

TH210 Web Map User Guide

https://pm.barr.com/Projects/Veit/Highway%20210/admin/veit_TH210/index.html

Table of Contents:

Map Tools	Pg. 2
Legend and Layer Control	Pg. 3
View Feature Attributes	Pg. 4
Bookmarks	Pg. 5
Measurement Tool	Pg. 5
Google Street View	Pg. 6
Print Tool	Pg. 7

Map Tools



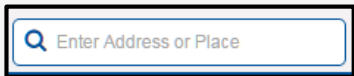
Show current location on the map by clicking the “Track Location” button on the upper left corner of the map. This will use the device’s location/GPS tools to zoom the map to the user’s current location. The map will pan dynamically as the device moves.



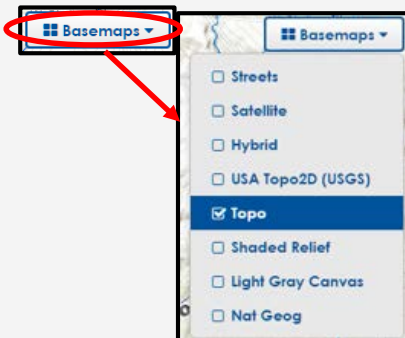
Stop tracking current location by clicking the “Stop Tracking Location” button located on the upper left corner of the map when the GPS is active



Go to web map’s default or starting extent, typically the extent of all map layers



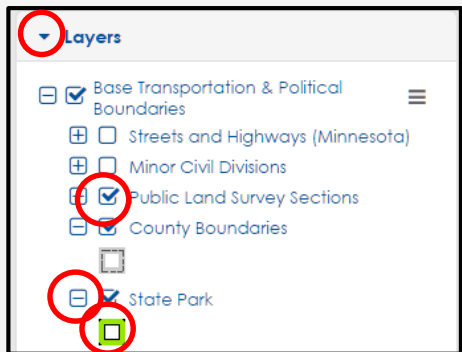
Search for an address, intersection, place or landmark using the geocode tool.
Note: The tool will automatically suggest matching results as text is entered. Click on a result to zoom to location on the map. A blue dot on the map marks the location.



Click on Basemaps button to choose from list of included basemaps.

Note: basemaps provided by ESRI, not Barr Engineering. Scale restrictions can vary by basemap layer.

Legend and Layer Controls



Expose or hide the map layer control/legend toolbox by clicking on the arrow next to the “Layers” label.

Click on the + symbol next to a layer name to expose sub layers and legend.

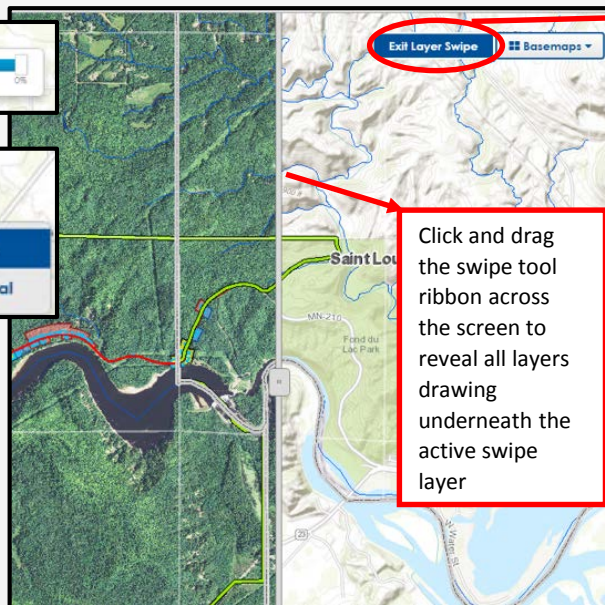
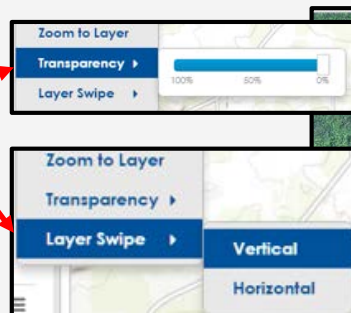
Check or uncheck layer box to toggle layer on and off



Open the layer control menu



Change layer drawing order relative to other grouped layers.




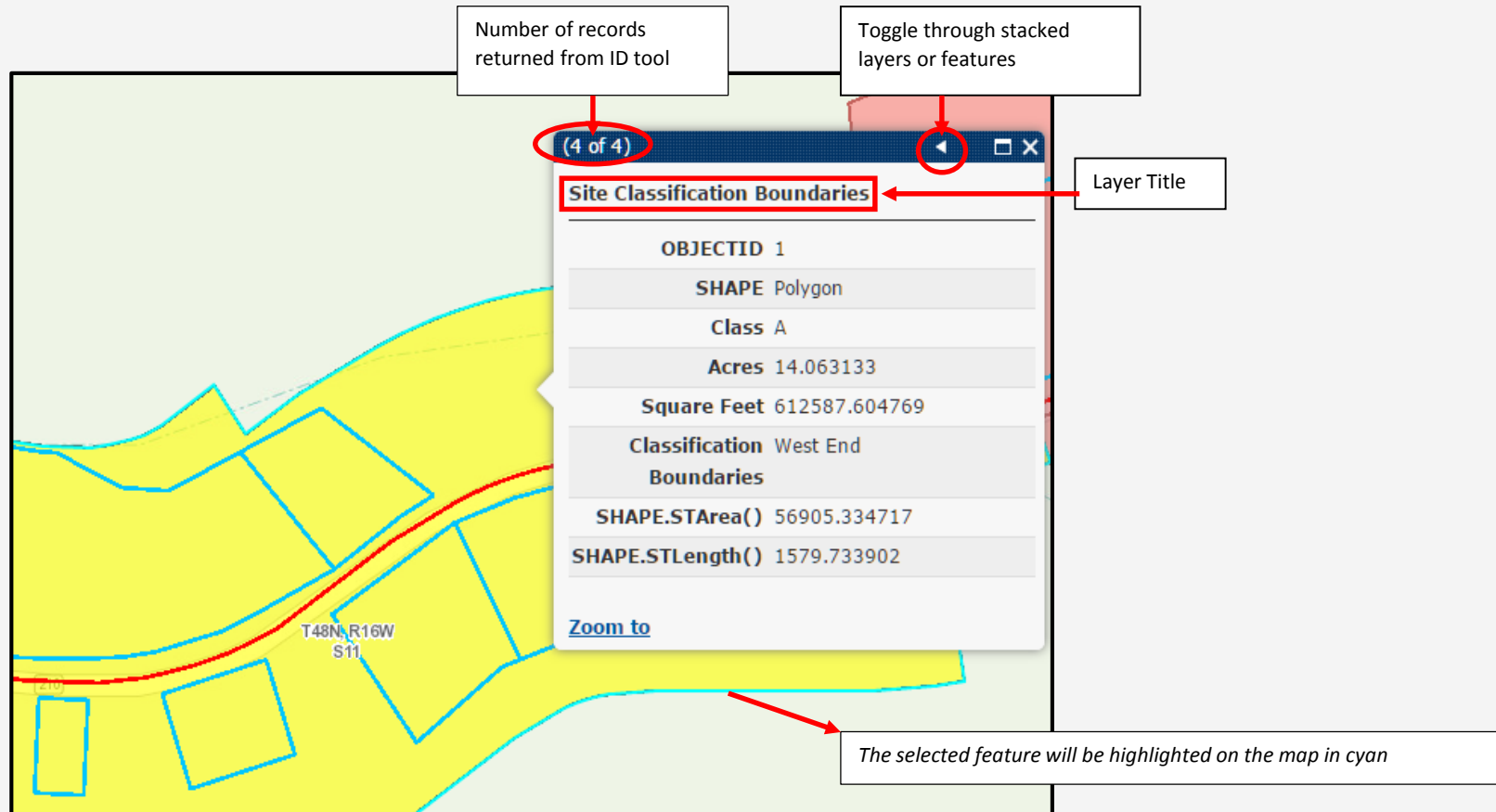
Click here to exit the swipe tool

Layer Swipe:

The swipe tool allows the user to dynamically hide or reveal the selected layer with an interactive map control. This is particularly useful for comparing stacked raster data sets, like two years of aerial imagery drawing on top of each other. The widget provides **horizontal** and **vertical** viewing modes

View Feature Attributes (ID a feature)

View a feature's GIS attribute data by clicking the mouse pointer on the feature. When features are stacked, all features are identified. Toggle through stacked feature ID results by clicking on the “next feature” button  in the upper right corner of the ID window. The title bar in the ID window indicates the active layer and the ID'd feature is highlighted in cyan on the map.



The screenshot shows a map with yellow polygonal features. A red line runs through the map. A window titled 'Site Classification Boundaries' is open, displaying the following attributes:

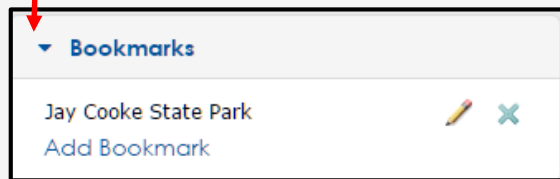
OBJECTID 1	
SHAPE	Polygon
Class	A
Acres	14.063133
Square Feet	612587.604769
Classification	West End Boundaries
SHAPE.STArea()	56905.334717
SHAPE.STLength()	1579.733902

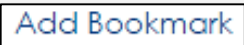
Below the table is a 'Zoom to' button. The window's title bar shows '(4 of 4)' and navigation buttons. A red arrow points from the 'next feature' button to a text box: 'The selected feature will be highlighted on the map in cyan'. Other callouts include: 'Number of records returned from ID tool' pointing to '(4 of 4)', 'Toggle through stacked layers or features' pointing to the navigation buttons, and 'Layer Title' pointing to the window title.

Bookmarks


View pre-set bookmarks or create user specified bookmarks to save a map extent. All users can see the application's pre-set bookmarks. User created bookmarks can't be shared with other users, they only apply to the local web browser and will persist until the browser cache is cleared.

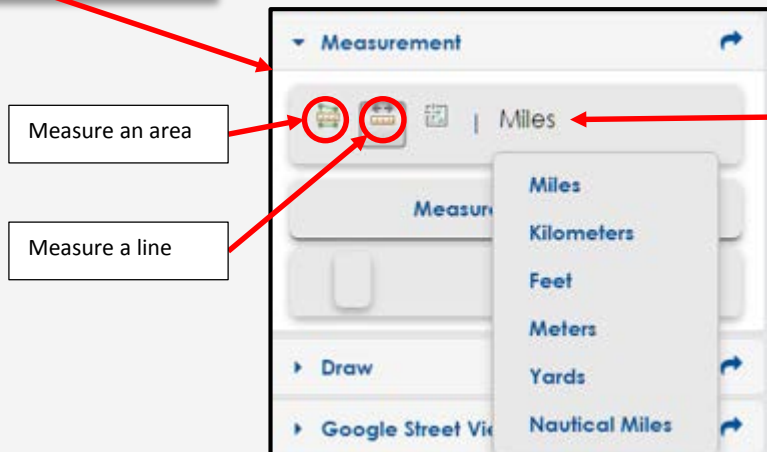
 Expose or hide bookmarks by clicking on the arrow next to the “Bookmarks” label



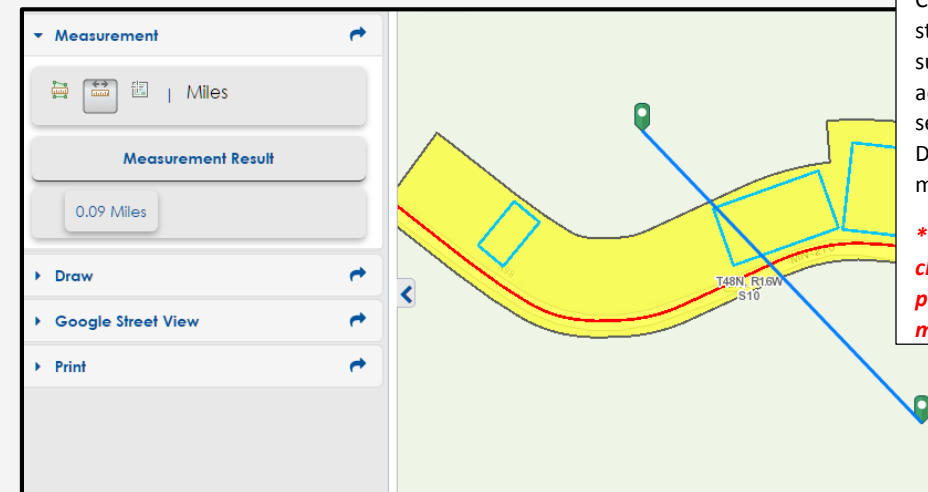
To create a bookmark, zoom to the desired map extent and then click  and choose a bookmark name. By default, the application contains one sample bookmarks for all users to see. Bookmarks only capture map extents, not changes to default layer configurations.

Measurement

 Expose or hide measuring tools by clicking on the arrow next to the “Measurement” label



Click here after choosing area or line tool. Measurement units. Units adjust based on line or polygon tool selection



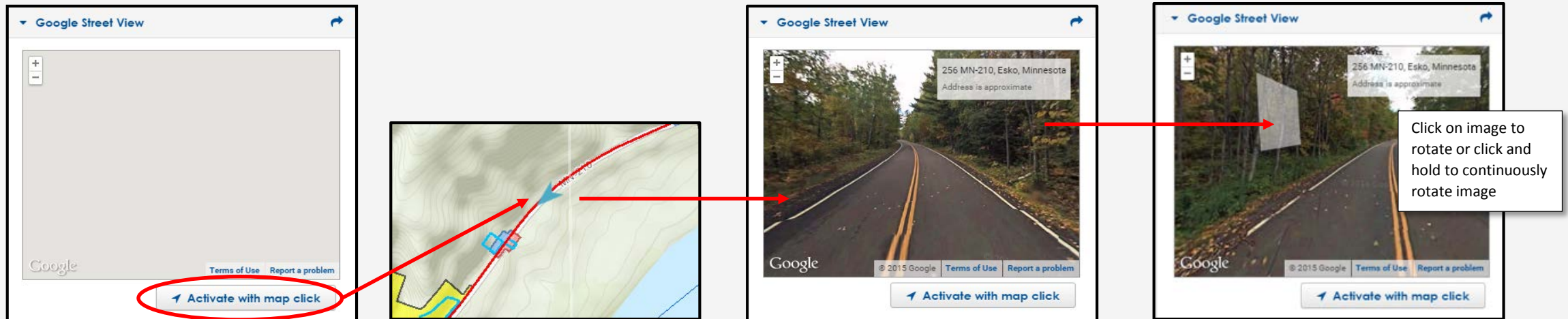
Click once on the map to start measuring. Each subsequent single click adds a vertex to segment or area. Double click to end measurement

*****NOTE: units can be changed after performing the measurement function***

Google Street View

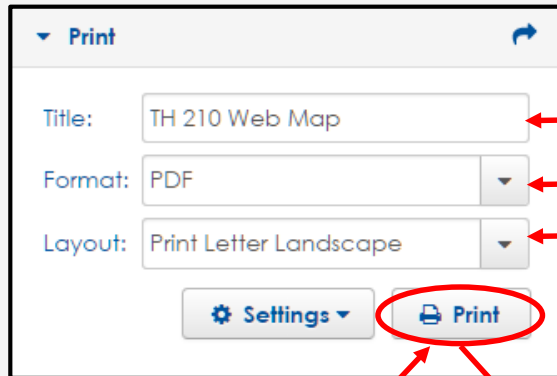
Access Google's Street View imagery from within the web mapping application.

1. Click the "Activate with Map Click" button and then click on the map at desired location to see the street view image. The image will display in the Google Street View tool in the Layer Control panel.
2. The blue arrow on the map indicates the direction shown in the Google Street View image



Printing Hard Copy or Digital Format Map

Print the current map extent with active visible layers displayed. The default print output is PDF, but other format options are selectable from the “Format” menu dropdown list (shown below). Other print tool options are shown below. The print output is displayed in a new browser tab and can be printed from that view.



Print settings panel with the following fields:

- Title: TH 210 Web Map
- Format: PDF
- Layout: Print Letter Landscape
- Buttons: Settings, Print

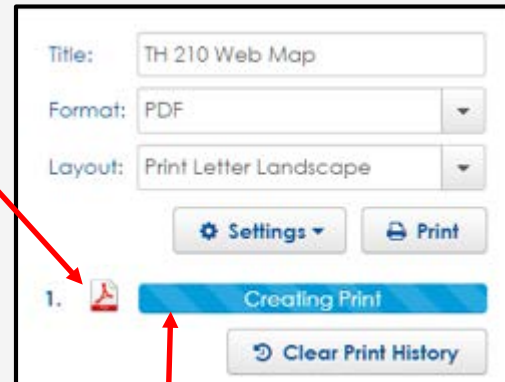
Title text box – enter custom title here for display on printout

Choose print format from drop down list of values

Choose paper size and orientation from Layout drop down list

Click “Print” button to start printing.

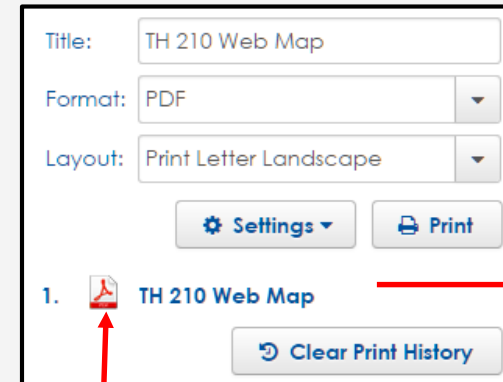
****NOTE: Printing process can take a few minutes. If the print fails, an error message will indicate job failure.**



Print job in progress panel showing:

- Title: TH 210 Web Map
- Format: PDF
- Layout: Print Letter Landscape
- Buttons: Settings, Print
- Progress bar: 1. Creating Print
- Clear Print History button

Indicates print job in progress



Print job complete panel showing:

- Title: TH 210 Web Map
- Format: PDF
- Layout: Print Letter Landscape
- Buttons: Settings, Print
- Result list: 1. TH 210 Web Map
- Clear Print History button

Print output complete. Click on result to view print

Print Output

