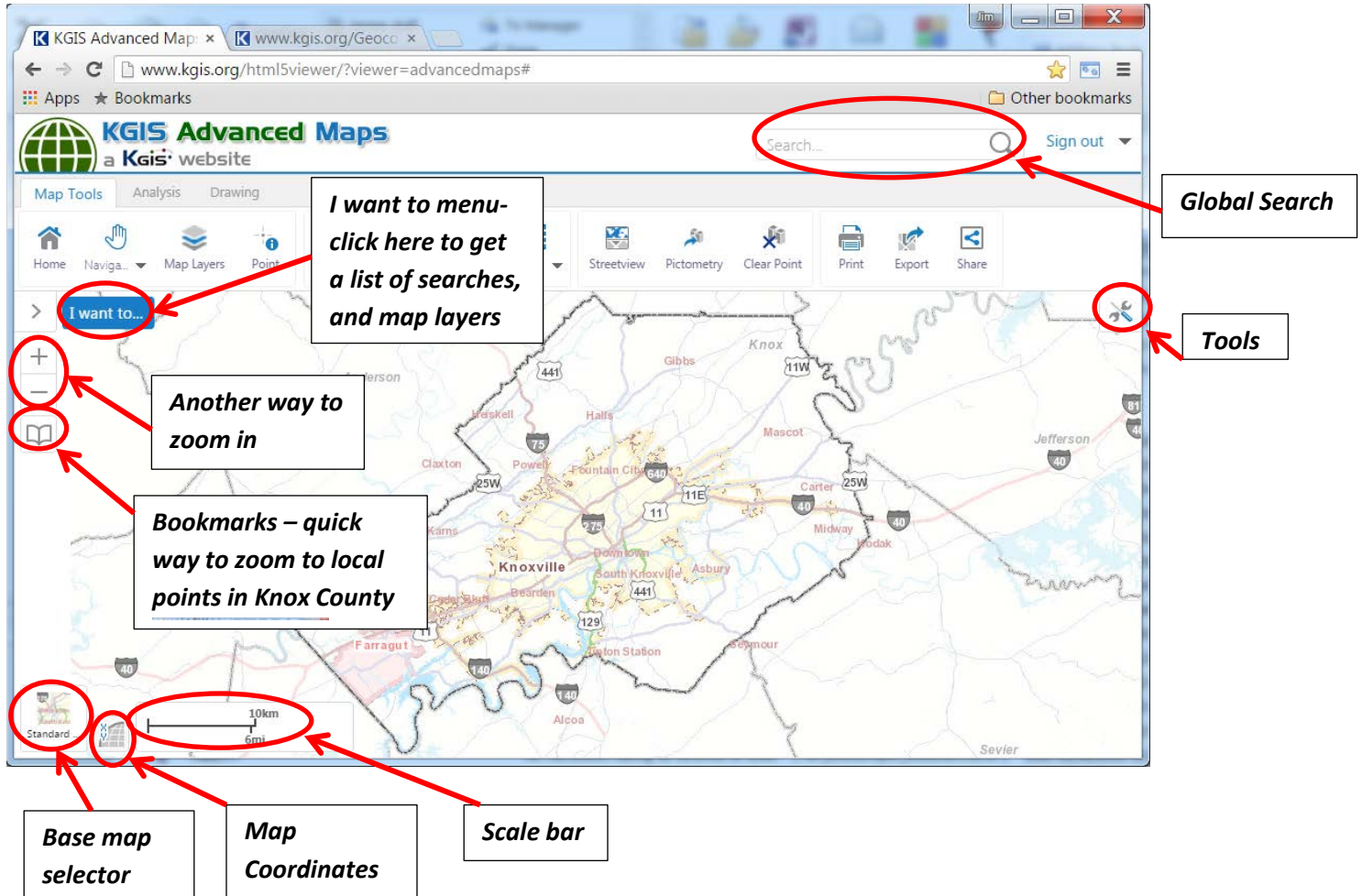


# KGIS Advanced Maps Viewer

Welcome to the KGIS Advanced Maps Application. This Application can be used on a desktop computer, tablet, or smart phone to view Knox County base map, 2014 Aerial Photo, City Wards, FEMA Flood Maps, Neighborhoods, Topography, Zoning, and etc.. The user can look up addresses, parcel ids, parcel owners, intersections, and subdivisions.

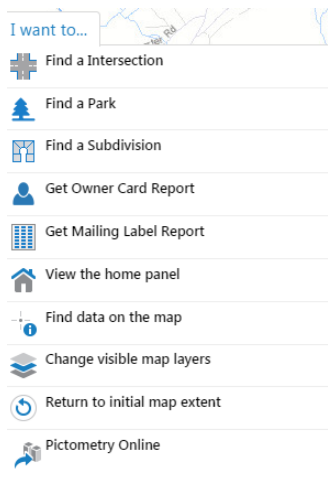


## Global Search

**What can you search for?** Use the examples (below) in the Global Search textbox area.

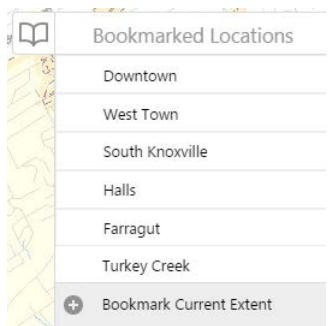
Feature	Fields	Example
Parcel polygons	Parcel ID, Owner, Full Address	147FC019, Smith John, 400 W Hill Ave
Address points	Parcel ID, Site Name, Full Address	147FC019, The Bradford, 400 W Hill Ave
City Ward Blocks	Ward Block label	10302
Intersections	Primary Street, Cross Street	Foley
Neighborhoods	Neighborhood Name	Mascot
Parks	Abbreviated Name, Long Name	Ball Camp Park
Points of Interest	Facility Name, Full Facility Name	Collier Cemetery, Fort Sanders West Hospital
Subdivisions	Display Name, Alt Subdivision Name, Subdivision Type	Sunny Ridge
Zip Codes	Zipcode	37924

## I want to:



Select from the search tools, change the visible layers, and change the display back to the County scale level

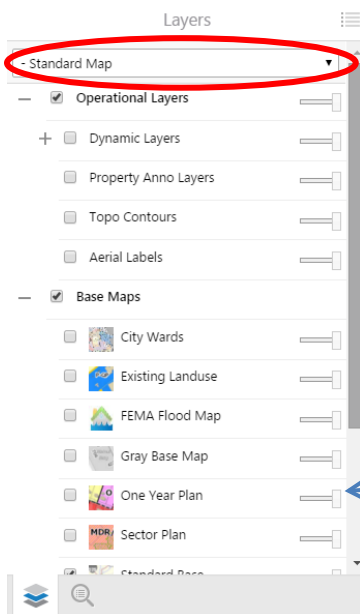
## Bookmarks:



Click on the bookmarks to zoom to the location

You can also create your own bookmark; will last until you clean out your browser cache.

## Map Layers:



Change Map Themes by clicking on the drop down and select a map theme from the list of more then 30.

Change the map layers by checking on a layer and turning off another. Or you can turn multiple layers on at the same time and then change the opacity slider

## Base Map Layers:

Another way to change layers is by clicking on the Base Map Selector at the bottom left of the map window, and then selecting a base map.



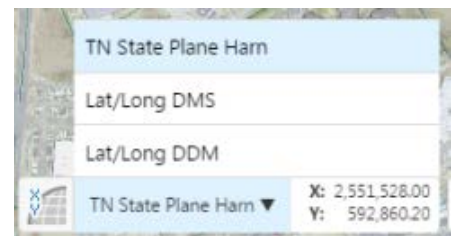
## Aerials Time slider



When you click on the Aerials icon on the Base Map Layers a time slider will display, move the slider back and forth to see the different years of Aerial photography.

## Map Coordinates:

When you click on the Map Coordinate icon to the right of the Base Map Selector the map coordinate icon expands. When you click on the map then you will see the coordinates, by default TN State Plane is the coordinate system. To see Geographic Latitude/Longitude click on the black drop down arrow at the end of TN State Plane Harn.

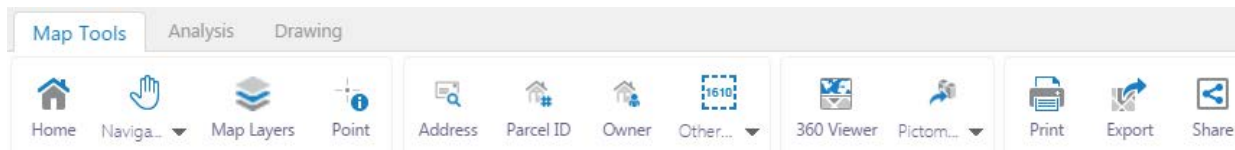


## Scale bar:

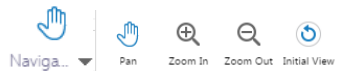


Most of the map services are cached and when zooming in out they draw at each cached scale level, example – when zoomed all the way in the scale would be 50ft or 1:600, then 100ft or 1:1200. All scales levels 600, 1200, 2400, 4800, 6000, 9600, 12000, 24000, 48000, 63360, 95040, 190080, 380160.

## Tools: Map Tools tab



- Home Panel: Information about the KGIS Mobile Maps Viewer and help link.



- Pan: Click on the black arrow to see the options; to zoom in, zoom out, etc..



- Toggle layers: Displays a menu with layers to toggle on or off.



- Identify: Click on the map to identify layer on the map.



- Address: Search for Address, type in the address.



- Click on the Parcel search tool, then type in the parcel you want to search for. (Ex. 147FC019)



- Click on the Owner search tool, then type in a parcel owner name. (Ex. Smith John)

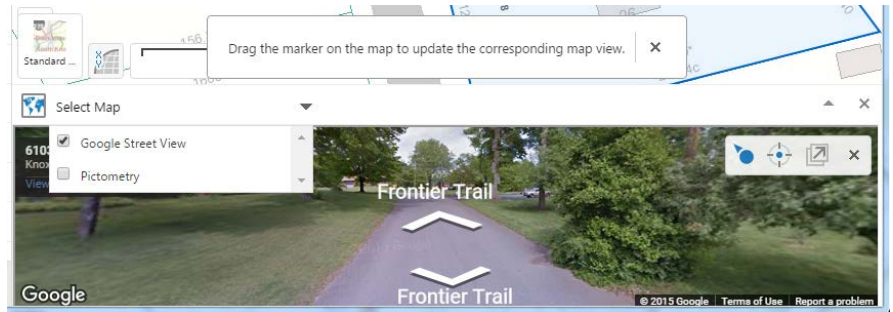


Other searches



360 Viewer - Image viewer: Click here for the Streetview and Pictometry viewers.

An oblique view, which shows images from a 45 degree angle, is also available. Simply click the 360 Image Viewer icon on the toolbar, by default Google Streetview displays at the bottom of the map window, change to Pictometry by clicking the drop down arrow and check on Pictometry.



- Print



- Click to export an image of the map

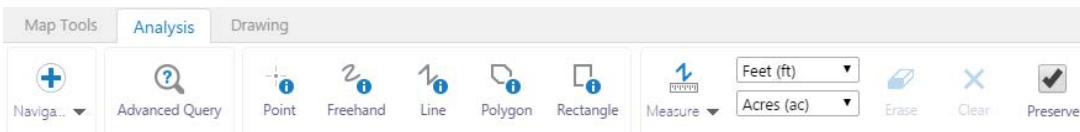


Share

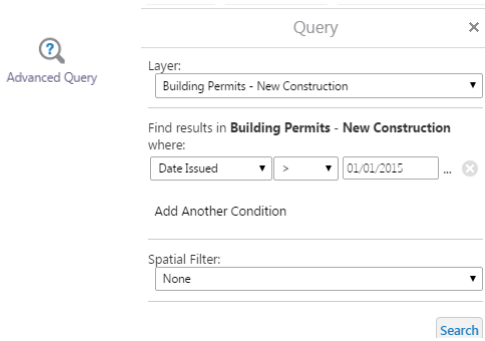


- Share: Click on the Share icon and then select the method of sharing from the menu.

## Tools: Analysis tab



- Pan: Click on the black arrow to see the options; to zoom in, zoom out, etc..

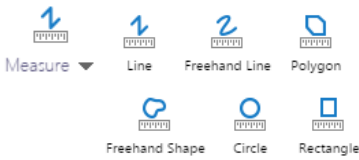


- After selecting the Advanced Query tool select a layer from the available list, and then select field and condition on which to search. For this viewer you can select from: Addresses, Building Permits, Census Data, Greenways Parcels, Parks, and Points of Interest.

- What greenways have bike access?
- Which parks in Knox County are larger than 500 acres?
- Where are the building permits over \$1000000?
- Show all building permits in 2015.
- Show all building permits by specific contractor.
- What building demolished in 2015.
- Get a list of all the parcels that have sold in 2015.



- Choose the identify tool and then click on the map, or if you click on the polygon or Rectangle draw your polygon on the map and information for the layers in that area will be returned in the results window

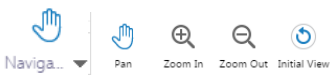


- Choose your measure tool to measure distance or area.



- Change the units of measurement, erase or clear your graphic measurement or check preserve if you want your measurement info to display on the print/export image.

## Tools: Drawing tab



- Pan: Click on the black arrow to see the options; to zoom in, zoom out, etc..

Click on a drawing tool and then click on the map to draw/highlight locations on the map. Click the Clear tool to clear your results.