The Internet GIS provides access to commonly used information throughout each department and the public. Use it to perform searches using address, parcel ID number, owner names or intersections, retrieve property dimension/right-of-way, locate schools and school district boundaries, check flood hazard areas, find recreational opportunities including parks and bicycle trails, view current and historical aerial photography, and more!

**Types of Data Available**

- Tax Parcels / Property Information
- Address & Property Boundaries
- School District Boundaries
- Apartment/Condominiums
- Rivers/Streams
- Platted Subdivisions/Subdivision Assoc.
- FEMA Flood Hazard Areas
- Current & Historical Aerial Photography
- Parks/Bike Paths
- Wetland & Woodland Area
- Zoning/Land Use Information
- Voting Precincts & Polling Locations
Basic Navigation Tools:

- **Zoom**: Zoom in and out by clicking on the plus or minus or zoom in by double clicking on the map or zoom in by holding shift and dragging a box around the area or by using the wheel on your mouse
- **Zoom to Full Extent**: Repositions entire City to the center of the screen
- **Pan**: Pan around the map by clicking on the arrows or hold the left mouse button down and drag the map
- **Map Scale**: Map scale shows the scale of the City that you are zoomed in at

The **Overview** map shows your location in relationship to where you are in the City on the main map.

Southfield Employees can **Log In** with a username and password to gain access to additional features and information.

What type of **Property Search** can I perform?

- **Address**: Retrieve general property information & locate on the map or retrieve detailed parcel information from BS&A
- **Sidwell Number**: Retrieve property information & locate on the map by sidwell number or retrieve detailed parcel information from BS&A
- **Owner Name**: Retrieve property information & locate on the map by property owner name
- **Intersection**: Retrieve an intersection location on the map
- **Spatial Search**: Search spatially using a line or polygon
Query by Address: Type in an address # and the related streets will populate; click on the desired street name.

NOTE: Clicking on [Hyperlink] will retrieve detailed parcel information from BS&A.

The map will select and zoom to the related parcel.
**Query by Spatial Selection:** Select by Point, Line, Polygon, or Rectangle.

- **Select by point:**
- **Select by line:**
- **Select by rectangle:**
- **Select by polygon:**
  
  The selected parcels will highlight.

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**Tool Bar**

- **Pan/Zoom (Default)**
  - Resets active tool to Pan/Zoom - Shortcut Key “D”
- **Rotate Map**
  - Left click on the map to rotate
- **Full Screen**
  - Maximizes the window to full screen. Use Escape to exit or click on Full Screen again
- **Print**
  - Creates a printable PDF of your active layers
- **Map Layers**
  - Shows all available layers
- **Identify**
  - Click on the map for attribute information; choose layer to identify
- **Measure Distance**
  - Measure a distance
- **Measure Area**
  - Measure an area
- **TriView**
  - Opens Google map, Google Street View and Bing Bird’s eye view all in one window
- **Close Windows**
  - Closes all open windows – Shortcut Key “C”
- **Help**
  - Will open User Guide
• Add and Remove available layers by checking the box.
• Adjust the transparencies of the layer by moving the slide bar.
• Click on the arrow to expand the layer to make the legend visible.
• Reset default maps layers by clicking “Reset Map Layers” or Shortcut Key “R”

You can identify multiple features simultaneously by holding shift while drawing a polygon.

The information will open in an identify window. It will show what layer you identified and which feature(s) were selected.

Using the identify tool will show attribute information within the Results window.

You must choose the Layer that you want to Retrieve information from.
How do I print?
Click Print under the Tools menu.

Create a title for your print and choose your template size.

Click Print, a PDF will be created that you can then print.

How do I measure?
You have two options; Measure Distance and Measure Area.

To measure distance: Click on the measure distance tool. Click on the first point to begin measuring. You can continue to measure, with each segment being measured along with a cumulative total. Double click on the last point to end distance. To clear your selected measurement, double click again.
To measure area: click on the measure area tool, click on the first point to begin measuring, continue clicking at each point of area to be measured, double click on the last point to end distance. Each segment will be measured will a total square foot given for your area. To clear your selected measurement, double click.

What is TriView and how do I use it?

TriView allows you to use Google Maps, Google Street View and Bing Bird’s Eye view all in one map. Click on the area where you want to use TriView and it will open in a new window.