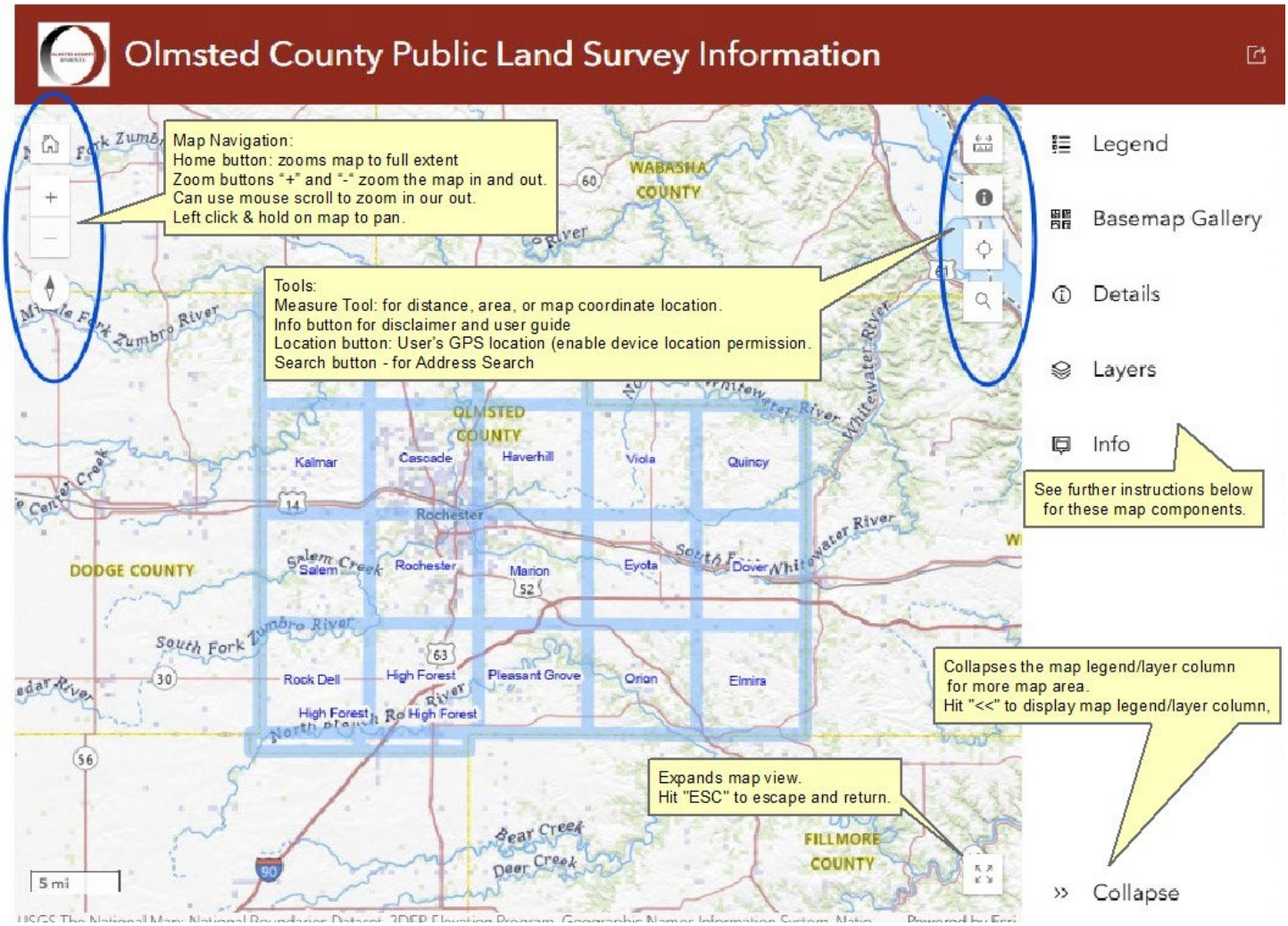
Olmsted County Public Land Survey
GIS Map Application User Guide

The following instructions provides key map capabilities available within this GIS application.

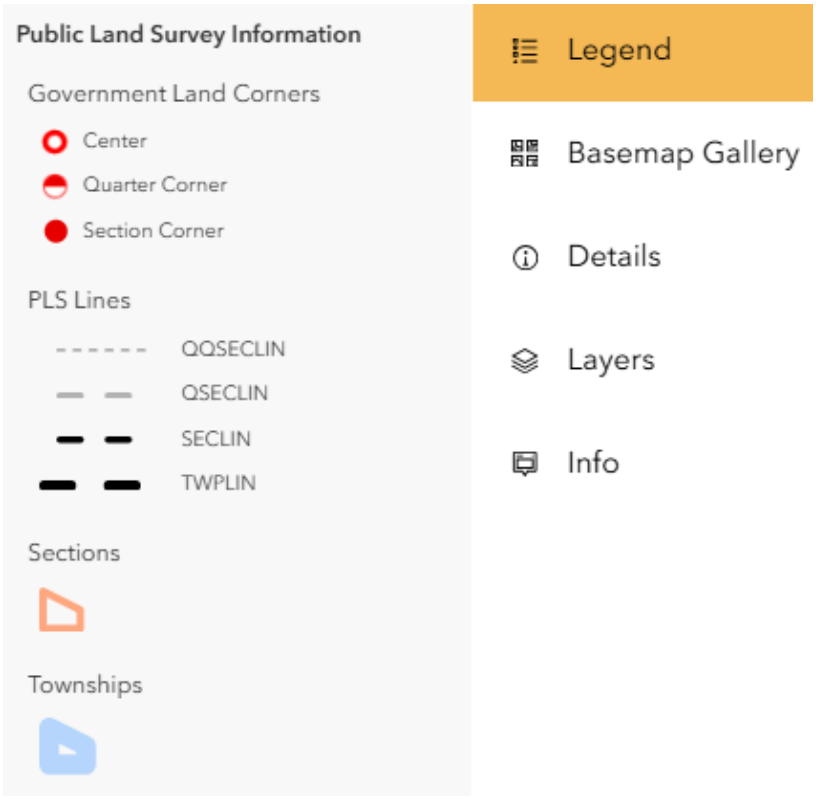


Olmsted County Surveyor Department
Public Land Survey Information Application provides:

- Links to General Land Office (GLO) Plats
- Links to Certificates of Location of Government Land Corners
- Links to Section Survey Breakdowns

Legend

Displays the active map layer's symbology. Only layers visible in the map display in the legend list.



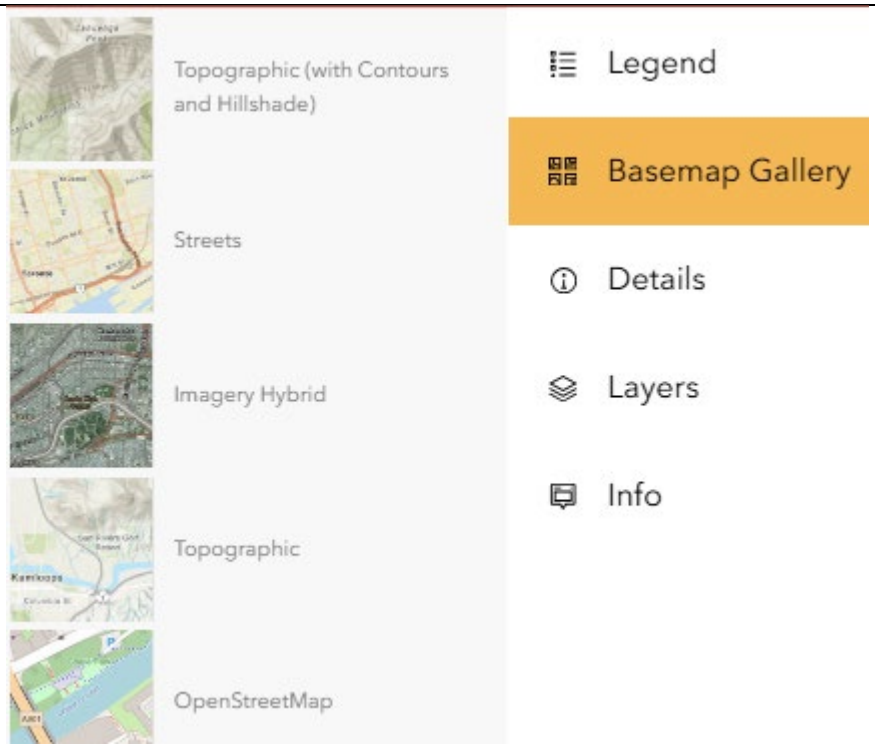
Basemap Gallery

Displays a collection of basemaps in the side panel that users can add to the map.

The Basemap will display beneath the PLSS map layers.

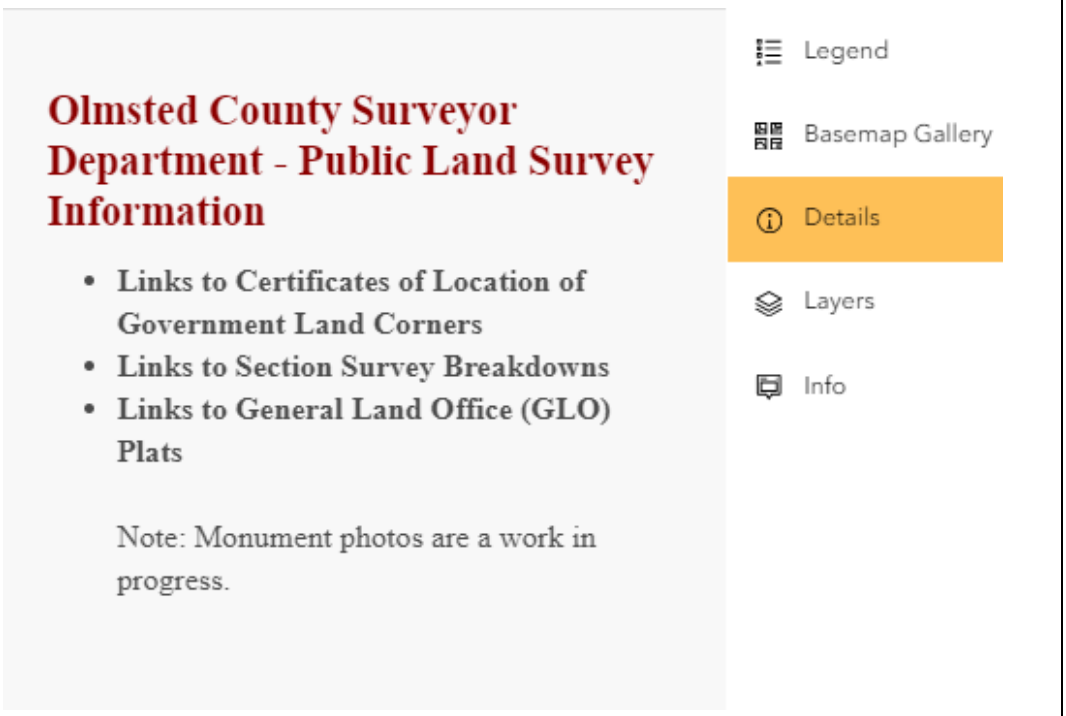
Note that any map layers in the "Layers" tab will display above, and may hide, the chosen Basemap layer.

You can switch the basemap anytime you choose, however there is a default basemap chosen as the map opens.



Details

Displays the descriptive item details of the map source.



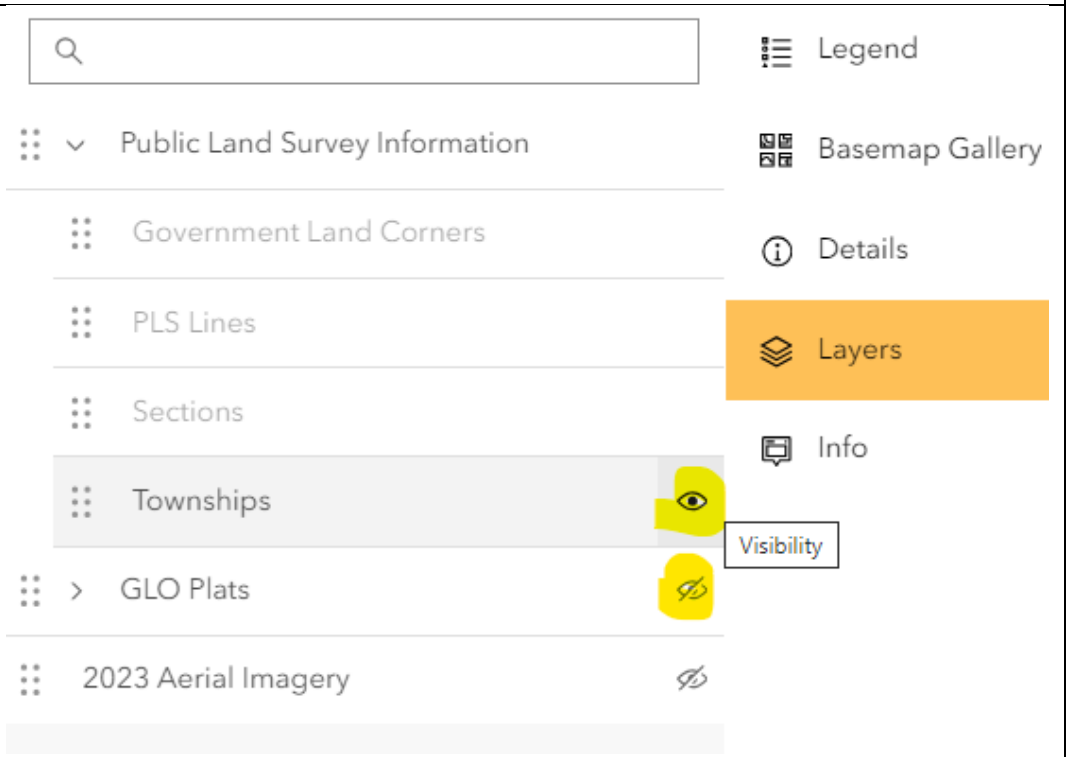
Layers

Displays a list of layers available within the map.

PLSS map layers dynamically turn on and off. Layers become visible when zoomed closer within the map.

The eye icons indicate whether a layer is turned on or off.

Imagery layers (GLO Plats) that are above lower layers, must have visibility turned off to see the image layers below (Aerial Imagery).



Info

Feature Info panel:

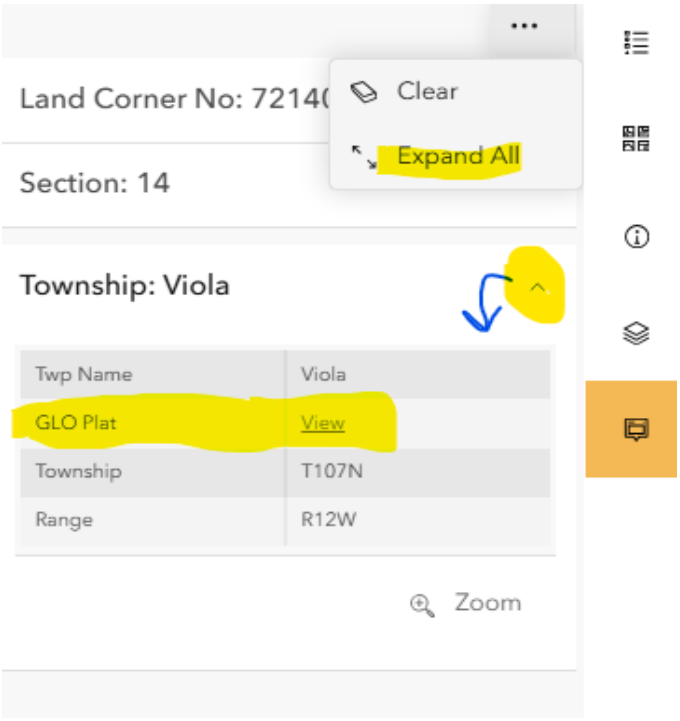
The map provides information for the following layers:

Land Corners, Sections and Townships.

Click on active (visible) features in the map to select them.

The Info panel will automatically open and displays a list of panels *for any active layers* selected.

The “arrow” dropdowns toggle “open & closed” each information window. Click on **View** in table to open the linked document in a new browser window. (The document may open in a new browser window or may download depending upon your device settings).

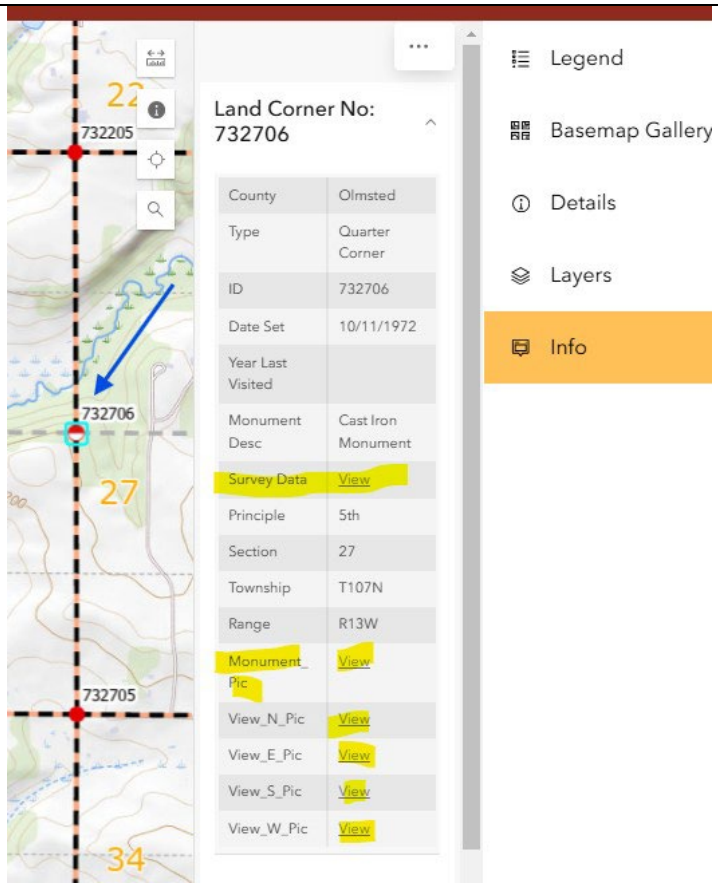


Land Corners

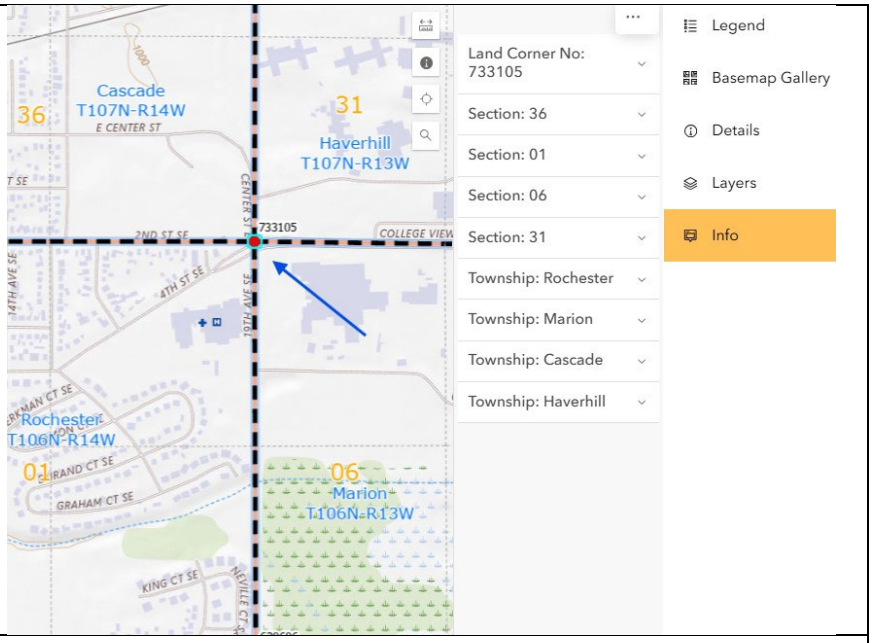
Click on a Land Corner feature in the map. Open the dropdown arrow to display the land corner information.

Click on **View** in table to open the Land Corner Survey Data document in a new browser.

(The document may open in a new browser window or may download depending upon your device settings).



Selecting a shared Land Corner will display all adjacent Sections and Townships within the info panels list.

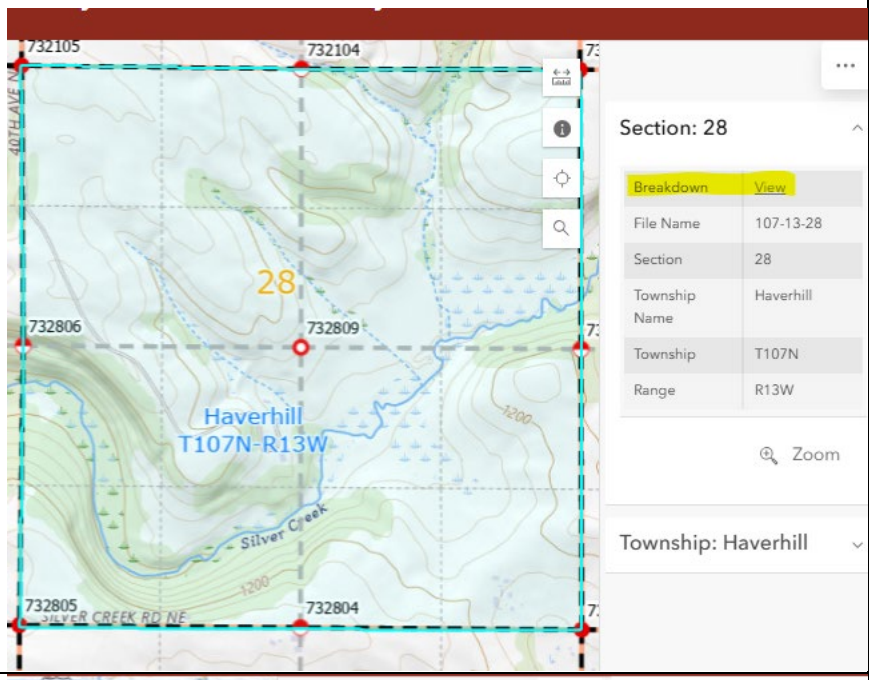


Sections

Click on a Section in the map. Open the Section dropdown arrow to display the Section information.

Click on **View** in table to open the survey Breakdown for that section.

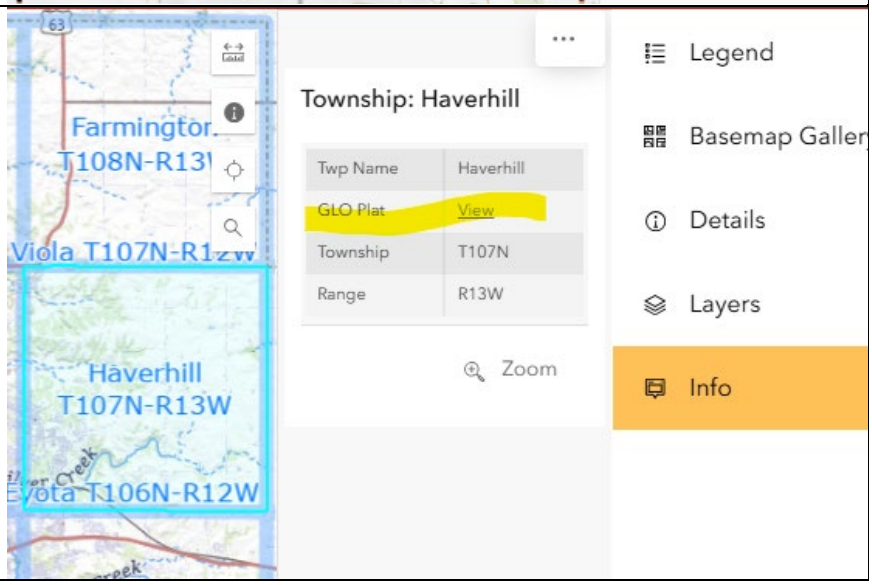
(The document may open in a new browser window or may download depending upon your device settings).



Townships

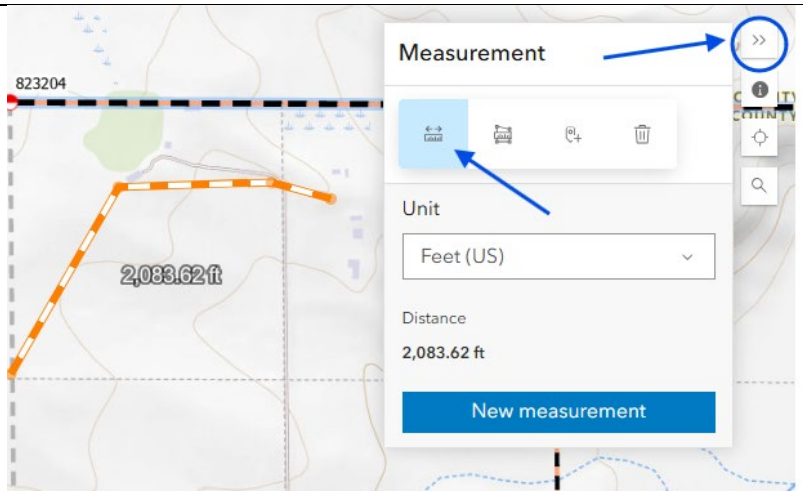
Click on a Township in the map. Open the Township Info dropdown arrow to display the township information. Click on **View** to open the GLO Plat.

(The document may open in a new browser window or may download depending upon your device settings).



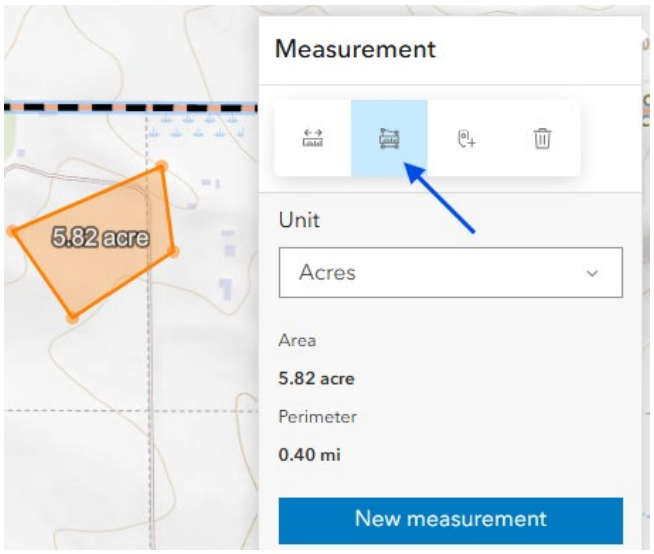
Measurement tool

Select Measure Line tool and select your Unit from the dropdown. Click on map to draw line, double click to end the line. Total distance displays. Click delete “can icon” or new measurement to draw another line.



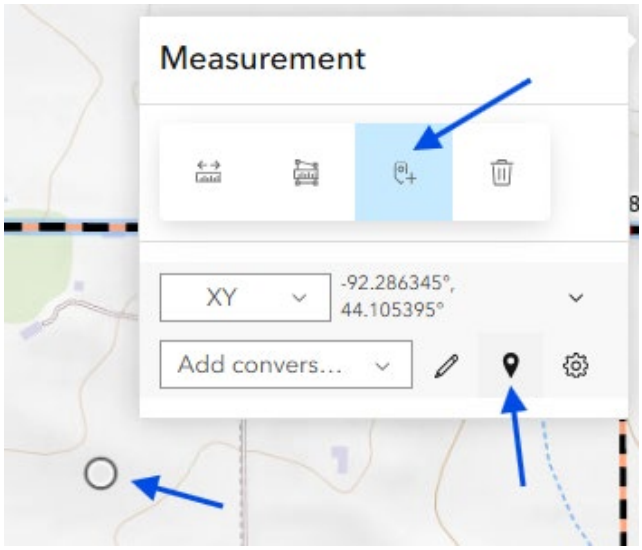
Select Measure Area tool and select your Unit from the dropdown. Click on map to draw perimeter lines, double click to close the polygon. Total area displays.

Click Delete “can icon” or new measurement button to draw another area.



Select Coordinates Tool and your output type. Click on map to identify coordinate. The option to copy is available to the right of the output value.

With the marker pin selected, a circle is placed on the map. Unselect the marker pin to clear the map.



For additional support on how to use this map, please contact Mary Sheehan, Olmsted County GIS at (507) 328-7126.