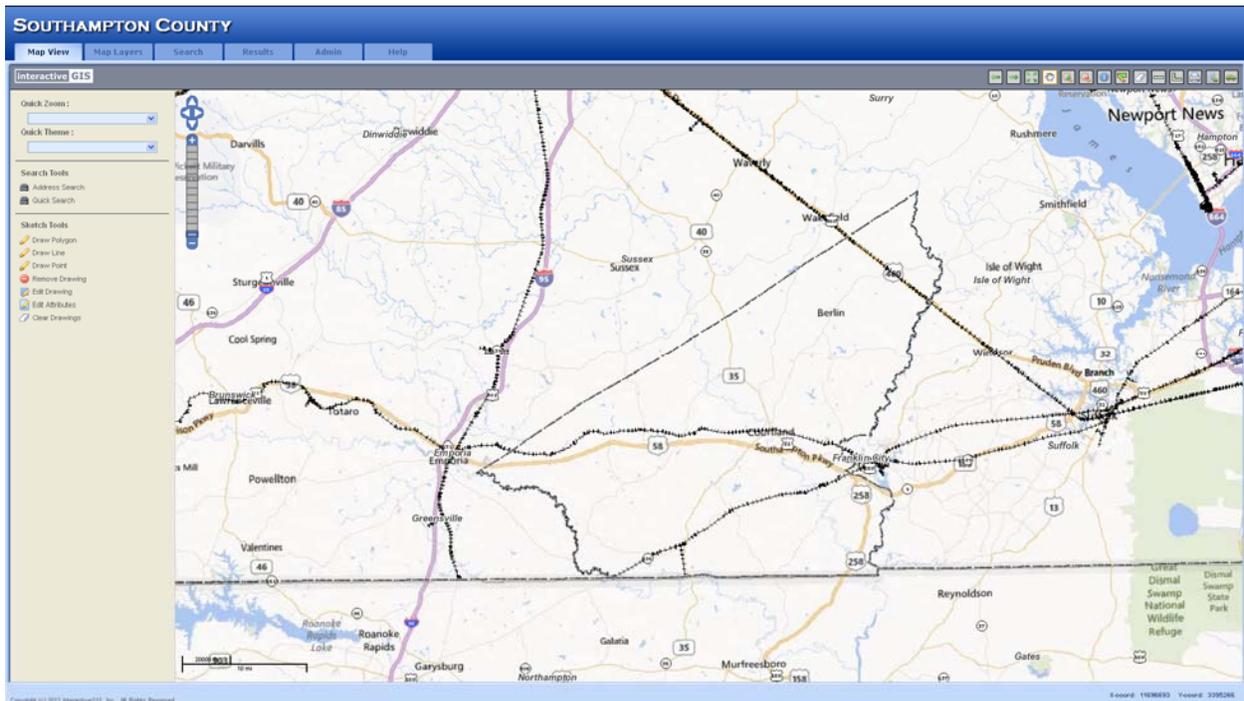


IGIS WEB-BASED GIS QUICK START

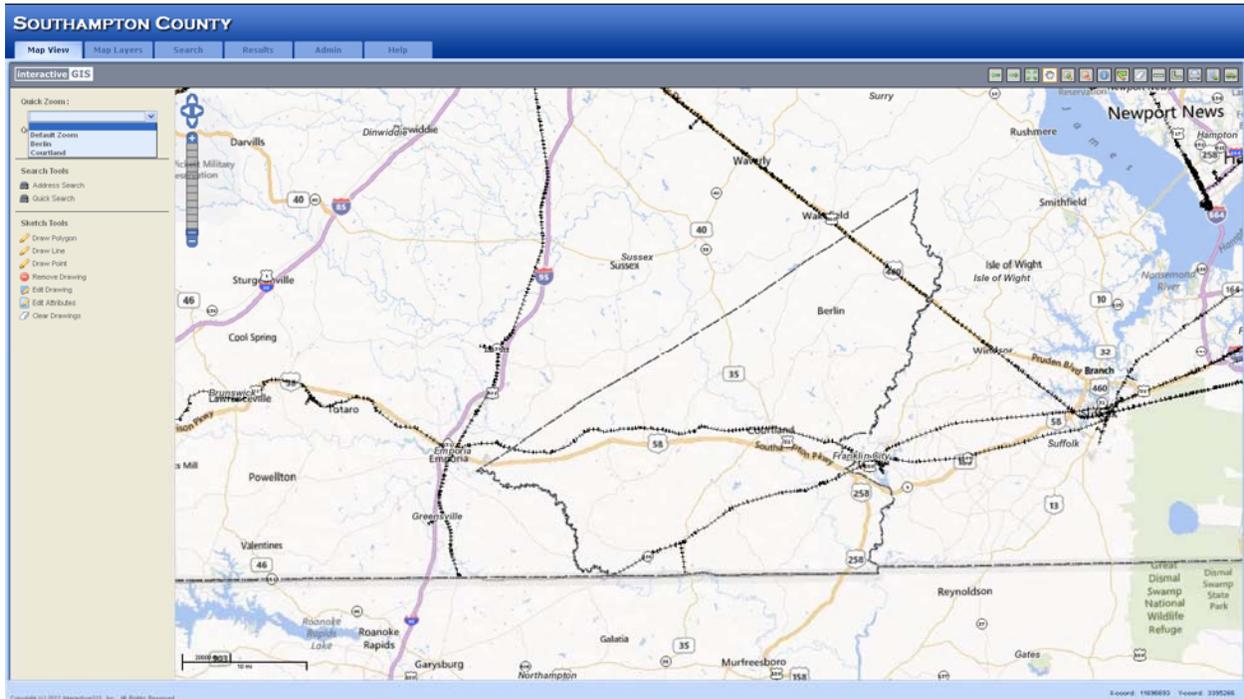
This document will highlight some of the special functionality that has been built into the iGIS web-based GIS interface.

Initial View:



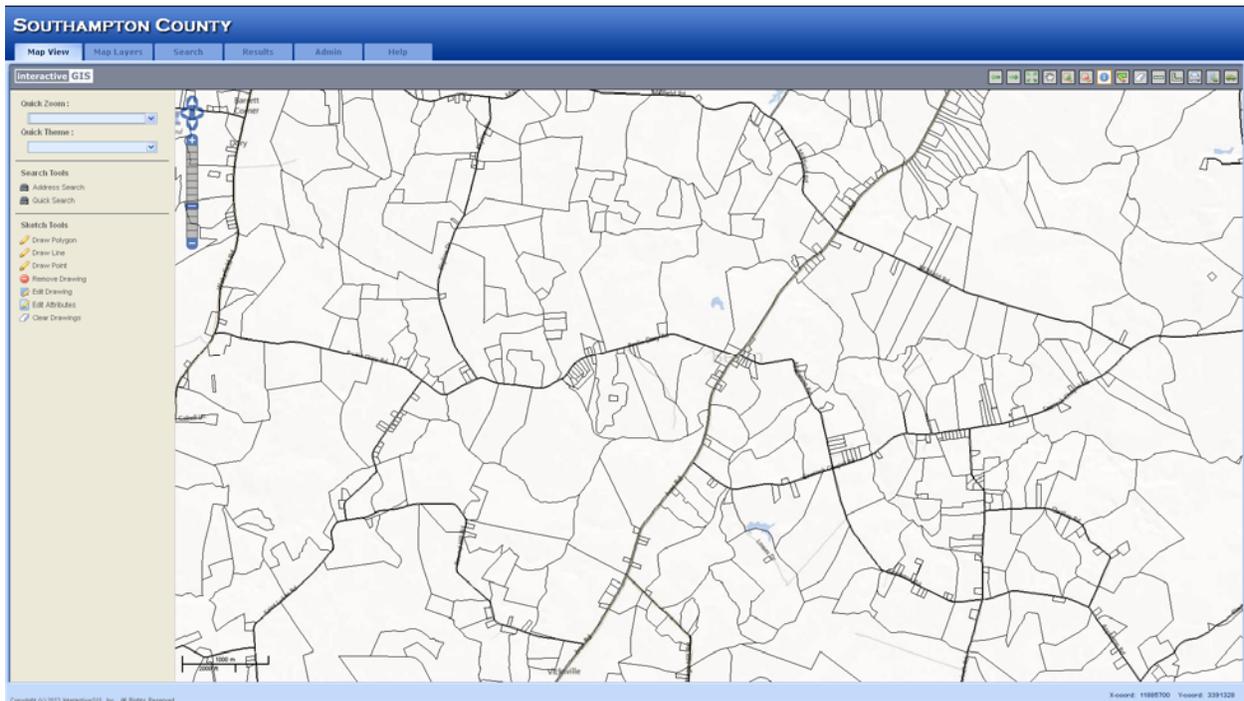
The layout of the site is designed to provide an interface that is easy to use and navigate. Tabs extend across the upper left of the screen, organizing information and tasks. Tools extend across the upper right, providing ready access to the most commonly used tools. Results of queries and information for each tab are located at the far left. The main image is the map window, consisting of the map (drawn depending upon which layers are enabled from user input), scale bar at lower left, and coordinates in the lower right.

Quick Zoom Dropdown:



Located under the Map View tab, the Quick Zoom allows the user to quickly zoom to predefined activity areas, such as towns or cities.

Berlin:



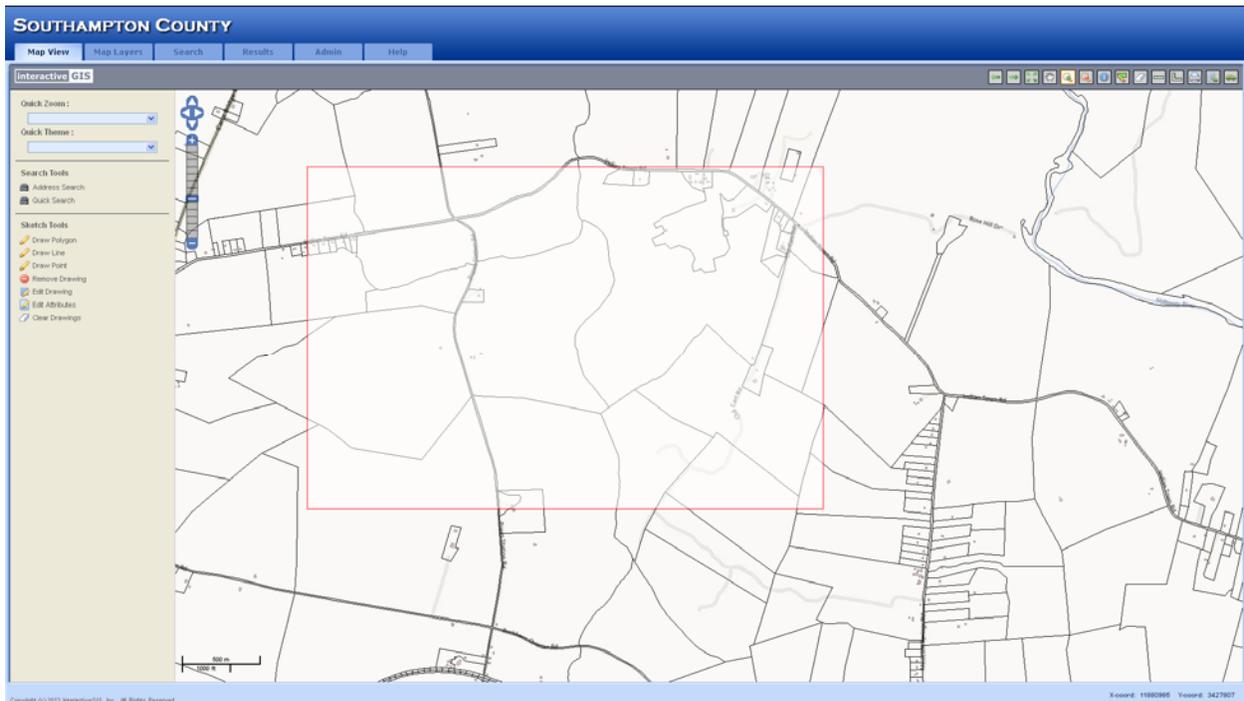
For instance, selecting Berlin from the drop down zooms to the predefined area, and allows more detailed information to be displayed – parcel boundaries are now visible at this zoom extent.

Toolbar

The Toolbar is located in the top right of the interface. From left to right, the items in the toolbar are:

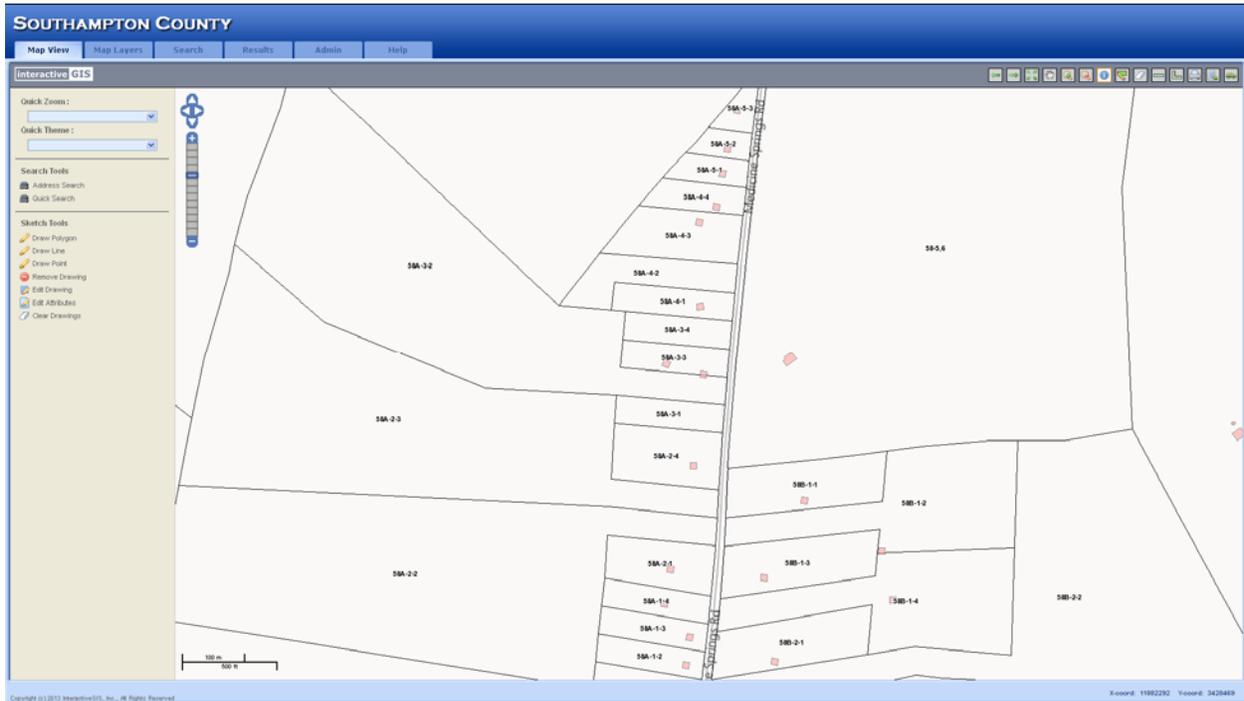
- I.  **Zoom Previous Extent** - This tool is used to return to the previous zoom extent and location.
- II.  **Zoom Next Extent** - This tool is used to go forward one zoom extent and location. This is only available if the user has returned to a previous extent using the zoom previous function.
- III.  **Zoom To Full Extent** - This tool is used to zoom to the full extent of the data, returning to the default zoom extent and location; displays the full geographic extent of all visible layers.
- IV.  **Pan** - This tool is used to pan the map. Click on the map and drag the cursor with the left mouse button down. This will move the view extent in the corresponding direction.
- V.  **Zoom In** - This tool is used to zoom in by either clicking on the map or by drawing a box around the region of interest.
- VI.  **Zoom Out** - This tool is used to zoom out by clicking on a point on the map near the region of interest.
- VII.  **Identify** - This tool is used to retrieve attribute information from the map. Click on the map and results will be displayed in the Results tab.
- VIII.  **Buffered Select** - This tool is used to select features on the map within a specified distance. The search tab becomes active and allows for a buffered selection from a user-supplied point, line, free-form polygon or box. The system selects features based upon the user's choices for location, distance, source and target layers.
- IX.  **Clear Selection** - This tool is used to clear all highlighted selections on the map.
- X.  **Measure** - This tool is used to measure distances on the map. Results are displayed in the Results tab at the left; units are user-selectable.
- XI.  **Measure Area** - This tool is used to measure areas on the map. Results are displayed in the Results tab at the left; units are user-selectable.
- XII.  **Print** - Creates a PDF document for printing or local save. Please see the Print help page for more information.
- XIII.  **Bird's Eye View** - Opens a new window showing Bing's Bird's Eye View where available. Zoom to an area of interest, select this tool and click on the map. The new window is centered on the user mouse-click.
- XIV.  **Street View** - Opens a new window showing Google's Street View where available. Zoom to an area of interest, select this tool and click on the map. The new window is centered on the user mouse-click.

Zoom In tool:



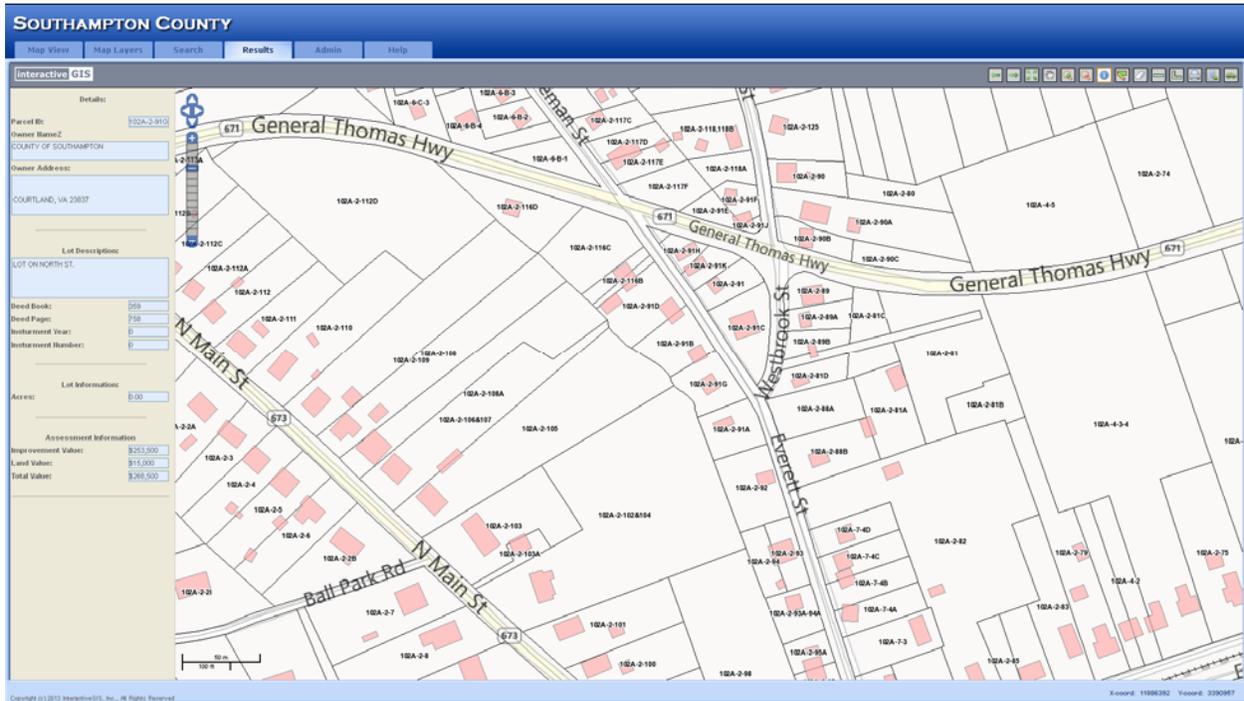
In order to navigate once zoomed to the area of interest, it may be necessary to use some of the tools located in the toolbar to more precisely navigate the map. The Zoom In tool allows the user to single click or draw a rectangle in order to zoom in. The single click zooms in one level, and drawing a box defines the next area to zoom to.

Identify Parcel:



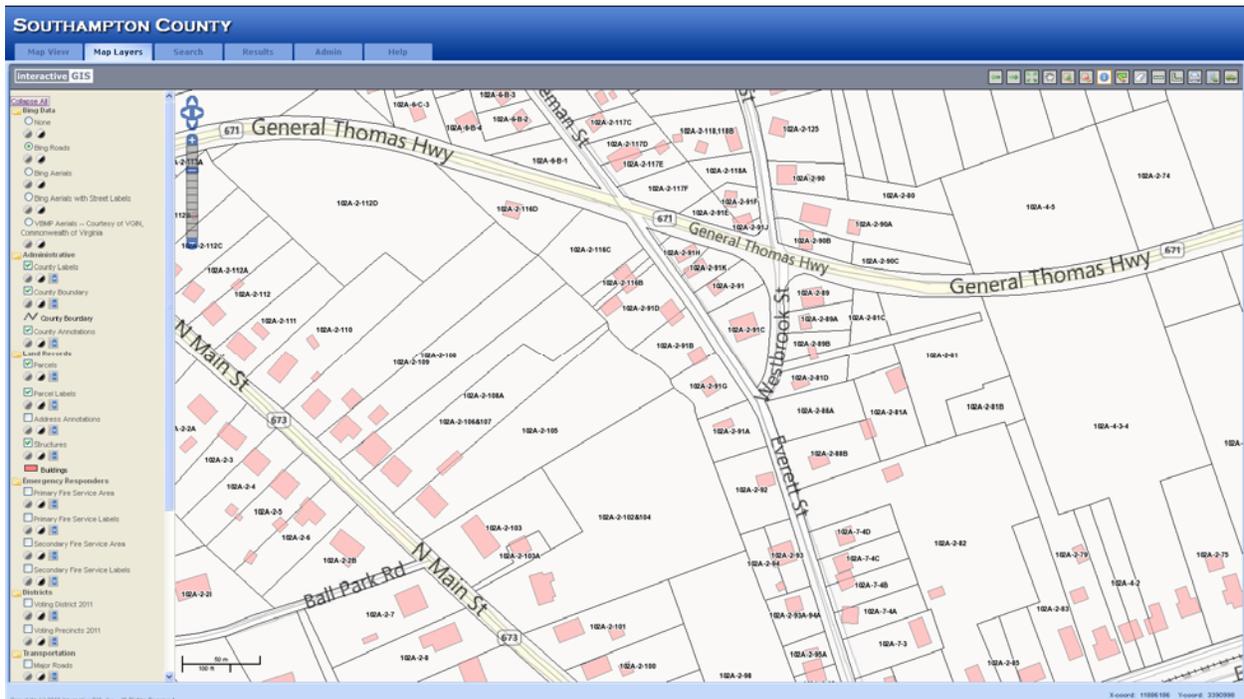
To see information about a particular feature found on the map the user may use the Identify tool --  found on the tool bar. After selecting the identify tool from the toolbar, the user can then click on an identifiable object on the map. Upon clicking on a tax parcel, results similar to the following are displayed:

Identify Results:



The tab automatically switches to the Results Tab, and pertinent information about the item queried is displayed.

Map Layers:



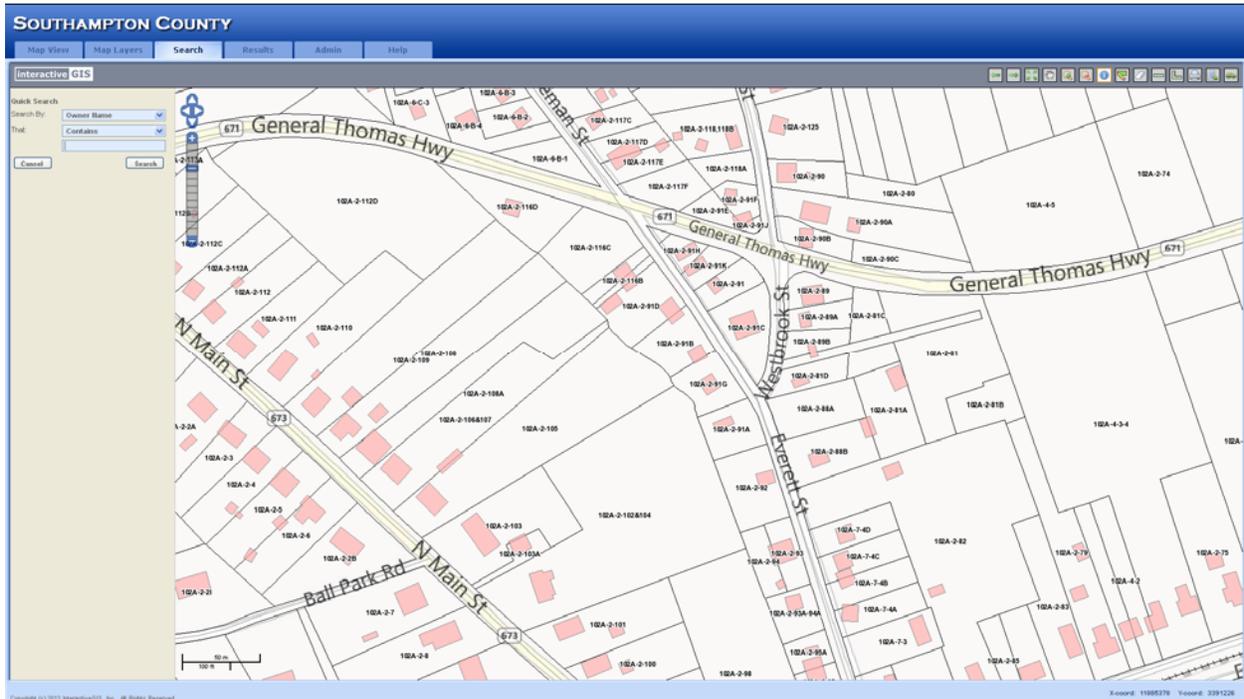
In order to change the visibility of layers, the user should use the Map Layers Tab, and locate the desired feature layer within the Layer List (using the scroll bar to the right of the window or arrow keys to move up or down through the list if needed). Similar features are grouped together into categories (*e.g.* Administrative, Transportation, *etc.*) which are accessed by clicking upon the folder icon next to the category name. Clicking upon the icon will minimize / maximize the list. Pressing the Expand All link at the top of the list will expand all layers within their categories, and Collapse All will fully collapse the list.

Each feature layer includes a checkbox to the left of the feature layer name. Clicking the checkbox will toggle the visibility of that layer.

Each layer includes a fade / unfade function, located below the layer name; clicking the fade button for an active layer will cause the layer to fade out (it can become completely transparent with sufficient user clicks), while unfade will restore the layer to full opacity. Both fade and unfade allow for multiple levels of transparency between fully opaque and fully transparent. Clicking the layer name will toggle the visibility of this information.

The show legend function for each layer is located below the layer name to the right of the fade / unfade functions. When a layer is active (turned on), pressing this button will show the legend for the layer; when a layer is inactive (turned off), the legend will not be visible. If a layer's visibility is governed by a zoom threshold, then this restriction will be echoed in the legend (if certain features cannot be drawn at the current zoom extent, they will not be displayed in the legend).

Quick Search:



The user may use the drop-down menus or the Map View tab to select search controls, then enter the criteria in the search box, and press Search. The results are displayed on the Results Tab; the map zooms to the appropriate locale and highlights related information.