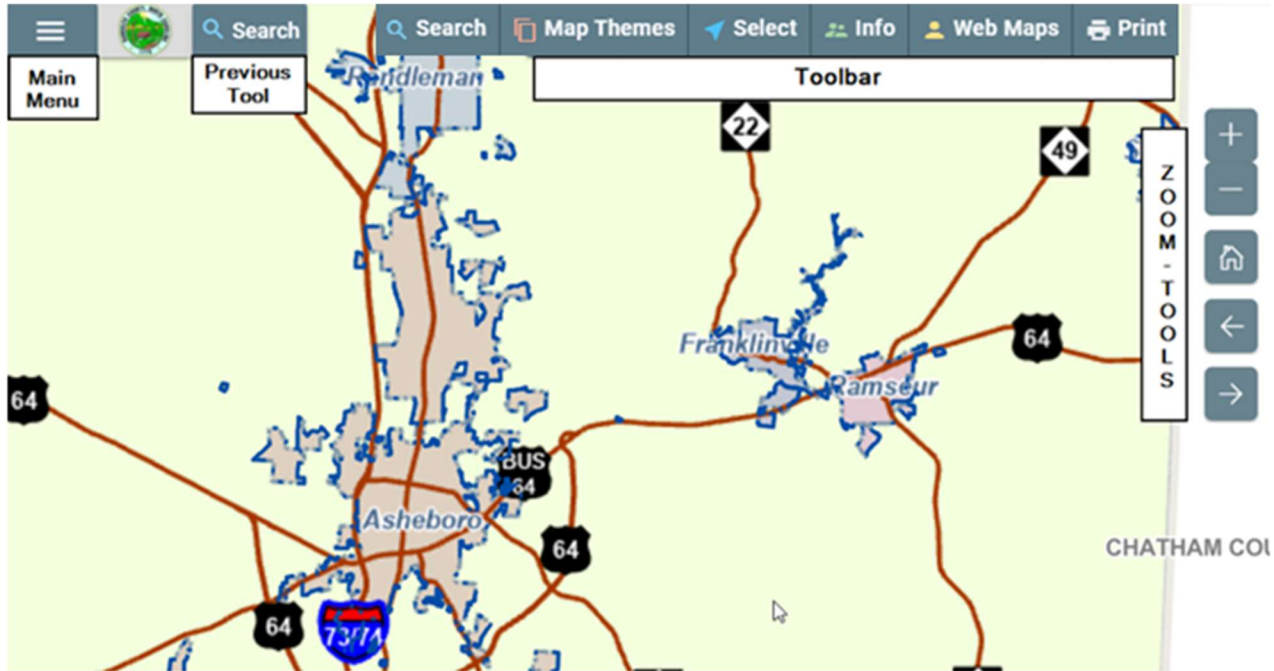**** System recommendations for this website.**
- o Up to date versions of Google Chrome, Mozilla Firefox, or Microsoft Edge.
- o Allow pop-ups
- o Enable JavaScript to view ownership and assessment information.
- o Enable hardware acceleration in your browser settings.

Application Layout

Map Navigation

PAN

	On touchscreens, touch and drag to pan the map. **On desktops,** hold down left mouse button and drag to pan the map.

ZOOM-IN

	On touchscreens, touch and pinch apart to zoom-in on map. **On desktops**, point to location to zoom to with mouse and roll mouse roller away from you. Alternately, use the zoom-in button in the zoom tools.

ZOOM-OUT

	On touchscreens, touch and pinch together to zoom-out on map. **On desktops**, point to location to zoom to with mouse and roll mouse roller away from you. Alternately, use the zoom-out button In the zoom tools.

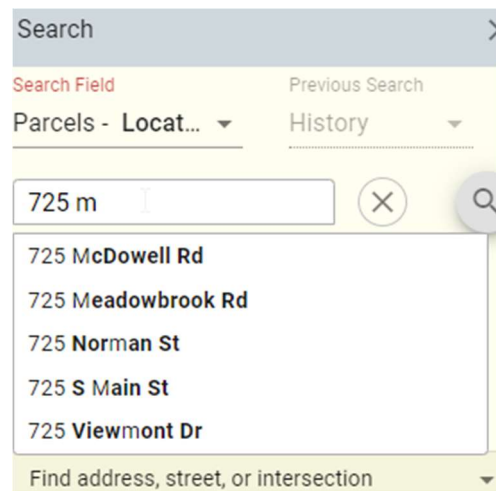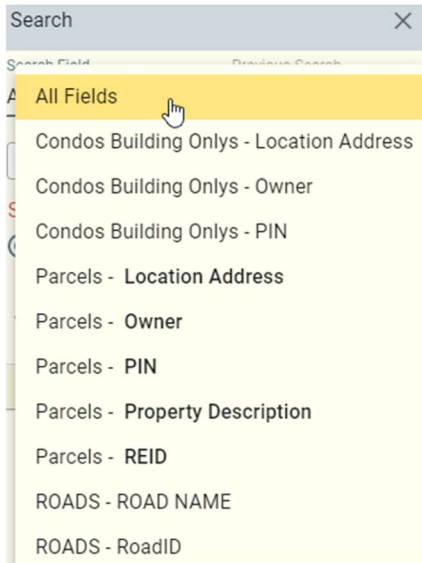## LOCATE ME – Mobile Devices only

	Use the **Locate Me** button on the navigation tools to provide your location using GPS, WiFi, and cellular towers. This option is only available if you are physically located within spatial extents of the map.

FULL EXTENT

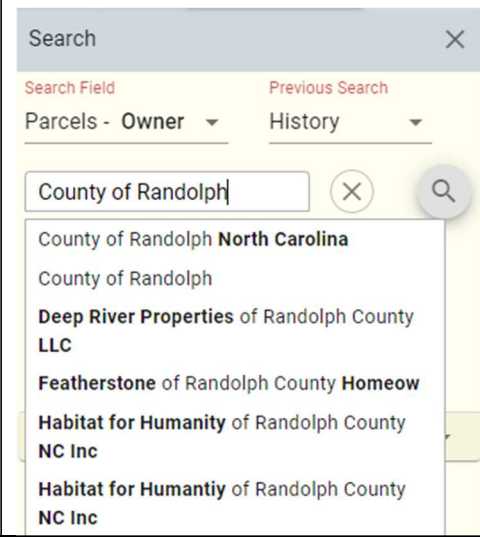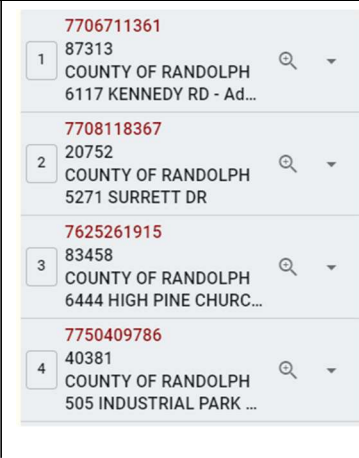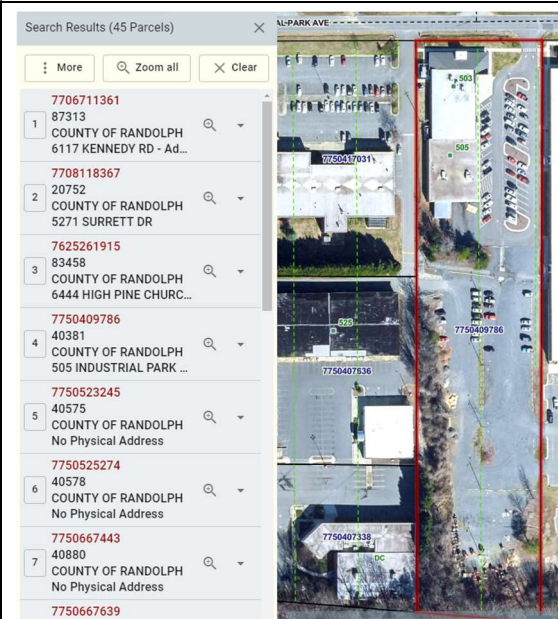|	Use the Full Extent button to return to the full extent of the map.

SEARCH

Click **Search** to start search.

1. The **Search** button can be found on the Toolbar or in the Main Menu ☰ located in the upper left corner of application.
2. **For best results** select Field to search on in the **All Fields** dropdown such as **Parcels - Owner, Parcels –Location, or Roads - ROAD NAME** before entering search string.
3. **Key your string to search.** If the string is less than or equal to 3 characters it will search for anything that starts with that string and populate the first 10 items in the auto results below. As you key more characters the auto results narrow down more to what you may be looking for.
4. When your search successfully appears in the auto results, **click on it.** Don't hit return in the search string. This may bring you many items you do not want.

Examples:

Search by Owner:

	Type the owner name into the search box. The auto fill will start to make suggestions. **Click** on the owner name of interest.
	The **map** will refresh with selected features highlighted and descriptive information displayed. If more than one tax parcel is found, multiple results will be shown.
	Click the **Zoom to** button to zoom to the tax parcel of interest and click the plus icon to view the descriptive information. Click record number to zoom to and select a specific parcel.

Search by Address:

Type the address into the search box. The auto fill will start to make suggestions. **Click** on the address of interest.

The map will refresh with selected features highlighted and descriptive information displayed. If multiple addresses are selected. You can click the down arrow ⌄ to expand parcel information and click 🔍 button to zoom to the parcel containing the address.

If there are Additional Addresses on the parcel you can click **All Addresses** a popup will appear with a list of all the addresses on the parcel. Click **Close** to close the Popup.
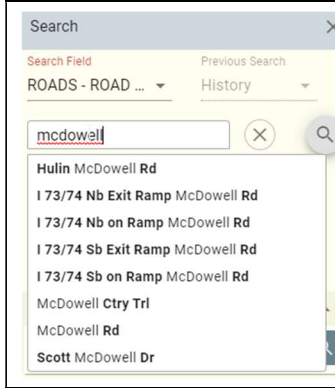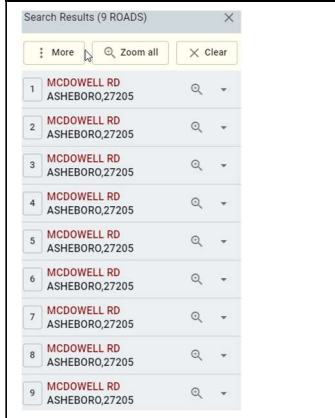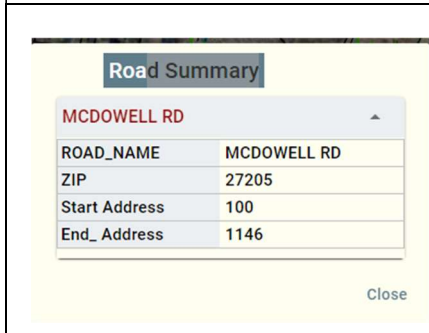
** If addresses cannot be found here it is not an official County address. **Find address, street or intersection** can help you find the location of possible addresses in Randolph County.

Randolph County GIS User's Guide

Search by Road Name:

|	
All Fields Condos Building Onlys - Location Address Condos Building Onlys - Owner Condos Building Onlys - PIN Parcels - Location Address Parcels - Owner Parcels - PIN Parcels - Property Description Parcels - REID ROADS - ROAD NAME ROADS - RoadID	Under **All Fields** select **ROADS – ROAD NAME** to search by Road Name.
Search Search Field / Previous Search ROADS - ROAD ... / History mcdowell Hulin **McDowell Rd** I 73/74 Nb Exit Ramp **McDowell Rd** I 73/74 Nb on Ramp **McDowell Rd** I 73/74 Sb Exit Ramp **McDowell Rd** I 73/74 Sb on Ramp **McDowell Rd** McDowell **Ctry Trl** McDowell **Rd** Scott **McDowell Dr**	Type the road name into the search box. The auto fill will start to make suggestions. **Click** on the road name of interest.
Search Results (9 ROADS) More Zoom all Clear 1 MCDOWELL RD ASHEBORO,27205 2 MCDOWELL RD ASHEBORO,27205 3 MCDOWELL RD ASHEBORO,27205 4 MCDOWELL RD ASHEBORO,27205 5 MCDOWELL RD ASHEBORO,27205 6 MCDOWELL RD ASHEBORO,27205 7 MCDOWELL RD ASHEBORO,27205 8 MCDOWELL RD ASHEBORO,27205 9 MCDOWELL RD ASHEBORO,27205	All segments of the road will appear in the search results. The map will refresh with selected features highlighted and descriptive information displayed. If the road appears in multiple zip codes you can zoom to a segment of that road to zoom closer to the desired road.
Road Summary MCDOWELL RD ROAD_NAME MCDOWELL RD ZIP 27205 Start Address 100 End_ Address 1146 Close	You can click the down arrow ▾ to expand the Road information to show more descriptive information for the selected road segments. Click the **Zoom to** button 🔍 to zoom to the street segment of interest. The **Road Summary** link can be clicked to see the valid address range for the road within Randolph County.

** Roads and Road intersections can also be found through **Find address, street or intersection.** Road intersection can be found by entering both road names separated by &. Example: Mack & McDowell. Road type is not required.
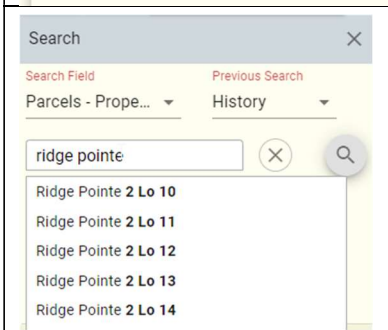
Randolph County GIS User's Guide

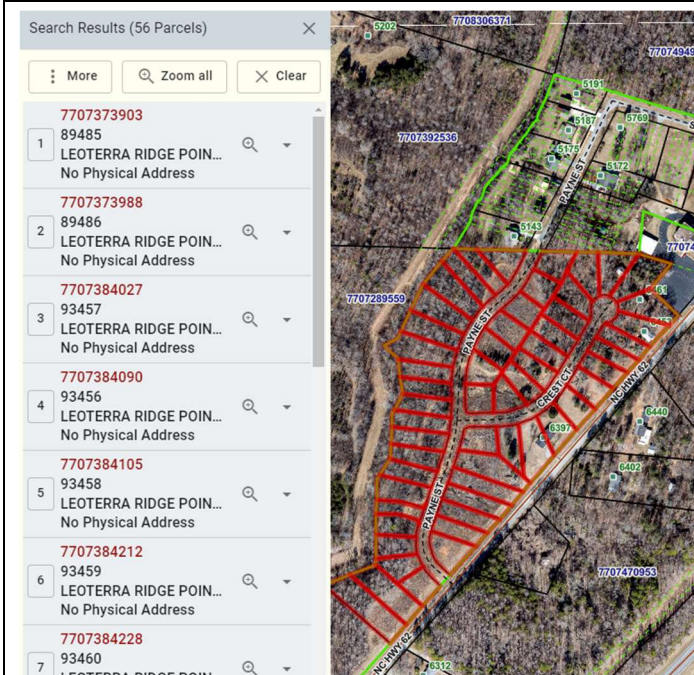## Search by Subdivision Name:
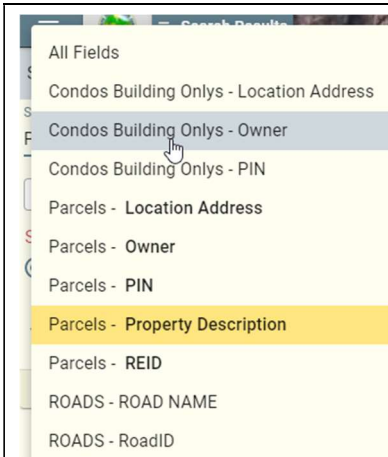
|		
		To search by Subdivision Name select **Parcels – Property Description** under search fields
		Start typing the subdivision name. The auto fill will start to make suggestions. You can **Click** on the subdivision lot of interest or hit **Enter** to see the entire subdivision.
		The map will refresh with selected features highlighted and selected parcels displayed. If multiple parcels are selected, You can click the down arrow ▾ to expand the Parcel information and click **Zoom to** button 🔍 to zoom to the parcel containing the address.

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Previous tab:
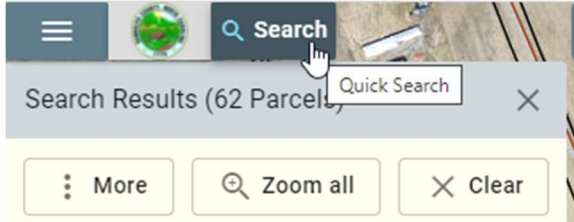
The tab in the top left show the previous tool or results rendered. By clicking this tab, you can quickly get back to Search or Search Results.

Select on Map:
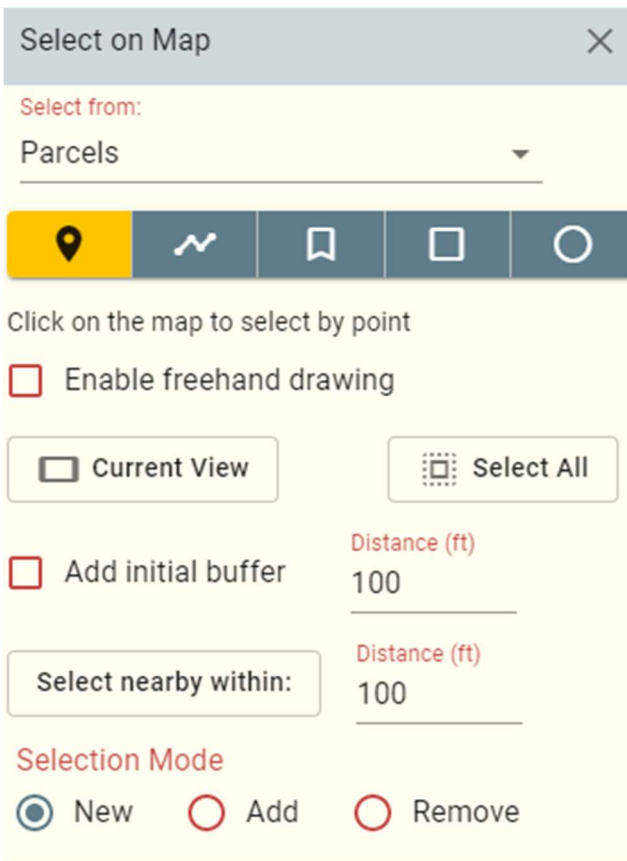
Select on Map is available through the Toolbar or Main Menu ☰.

Select on Map select features By Drawing A **Point, Line**, Or **Shape (Polygon)** on the Map. Alternatively, Select Features In The Current Map Window Or Select All Features In The Selectable Layer.

Choose Selectable Layer.

📍 To select by point
1. **Click** the **Point** button.
2. Click or left mouse click once in the map view to select feature.

To select multiple features in the selectable layer with polygons or line click desire shape to sketch.

.

1. Click the **Line** or **Shape** button.
2. Click or left mouse click once in the map view to start a line/shape.
3. Click or left click again to change the direction or add points along shape.
4. Double click to finish the sketch.
5. Features intersected by the shape are shown. Click the Zoom to button to zoom to the feature of interest and click the plus icon to display descriptive information.

Randolph County GIS User's Guide
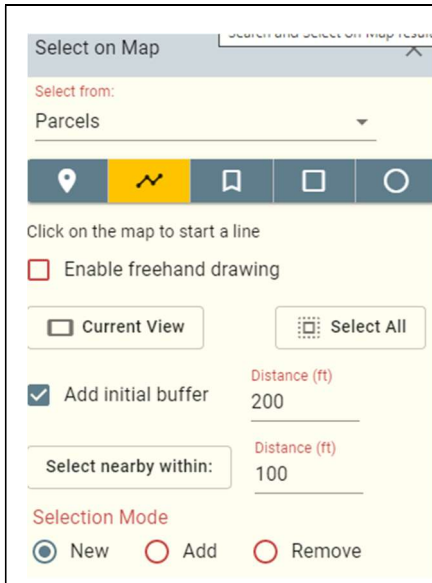
1) By checking the **"Add a buffer with distance"** box, the user can select features that are within the distance specified.
2) In this instance, all features within 200ft of the location that is **clicked** on the map will be selected. Now click at the appropriate location on the map.
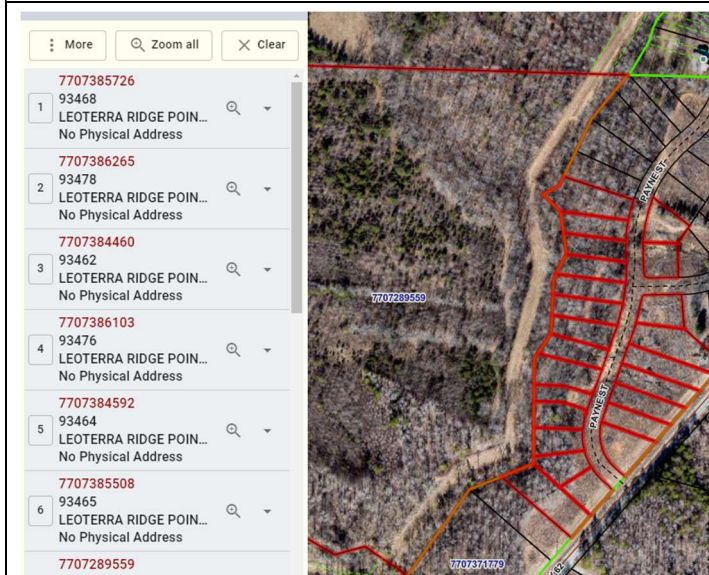
The selected features will be presented in the Details tab.

The map will refresh with the selected features highlighted and partial descriptive information will be displayed.

The **Zoom to** button 🔍 will zoom to a single feature. Complete descriptive information for a single feature can be displayed by clicking the plus icon.

The **Zoom all** button will zoom to all the selected features.

The **More button** gives access to download **Mailing Labels** with owners and mailing addresses or download **CVS file** with information for selected features.

The **Clear** button will clear all selected features.

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Advanced Search:

Advanced Search is available through the Main Menu ☰.

Select on Map select features by searching on specific fields.

1. Choose Layer to Select from.
2. Choose Field to query.
3. Choose Query type:

| text	number
is equal to	is equal to
is not equal to	is not equal to
begins with	is greater than
does not begin with	is greater than or equal to
ends with	is less than
does not end with	is less than or equal to
includes the value(s)	includes the value(s)
does not include the value(s)	does not include the value(s)
contains the text	
does not contain the text	
contains all the words	
does not contain all the words	

4. Insert text or number to search for.

Randolph County GIS User's Guide

Hyperlinks for all selected parcels.

Community Info   Tax Assessment   Tax Bill
Permit Records   Oblique Photos   All Owners
                  All Addresses

Community Info - Assembles information describing the **"Community"** surrounding a specified location on the map.

Community Information 🖨 ✕ Click on the map for community information **Parcel Information** ▲ Parcel ID — 7659298244 Taxed Acreage — 4.18 Description — SOUTH POINTE BUSINESS PARK TR 2 Owner — RANDOLPH COUNTY Property Address — 760 NEW CENTURY DR Property ZIP — ASHEBORO,27205 Square Feet — 168539 Subdivision Information ▼	Several categories of descriptive information will be returned in a collapsible panel on the left. Click the ▼ beside the desired info to expand the panel with the desired information. An option to print the Community Info is available by clicking the Print button.

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Tax Assessment - Displays property information from Tax Department's Land Records and Appraisal Public Web Application (PWA).

** Click Buildings tab on this screen to see building photo.

Tax Bill – Links to Tax Department's Billing and Collections Public Web Application (PWA).

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Permit Records – Shows available scanned permit records for parcel.
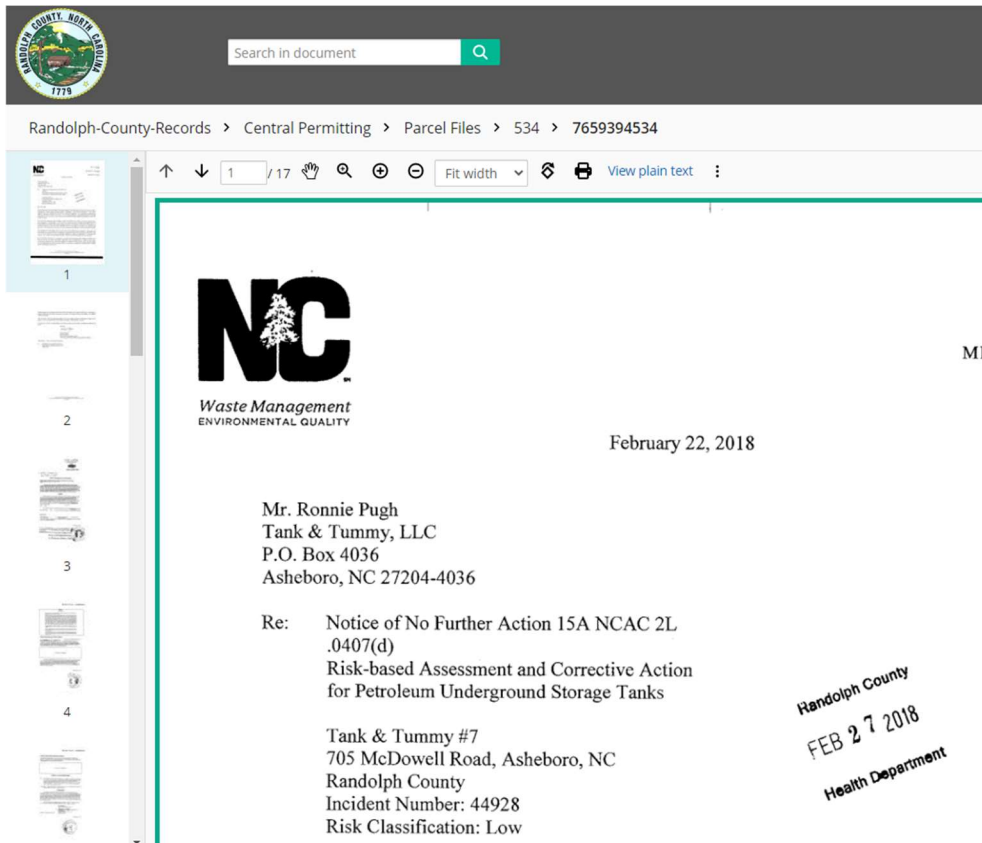
Oblique Photos - Displays the current map location in Eagleview (Pictometry) 360 degree Aerial Imagery. The Navigation tool can be used to show all angles of a location.
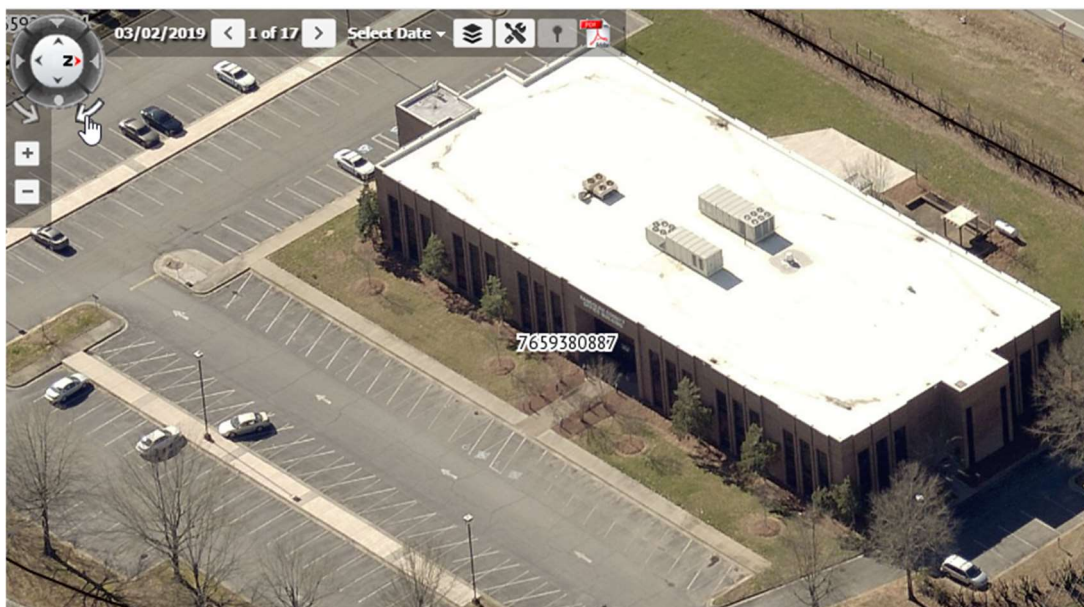
All Owners - Displays a list of all owners for the selected property.

All Addresses - Displays a list of all addresses for the selected property.
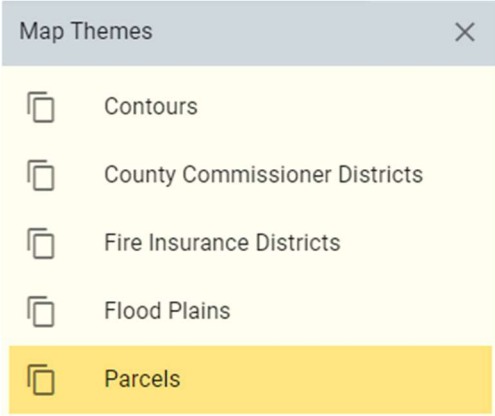
Randolph County GIS User's Guide

Working with map:
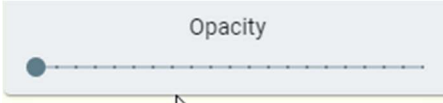
Main Menu:

- Map Themes
- Basemap Gallery
- Map Layers
- Legend
- Bookmarks
- Print

MAP THEMES – This can also be accessed from Toolbar.

Map Themes ✕ ▢ Contours ▢ County Commissioner Districts ▢ Fire Insurance Districts ▢ Flood Plains ▢ Parcels	Selecting a specific **Map Theme** displays a group of complimentary map layers depicting a topic of interest. For Example, selecting **Flood Plains** will refresh the map with the Flood Zones and complimentary layers visible. **Parcels** is the default map theme. You can go back to this theme anytime to set the map back to your defaults.

BASE MAPS – CHOOSE A BASEMAP

Basemap Gallery ✕ 2022 Aerial Photos ━━━━━━━━━● Opacity ━━━━━━━━━● 2022 Aerial Photos 2018 Aerial Photos 2014 Aerial Photos 2010 Aerial Photos	A quick/easy way to display a background imagery or orthophotography under a given map theme. **2022 Aerial Photos** is the default basemap and displays the most current orthophotography. Historic imagery for Randolph County and other ESRI Basemaps are available. To clear the basemap Opacity can be moved to the far left. Opacity ●━━━━━━━━━━

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MAP LAYERS – SHOW THE MAP LAYERS MENU

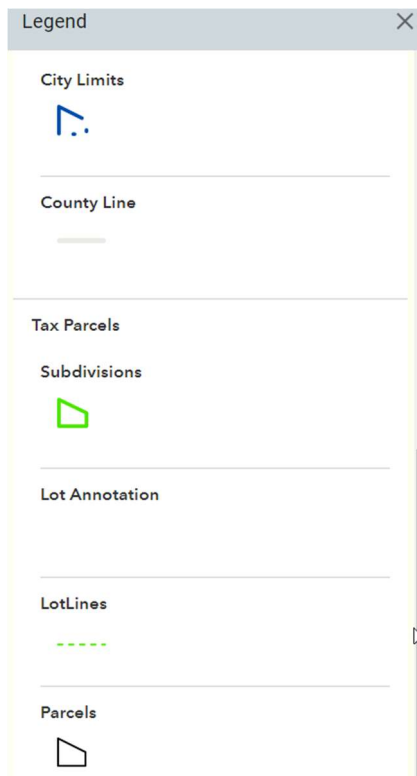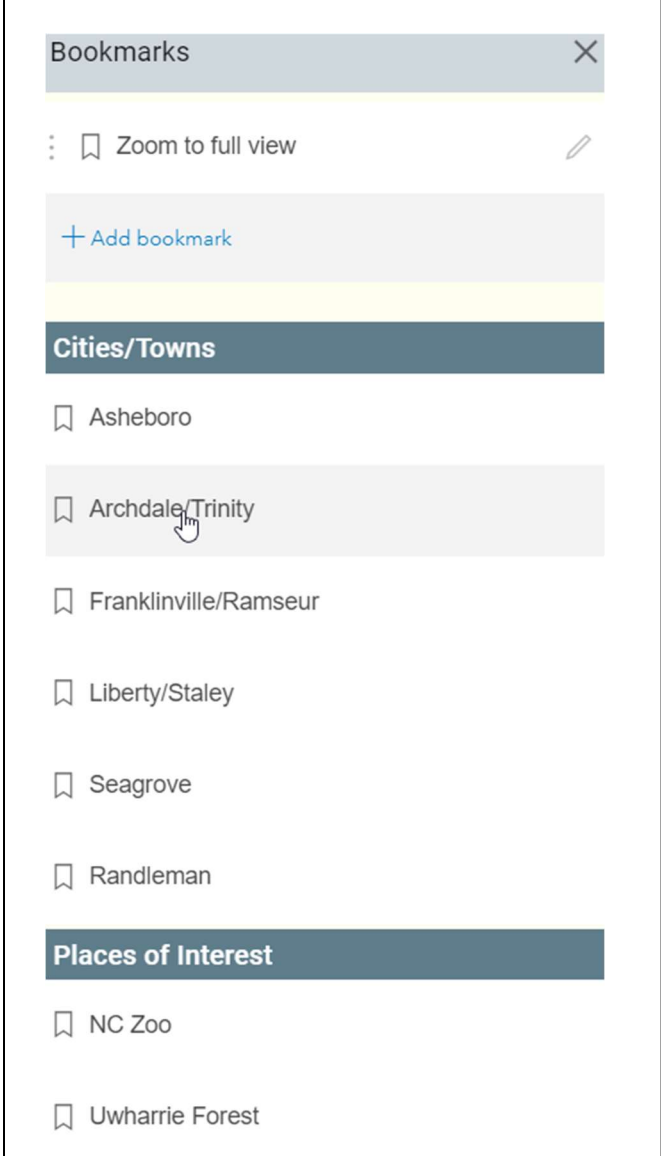|	

Map Layers   ✕
 	
[💾 Save]   [✕ Clear]
 	
▷ ☑ Addressing
 	
▷ ☑ Transportation
 	
▽ ☑ Tax Districts
 	
   ☑ City Limits   ⋯
 	
   ☑ Fire Districts Labels   ⋯
 	
   ☐ Fire Districts   ⋯
 	
   ☑ School Districts Labels   ⋯
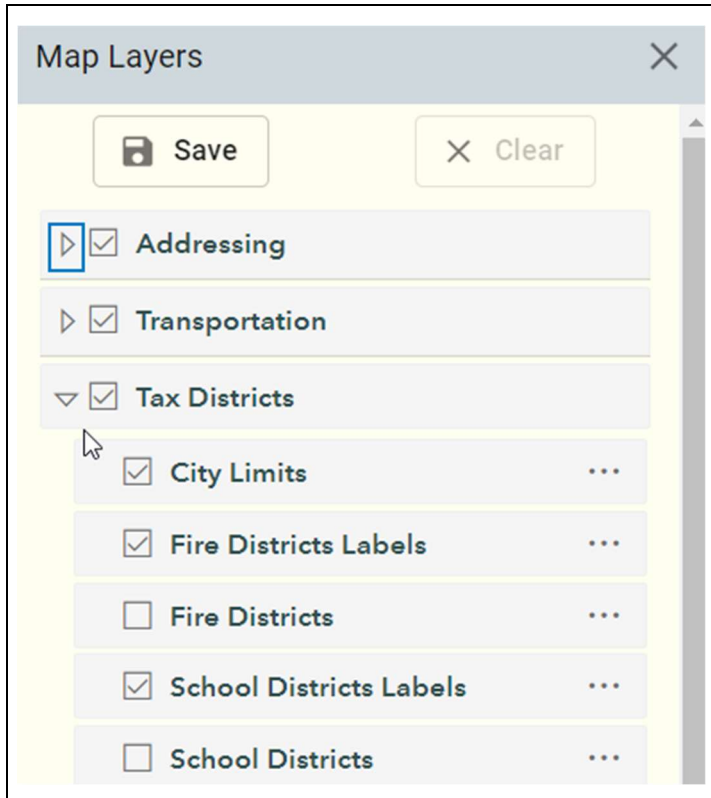 	
   ☐ School Districts   ⋯
	This option controls what layers are visible on the map.
	
	Toggles On/Off the map layers and labels visibility in the map view. **Expand** the layer group (**Tax Districts**) by clicking the plus. **Check** or **uncheck** the desired layer to toggle visibility. All labels appear checked but doesn't display unless the corresponding layer is visible.
	
	Grayed out items are not visible at the current map scale. Zooming in or out will make the layer visible.
	
	If you need the same layers visible each time you use the application you can save the visibility settings. This will be saved with your browser cookies and will persist until browser cookies are cleared.

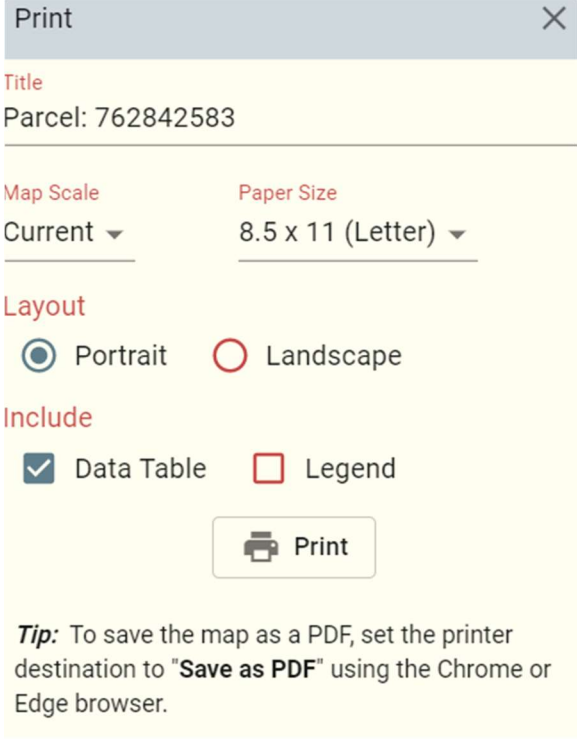**LEGEND –** Displays the **map legend** for all visible layers.

Randolph County GIS User's Guide

BOOKMARKS

Bookmarks ✕
 	
⋮ 🔖 Zoom to full view ✏
 	
＋ Add bookmark
 	
Cities/Towns
 	
🔖 Asheboro
 	
🔖 Archdale/Trinity
 	
🔖 Franklinville/Ramseur
 	
🔖 Liberty/Staley
 	
🔖 Seagrove
 	
🔖 Randleman
 	
Places of Interest
 	
🔖 NC Zoo
 	
🔖 Uwharrie Forest
	Bookmarks are labeled short-cuts to locations of interest on the map.
	
	1. To add a bookmark, navigate to the area of interest.
	2. Click + **Add Bookmark** and type a name into the text box.
	3. The default name is Untitled.
	   • The pencil icon edits bookmark name.
	   • The **X** icon deletes bookmark.
	   • Municipalities and Places of Interest are already bookmarked.

Your saved bookmarks are stored in browser cookies and will persist until browser cookies are cleared. Depending on the browser used and how history is managed, bookmarks may or may not persist from one session to another.

PRINT – Allows you to print map on printer. Chrome is the best browser to use for printing. This is also available the toolbar.

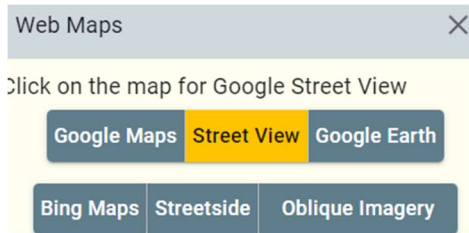|	

Print ✕
 	
Title
Parcel: 762842583
 	
Map Scale   Paper Size
Current ▾   8.5 x 11 (Letter) ▾
 	
Layout
   ◉ Portrait   ○ Landscape
 	
Include
   ☑ Data Table   ☐ Legend
 	
     🖨 Print
 	
Tip: To save the map as a PDF, set the printer destination to "**Save as PDF**" using the Chrome or Edge browser.
	By default the initial print information is setup based on your default printer.
	
	1. Enter title or the default will be "Randolph County, NC".
	2. Select page size and orientation.
	3. Determine if Data Table is desired. The data table takes up additional room at the bottom of the print page. If you want more area for your map you can remove the data table.
	4. Finally, choose a scale. The gold rectangle on the map shows the area that will print on your map at the default scale, it should be close to the second number indicated in the lower left hand corner of the map. To make the rectangle larger increase the scale to make the rectangle smaller select a lower number get all of your desired area on the map.
	5. Once the you hit print you will have to use your browser print function to select printer and verify page size before printing. Chrome gives you a print preview option.

Tools

Main Menu:

- Community Information
- Web Maps
- Sketch
- Elevation Profile
- Measure
- Export Map

Community Information – Also, available through the [Info] button on the toolbar. It assembles information describing the **"Community"** surrounding a specified location on the map.

Community Information Click on the map for community information **Parcel Information** ▲ Parcel ID: 7750202309 Taxed Acreage: 5.56 Description: VUNCANNON PROPERTIES;L12 Owner: SBT REAL ESTATE HOLDINGS LLC Property Address: 881 CURRY DR Property ZIP: ASHEBORO,27205 Square Feet: 232020	1. Select **Community Info** either under the Main Menu or on the Toolbar. 2. In the map, click on a location or point of interest. 3. Several categories of descriptive information will be returned in a collapsible panel on the left. 4. Click the + beside the desired info to expand the panel with the desired information. 5. An option to print the Community Info is available by clicking the Print button.

Web Maps – Gives you access to various web mapping application.

Web Maps ☐ ✕

Click on the map for Google Street View

| Google Maps | Street View | Google Earth |

| Bing Maps | Streetside | Oblique Imagery |

Click on the web application desired as **Street View** and then click on the map. Browser window will open at requested location. The Web Maps tool is also available on the **toolbar**.

Sketch - Provides the option to sketch (draw) graphics and text on the map.

Sketch ✕

Click on the map to draw a point

⬤ Red   ⚓ Circle   ⬤ 14 pt

☐ Label coordinate   Lat/Long DM
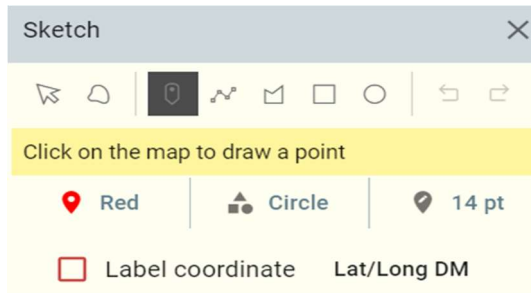
Drawing a *Point* ⬭
1. Click the **Red** dropdown to choose the point color.
2. Click the **Circle** dropdown to choose the point shape.
3. Click the **8** dropdown to choose the point size.

Sketch ✕

Click or drag on the map to draw a line

∿ Red   ▦ solid   ☰ 2 pt
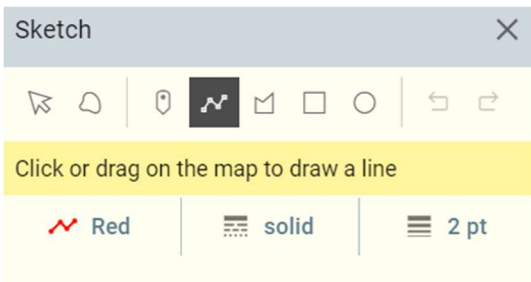
Drawing a *Line* ∿
1. Click the **Red** dropdown to choose the line color.
2. Click the **Solid** dropdown to choose the line design.
3. Click the **Size** dropdown to choose the line width.

Sketch ✕

Click or drag on the map to draw a shape

🎨 Red   ⬡ 20%   ☰ 1.5 pt
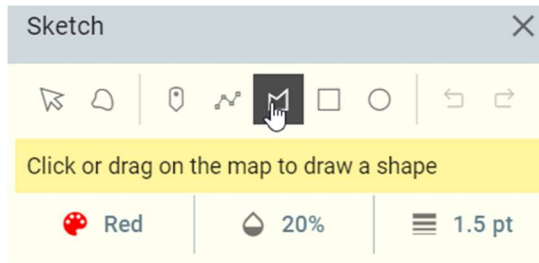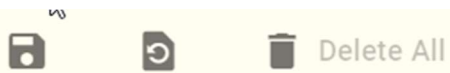
Drawing a *Shape* ⬭ ☐ ◯
1. Click the **Red** dropdown to choose the shape color.
2. Click the **20%** dropdown to choose the shape opacity.
3. Click the **Size** dropdown to choose the shape line width.

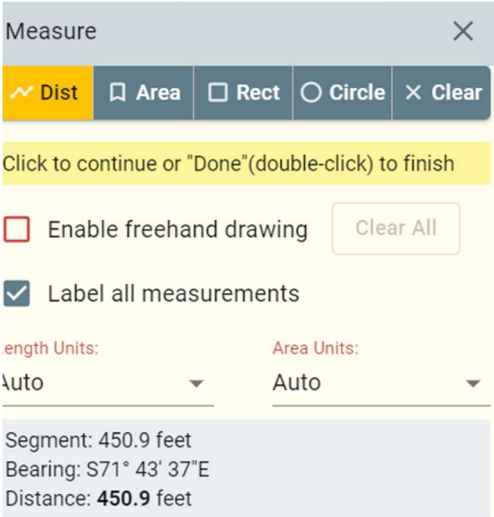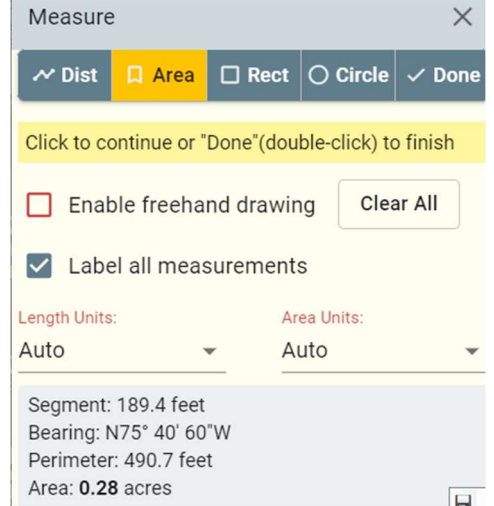|	
Click on the map to add text **A** Black A Sans-serif Tᴛ 14 pt	Creating *Text* – Click **TEXT** 1. Click the **Red** dropdown to choose the text color. 2. Click the **Sans-serif** dropdown to choose the text font. 3. Click the **14pt** dropdown to choose the font size. 4. Type text in the text box and then click on the map where you want the text placed.
🖫 ↺ 🗑 Delete All	Other tools: 🖫 - Save graphics. ↺ - Un-save graphics. 🗑 Delete All - Clear all graphics.

Elevation Profile – Allows user to enter a line and shows the elevation profile along that line.

Click Elevation Profile. Click New profile on popup window.

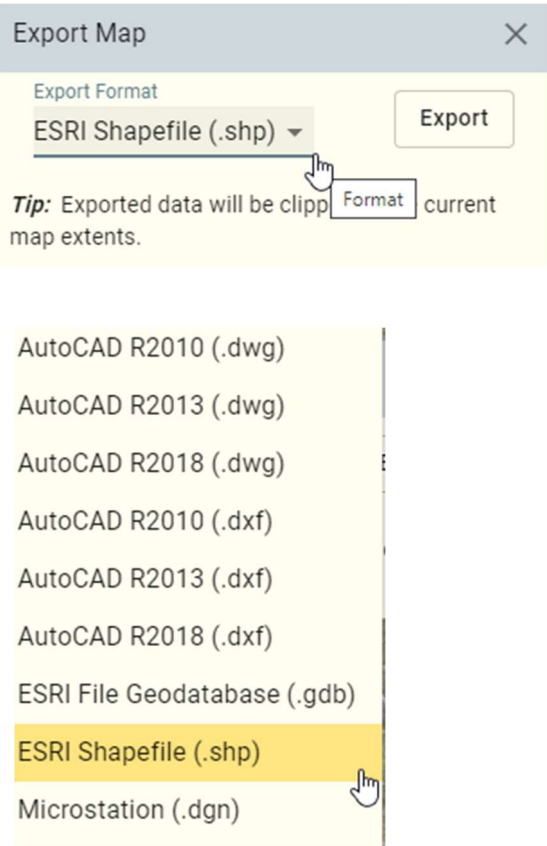Draw line on map (double click to complete line).
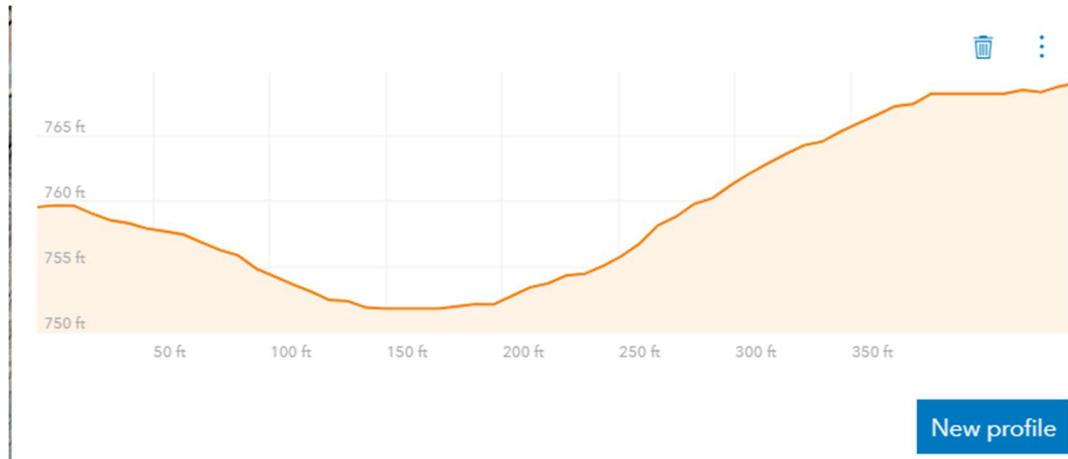
** To remove profile window Click Hide Elevation Profile in Previous Tool location in the top left of screen.

MEASURE - Provides the ability to measure an *Area or Length* on the map.

	Provide the **Area/Length** of shape. Select the **Distance** Icon [~Dist] . The default unit is feet. It can be changed by clicking the **Length Units** drop down and select desired unit of measure. **Click** to Start and **Double Click** to Finish measurement.
	Select the **Area** Icon [Area] . The default area unit is Acres. It can be changed by clicking the **Area Units** drop down and selecting the desired unit for area. **Click** to start and **Double Click** to Finish measurement. ** Unchecking **Label all measurements** will remove line segment lengths.

Export Layers - Provides the ability to export predefined features/layers and download them into different formats from the map.

Export Map ✕ Export Format ESRI Shapefile (.shp) ▾ Export *Tip:* Exported data will be clipp Format current map extents. AutoCAD R2010 (.dwg) AutoCAD R2013 (.dwg) AutoCAD R2018 (.dwg) AutoCAD R2010 (.dxf) AutoCAD R2013 (.dxf) AutoCAD R2018 (.dxf) ESRI File Geodatabase (.gdb) ESRI Shapefile (.shp) Microstation (.dgn)	1. Select the Export Layers option from the Main Menu. 2. From the Format dropdown list, select the export format you would like to download your data in for example, ESRI Shapefile or AutoCAD R2013 (.dwg). 3. Simply click the Export button and your visible predefined layers (parcels, roads, subdivisions and zoning) will be clipped to the current map extent and be downloaded through your *browser* as a .zip file. ** Export is limited to 1,000 features for each layer.

Other tools/links:

🔗	Share Map	- Allows user to capture links to share map or embed in website.
💬	Show hover map tips	- Enables map tips when hovering on map features.
☰	Hide coordinate display	- Hides XY coordinate display int lower left of map.
💬	User Guide	-User guide on navigating the Public GIS website
💬	Frequent Questions	- Link to frequently asked questions
📇	Contact Us	- Link to Randolph County GIS Web Page
🏠	County Home	- Link to Randolph County Government Home Page
▦	Register of Deeds	- Link to Randolph County Register of Deeds
🔗	Tax Real Property System	-Link to Randolph County Tax Department LR CAMA System
🔗	Tax Bill Lookup	- Link to Randolph County Tax Bill Lookup System