



## Watford City Web Map- Guide

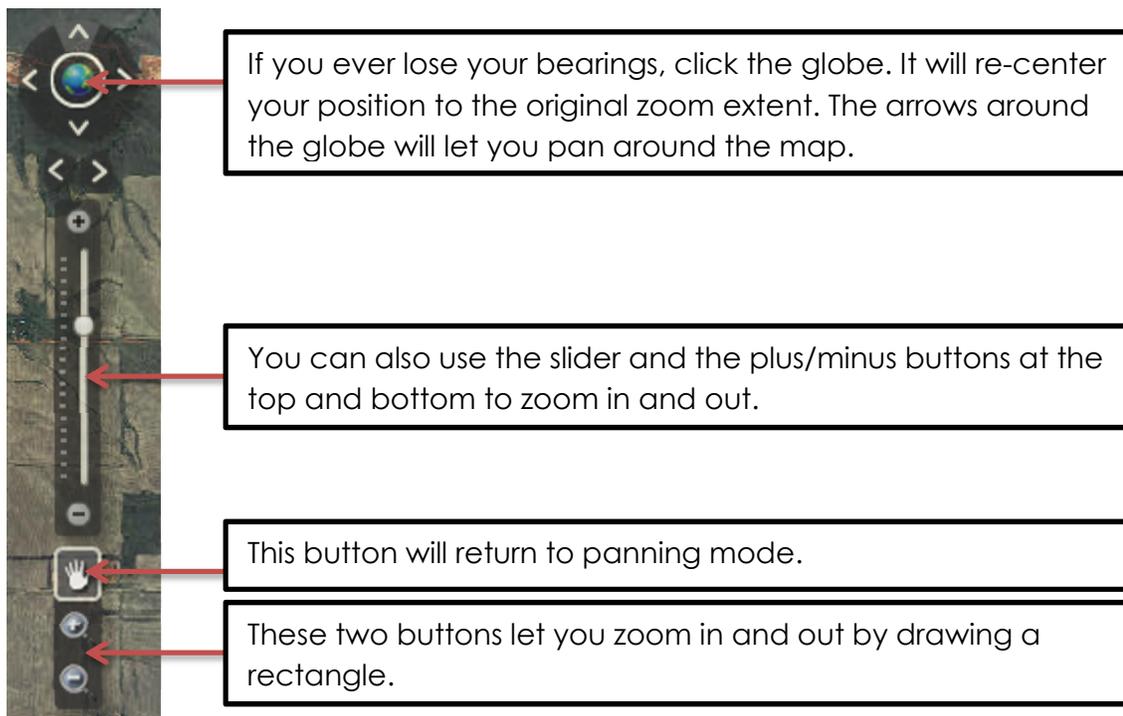
Watford City has created a web map so that it's easy to learn more about the City, its infrastructure, and resources.

To begin, head to: [https://ae2sratesurvey.com/dontmove/ae2sdata/gis/WCGIS\\_Public/](https://ae2sratesurvey.com/dontmove/ae2sdata/gis/WCGIS_Public/) in an internet browser and agree to Terms of Use.

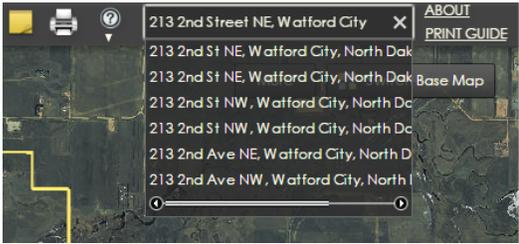
### Navigation

Navigating the Watford City Web map is **very similar to using Google maps**, and is simple with these options:

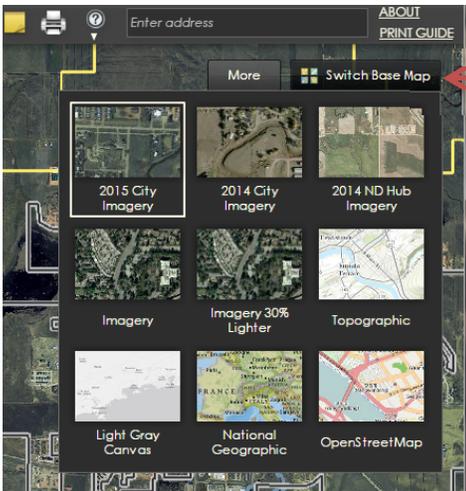
- Use the scroll up/down wheel on your mouse to zoom in/out.
- Using your mouse, click and drag the map to pan: staying at the same zoom level, but moving across the map.
- Notice that labels and other features within this web map are visible at different scales, effectively in sight only when you need them.
- There is also **a navigation tool bar in the upper left corner**.



- To find a location by address, type it into the search box in the upper right corner.



- To switch the base map, click the **“Switch Base Map”** button in the upper right hand corner. You can choose an aerial image from a different year, a topographic base map, a base map with only streets, a basic grey background, and more.



Click this button to switch the base map.

- To access additional map layers, click the **“Turn Layers On/Off”** button. Check the box to turn a layer on, or uncheck the box to turn it off. If a layer is greyed out, it's not available at your current zoom level and you may need to zoom in or out.



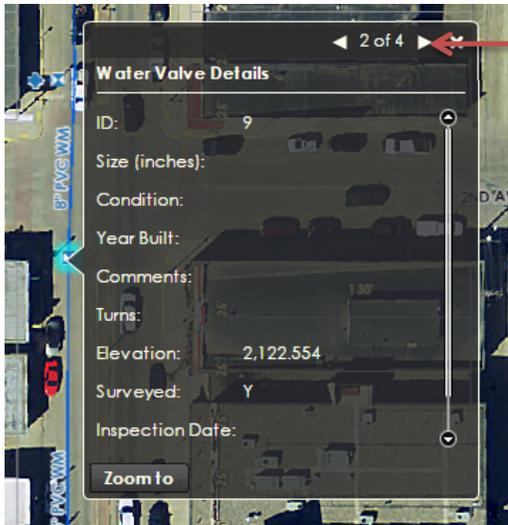
- Sometimes, you might want to save a zoom extent for later. **Click the “Bookmap” button to see all the bookmarks and add your own.**



Click this button to add a bookmark.

Click this button to remove a bookmark.

- **Single-click on any feature to bring up a pop up window.**



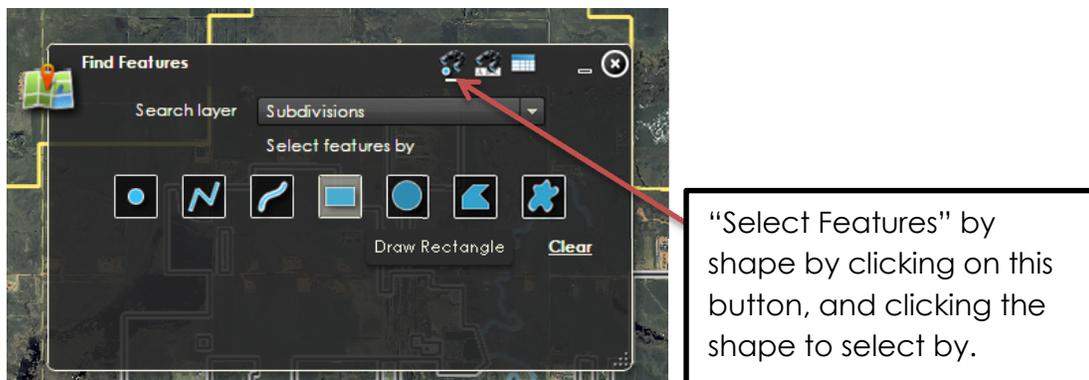
If the location where you click has many layers, click on the arrows to scroll between the pop up windows.

## Searching

There are **four search widgets on the top toolbar** to help you find what you are looking for: features within the City (like subdivisions, PLSS information, place names, owner, legal description, parcel ID), water service features, sanitary service features, or storm service features.



- The **search widget acts the same for each of these four tools**, and lets you find specific information in a focused way. So the way you search "Find Features" will be the same as "Find Water Service Feature," "Find Sanitary Service Feature" and "Find Storm Service Feature."
- The **"Select Features" method of searching let you draw a point, line, or polygon to select the features that intersect with that shape.**



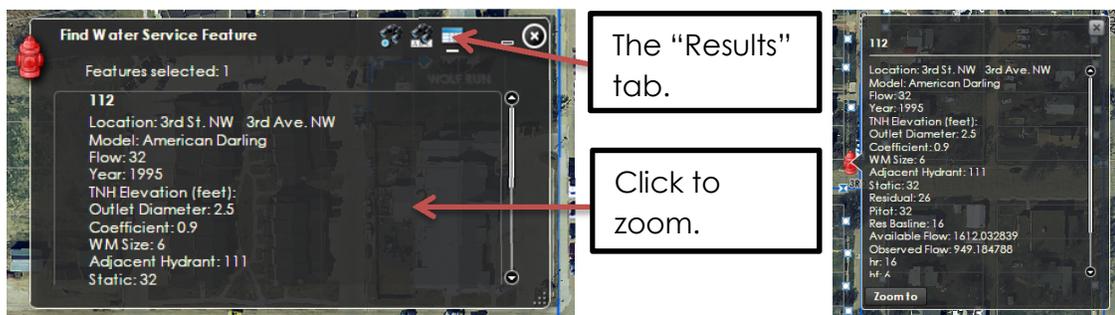
- In this example, we searched for subdivisions by drawing a rectangle. **The results appear on the “Results” tab, and you can click on a result to zoom right to the feature of interest, and a pop up window will also appear.**



- The “Select by Attribute” method of searching lets you enter an attribute to find a feature.



- In this example, we searched for Water Hydrants by ID. Once again, **the results appear on the “Results” tab, and you can click on a result to zoom right to the feature of interest, and a pop up window will also appear.**



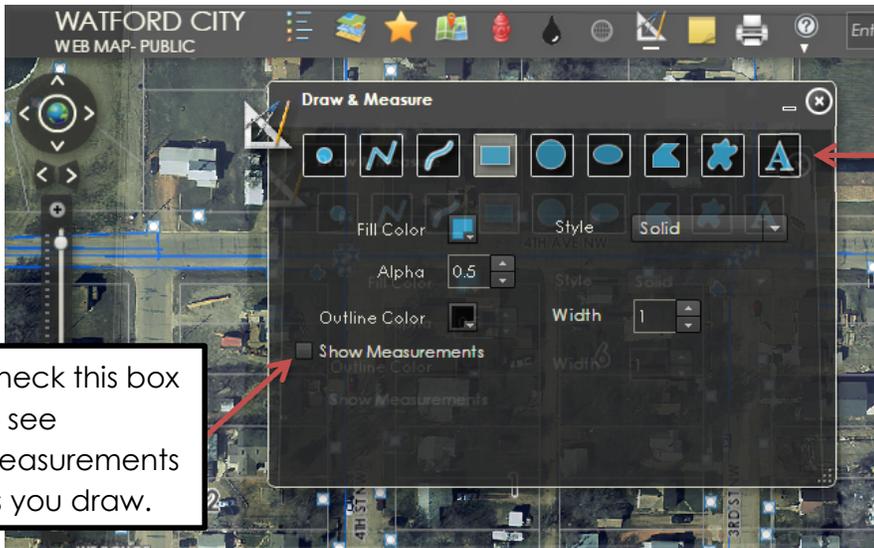
- To start over, click on the “Select Feature” or “Select By Attribute” button, and click clear.



Clear the current search and start again.

## Drawing and Printing

- The “Draw and Measure” widget is on the upper toolbar.

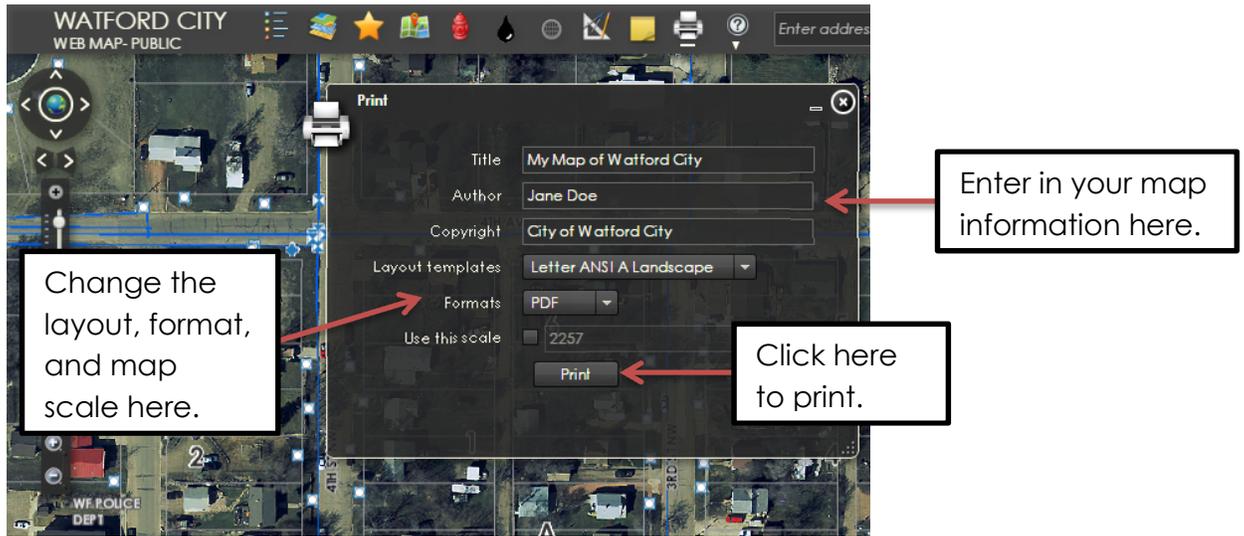


A variety of drawing tools are available to mark up the map.

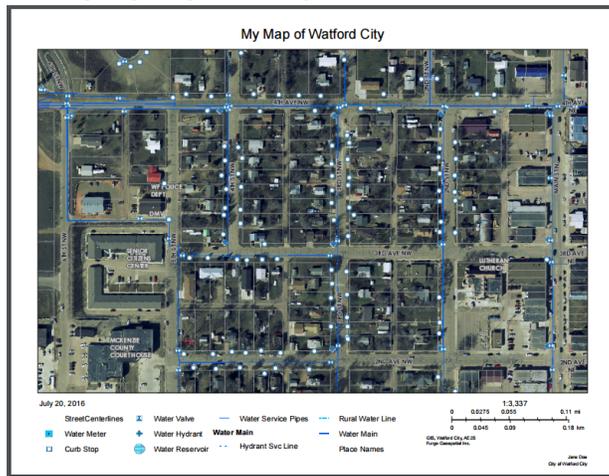
Check this box to see measurements as you draw.

- Your drawings on top of the map will only be kept within the browsing session and are not permanent. To have a record of your drawings, be sure to print the map.

- The “Print” widget is on the upper toolbar. Enter in your formatting options, and click the “Print” button to export a map of your current view.



- It may take a couple of moments, but when the print function is complete, your map will open in a new tab, or pop up, depending on your browser settings. **You may need to enable pop up's in your internet browser for the print function to work properly.** Then, you can save the file, or print it.



- The “Print Guide” in the upper right corner provides more details about the layout options.



## Video Tutorials

- To see **videos of the workflows covered in this guide**, click on the “Video Tutorials” button to access a series of quick tutorials.

