



Using OneView

Roanoke County's OneView provides citizens and other interested parties with Home Sales, Land Records, Planning, Zoning, Environmental, Government Services, Utilities and School information. OneView is mobile ready and can be used on a desktop PC, mobile phone or tablet device.

If you would prefer a video tutorial, you may find it here: [WEB VIDEO URL](#)

Browser Requirements:

This GIS Application works in the following Browsers ONLY:

[Google Chrome](#), [Microsoft Edge](#), [Mozilla Firefox](#), and [Apple Safari](#).


Finding an Area of Interest

There are three primary ways to identify an area of interest:

1. Interact directly with the map by panning and zooming and clicking on a parcel when you've located the correct location.
2. Use your current location (best results on a mobile device with location services enabled).
3. Use the Search box to search for a parcel using an address, parcel identification (Parcel ID) number, name of the owner (Last Name First Name) or common name (Cave Spring High School).







To locate a parcel, simply zoom in and click on the map. You can also use the Search box at the top right of your screen

to enter an address, parcel identification


(ParcelID) number, name of the owner (Last Name First Name) or common name (Cave Spring High School) and select the correct entry from the list. The search bar will keep the past 5 most recent search results. You may copy the contents of the search box by clicking the  icon.

Map Based Navigation

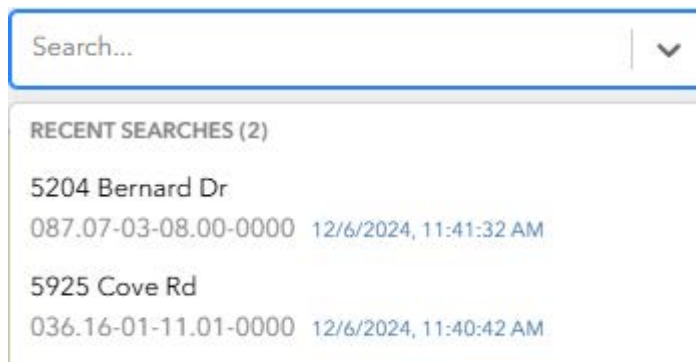
There are several ways to interact with the map:


1. Use the base map switcher  to select your preferred base map
2. Use the Layers Icon  to turn on/off the layers with which you would like to interact.
3. Use the “select by” icons at the bottom of the screen to make your selections.  You may select features by rectangle, circle, lasso, line, or point.
4. Click the home button icon  to zoom out to full extent
5. Roll your mouse scroll-wheel to zoom in/out
6. Click  to zoom in/out
7. Use your right click button on your mouse to rotate your map frame. Hold down the right-click button, and rotate the map frame. To reset the map frame so that the north arrow is facing up, click the north arrow icon  on the left side of your screen.

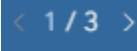
Searching



The Search box  can be used to find a parcel. Search uses an autocomplete feature that will make suggestions in a drop-down window as you type in the Search box.

1. Enter a complete or partial address, Parcel ID, Owner name or Place Name.
2. Click the item in the drop-down list to locate and zoom to the parcel on the map. Your previous 5 searches are saved and can be viewed in the drop-down menu if you click the x at the right of the search window to delete your current search, and click on the search box again:



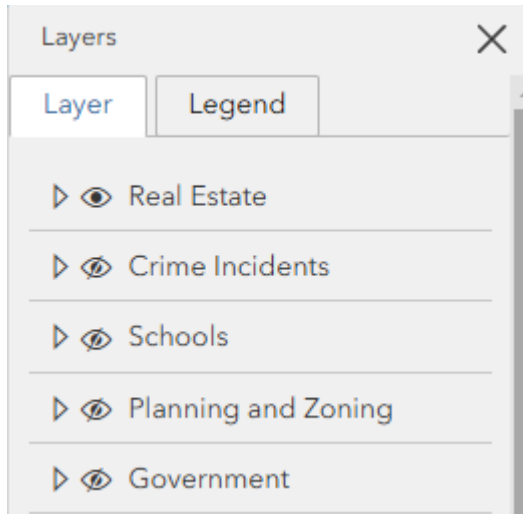
3. You may also locate a parcel via your location (applicable for mobile devices with location services enabled only) by clicking the  icon.

Once a result is selected in the drop-down menu, the application will zoom to the property and display pertinent data along the carousel at the bottom of the screen. If more than one parcel has been selected, you may click on the carat  **Parcel Report** in each pane to scroll between each selected feature's data.

Within the layer's carousel pane at the bottom of your screen, you may use the  icon to zoom to the selected results in the map. You may click the  icon to download the selected results into a .csv file which can be then imported into Microsoft Excel.



Map Layers



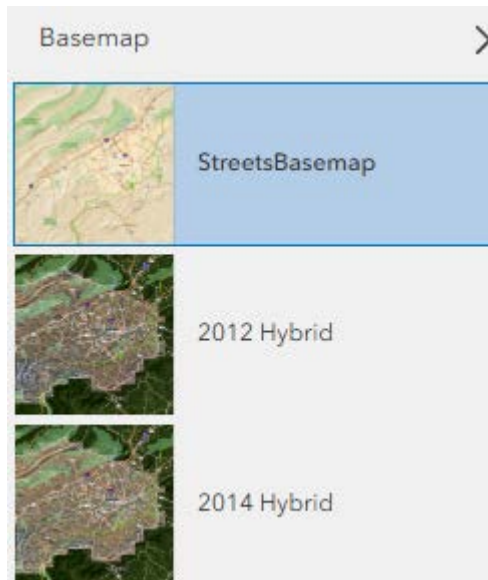
Layers - Select the layers you wish to see displayed on the map. Each layer has a subgroup that may be toggled on and off.

Aerial imagery - Lists historical aerial imagery to view.

Legend - Items shown on the map that will appear on a printed map.



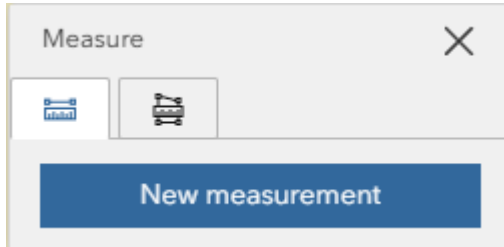
Basemap Selection




You may select different basemaps to view behind your data layers. These include Aerial Imagery ranging from 2012 to 2023, Streets basemap, Taxmap, etc. To compare different aerial imagery side-by-side, see “Swipe tool”.



Measure



 Measure **LINEAR** distance: Select “New measurement” and unit of measurement. Click to start drawing, once for each vertex and double click to end. The length of the segment will appear on the graphic.



Measure **AREA**: Select “New measurement” and unit of measurement. Click to start drawing, once for each vertex and double click to end. The total area will appear on the map, and the perimeter and total area will appear in the Measure dialog box.

Note: Once you complete your measurements, the tool will become inactive. If you select the tool again, or choose another tool in any of the toolboxes, your measurements will disappear.










Bookmark


Select the “+” button to add a specific location to your bookmarks. You may return quickly to a specific area quickly the next time they use the OneView application.





Draw


Click on the draw icon  at the right side of the screen. The drawing dialog window will open. Click on these icons to begin drawing      . You may draw a point, line, polygon, rectangle, or circle.

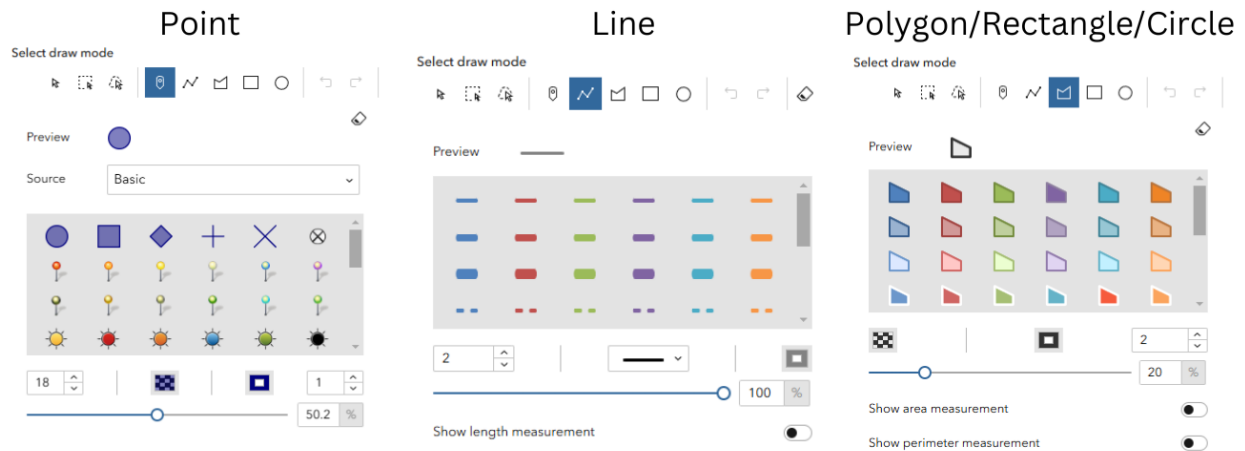
 Place a point. You may choose the Style of the point (circle, cross, etc), the size, color Outline Style, Outline Width and Outline color before starting the drawing.




 Draw a line, click to start, click once per vertex and double click to end. Choose the Style (solid, dashed, etc), Line Width and Line Color before starting the drawing.



 Draw a polygon, click to start, click once per vertex and double click to end. Choose the style (solid, hashed, etc), Outline Style, Outline Width and Outline Color before starting the drawing.

 Draw a rectangle, click to start, click once to begin and double click to end. Choose the style (solid, hashed, etc), Outline Style, Outline Width and Outline Color before starting the drawing.

 Draw a circle, click to start, click once to begin and double click to end. Choose the style (solid, hashed, etc), Outline Style, Outline Width and Outline Color before starting the drawing.



The first three icons on the left allow you to select the graphics by point, rectangle, or lasso.   

You may select any graphic and duplicate  or erase it .

You may clear all graphics by clicking the .

Print

Print ✕

Print template Print result

Title

Template

Advanced ∨

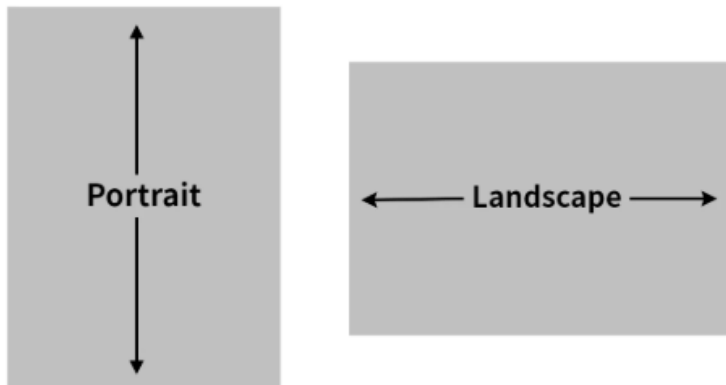
Preview print extents

Print

- Enter a title, the text will wrap up to 3 lines, choose a template (paper size and orientation).

Printing Template	PDF size
Letter ANSI A	8 $\frac{1}{2}$ " x 11"
Tabloid ANSI B	11" x 17"
MAP_ONLY	No print template

Page Orientation:



Advanced ^

Map printing extents

Current map extent

Current map scale

Set map scale

1200 ↻

Preview print extents

Layout options

Author

Copyright

Include legend

Include north arrow

Scalebar unit Feet ▼

Print quality

96 DPI

Include attributes

Preview print extents

Print

Advanced Printing options

You may select to print the current map extent, the current map scale, or to specify a scale. (i.e. entering “1200” will produce a map at a 1” = 100’ scale and “2400” will produce a map at 1” = 200’ scale)

The map authors name may be included in the PDF map result.

A copyright disclaimer may be added to the PDF map result, as well as a Map Legend and North Arrow.

The scalebar unit of measurement may be adjusted.

The image resolution of the PDF map result may be adjusted. **If you want a higher resolution image, set your DPI to 300.**

Select “include attributes” to show the layer attributes/table in the PDF map result.

Select “Preview print extents” to display a bounding box on the map display to show the area to be included in the PDF map result.




Coordinates

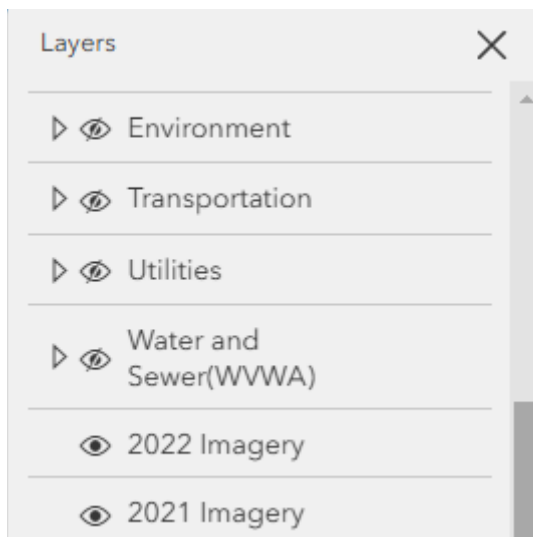
You may move your cursor over the map and obtain the specific Latitude and Longitude coordinates.



Swipe Tool

The swipe tool allows you to compare two aerial imagery basemaps side-by-side by “swiping” one layer away to see the other. To use this functionality, you must first select two aerial imagery layers in the Layer list. In this example,

we’ll compare 2022 Imagery and 2021 Imagery. Select the Layers tool  :

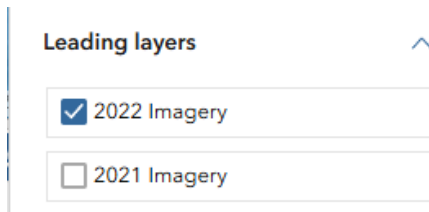


Toggle the visibility of 2022 Imagery & 2021 Imagery ON

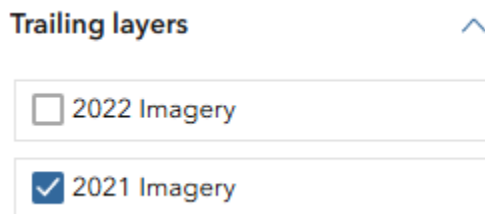
Select the Swipe tool  and Toggle the swipe tool ON:




Under “Leading layers”, click 2021 Imagery OFF:



Under “Trailing layers”, click 2022 Imagery OFF:



You may now click on the swipe icon  in the center of your screen and move it left and right to compare one set of imagery with the other.





Directions

Directions ✕

5204 Bernard Dr, Roanoke, Virgi... ✕

5925 Cove Rd, Roanoke, Virgin... ✕ ↕

+ Add stop

Driving Time ▼

Leave now ▼

Save Save As

19 min | 13.1 mi
3:38 PM GMT-0500
Clear route

5204 Bernard Dr, Roanoke, Virginia,

Enter the address of your starting point and destination

Your destination doesn't need to be located within Roanoke County. The directions will generate at the bottom of the dialog box.

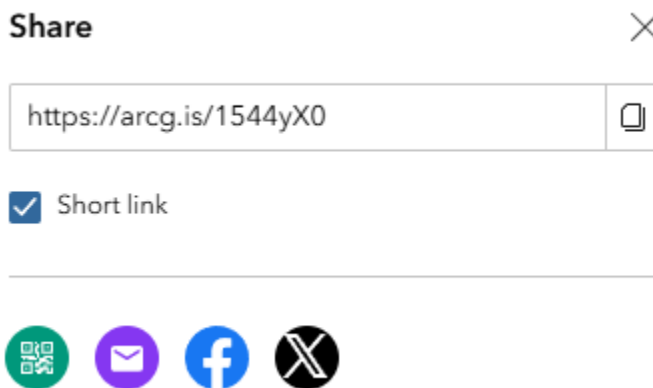
Driving, Trucking, Walking or Rural Driving ***Time*** will prioritize time over distance, so that your route is the shortest duration possible.

Driving, Trucking, Walking or Rural Driving ***Distance*** will prioritize distance over time, so that your route is the shortest length possible.


You may choose the best route for the current time by clicking "leave now", or select a time in the future.

Share Map

To the left of the Search bar, there are 2 icons – the left icon is the share icon.



You may copy the shareable link that is automatically generated for you by

clicking the  icon. You may also create a QR code, generate an e-mail with a shareable link, or share to Facebook or Twitter (X). As a side note, when using Facebook or Twitter (X) links, you'll be asked to sign in to your respective account.

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If you have any questions about the OneView application, please reach out to GIS Services at (540)772-2086 or GIShelp@roanokecountyva.gov





Please update your browser

Your browser isn't supported anymore. Update it to get the best YouTube experience and our latest features. [Learn more](#)



Mozilla Firefox



Opera



Google Chrome



Microsoft Edge

REMIND ME LATER