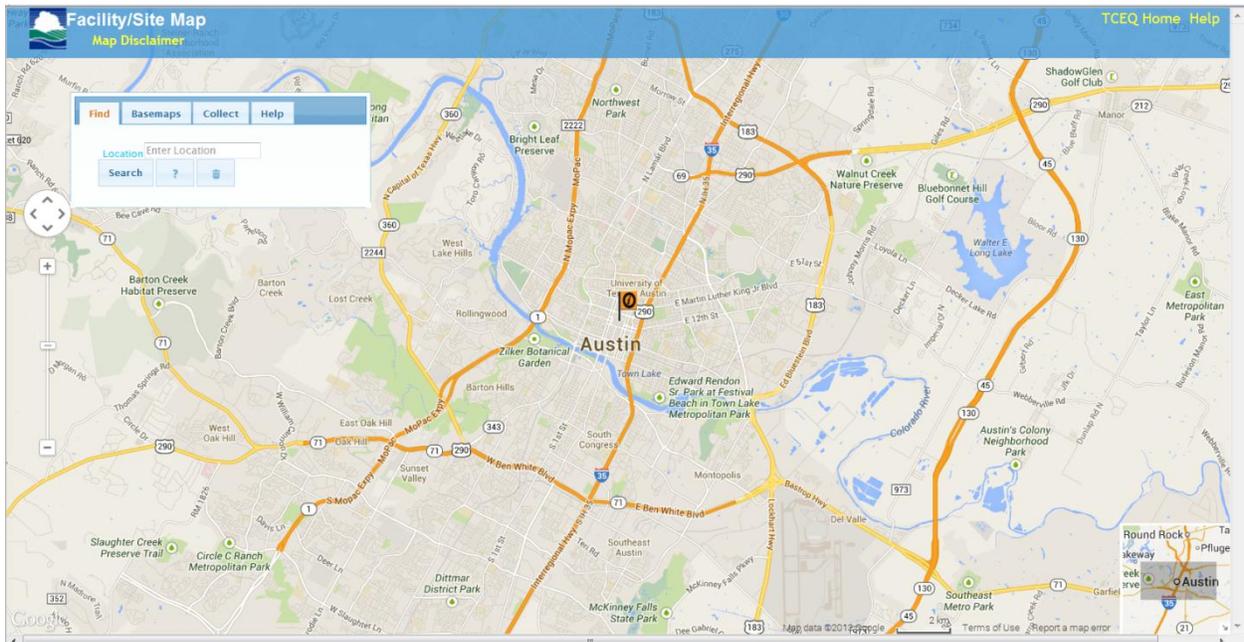


TCEQ House Bill 610 (HB 610) Viewer – User Guide



The **House Bill 610 Viewer** allows TCEQ to comply with House Bill 610: 82(R) HB 610. It allows users to:

- Navigate to a specific location on the map, click on the map to create a new point, and click another button to create a URL path that can be copied and pasted into an e-mail.
- The recipient of the e-mail can then just click on the URL link and go to that location in the online map viewer.

The OAS/Information Resources Division (IRD)/Enterprise Support Section (ESS)/GIS Team created and maintains this application.

Date Updated: December 17, 2013

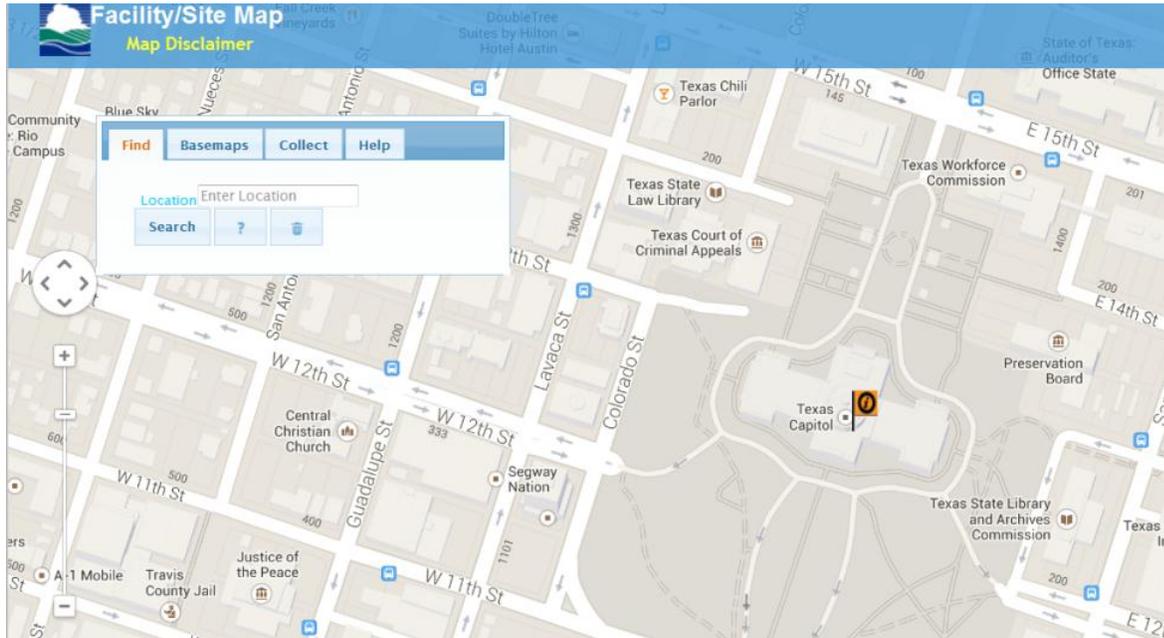
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Initial Screen

When the viewer opens, it displays an interior area of the city of Austin, centered on downtown.

An orange flag indicates the physical location of the Texas State Capitol Building (displayed below in a zoomed-in view).



Banner



The banner at the top of the display presents three links:

Map Disclaimer

If you click on the Map Disclaimer link on the left side of the banner, the following disclaimer appears:

Facility/Site Map DISCLAIMER

The flag on this map marks the latitude and longitude coordinates of a point which is in the general vicinity of the site or facility that is the subject of the application. The flag and the map are only intended to provide a general location of the site or facility and do not necessarily indicate the exact location of the proposed activity or operations described in the application.

When you have completed reading the disclaimer, click on the **Close Window** button to return to the viewer.

TCEQ Home

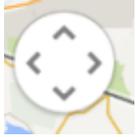
This link is on the right side of the banner. If you click on this link, the [TCEQ Index Page](#) appears. (Note: This link does not open a new window.)

Help

Clicking on this link brings up a PDF version of this User Guide.

Navigation Tools

Basic navigation tools are provided on the left side of the screen.



Pan Tool: Click on the arrows to move the map display in the desired direction.



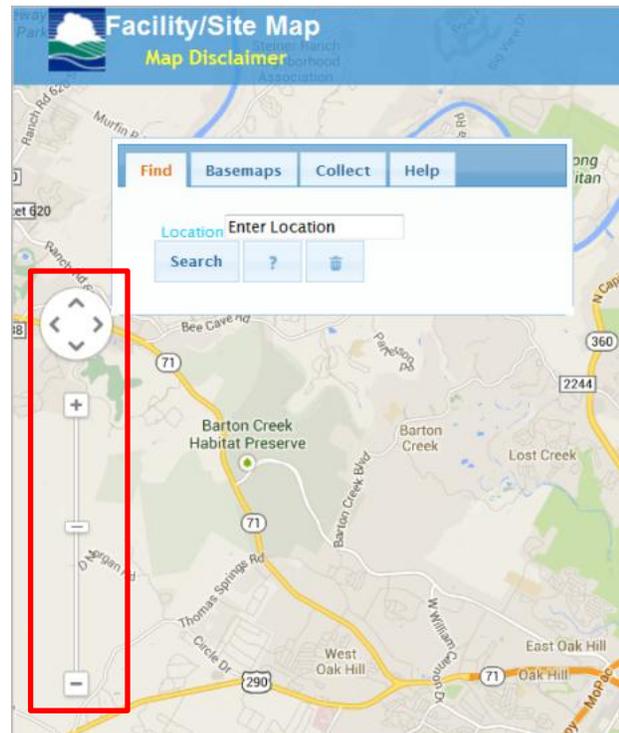
You can also use the hand cursor to click and drag the map view.



The **Zoom In** and **Zoom Out** slider allows you to zoom in on the map to view more detail for a selected area, or zoom out to display a larger geographic area.

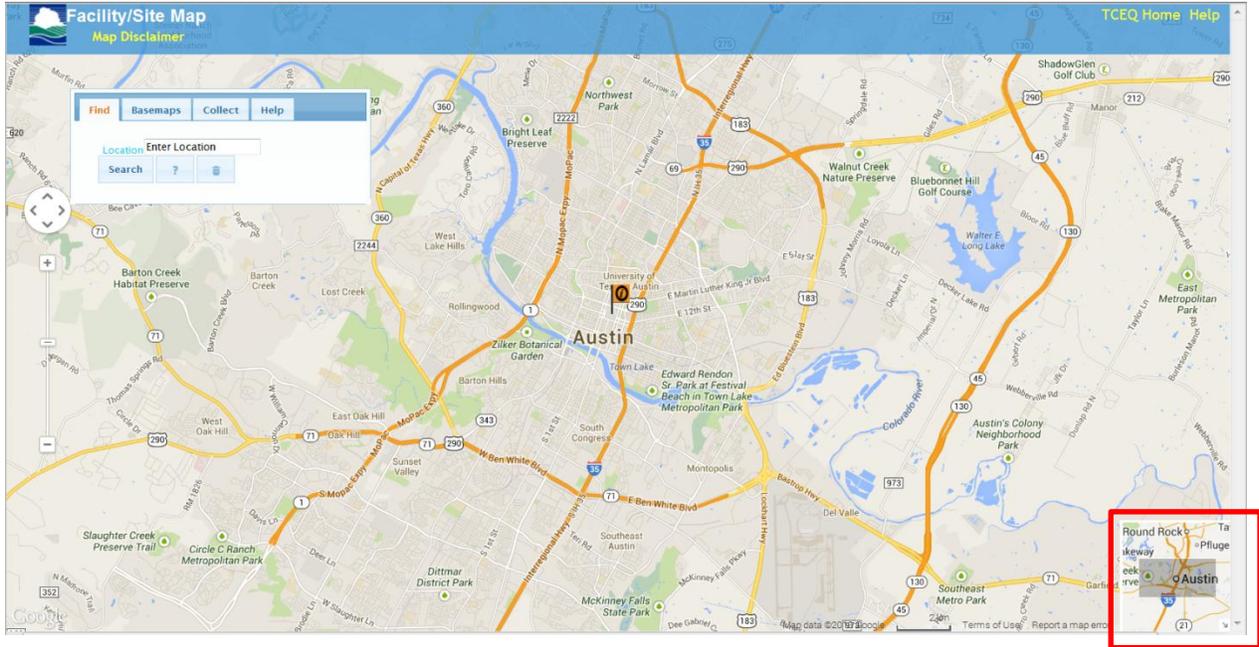
You may either click on the plus (+) or minus (-) sign to zoom in and out for a fixed distance.

You may also manually slide the cursor on the bar up or down to zoom in or out.



Map Extent Window

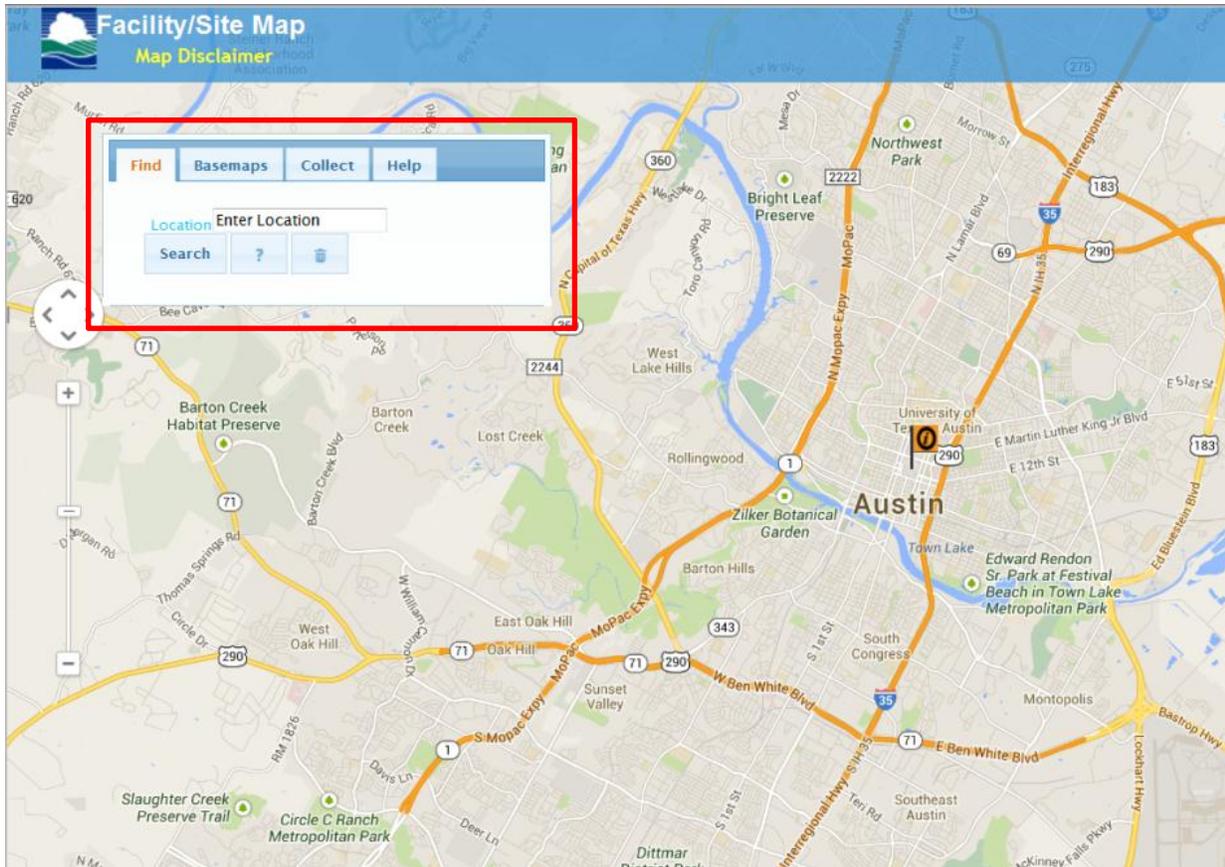
The Map Extent window is located in the lower right hand corner of the display. It displays a larger geographic area than the viewer display. The grey rectangle in the window corresponds to the area represented in the viewer display.



To change the area shown in the viewer display, click on the grey rectangle and drag it to the area of interest.

Functional Tools

The viewer's functional tools are displayed in the upper left hand corner of the viewer, above the navigation tools.



The functional tools window has four tabs:

- **Find**
- **Basemaps**
- **Collect**
- **Help**

Functional Tabs – Find

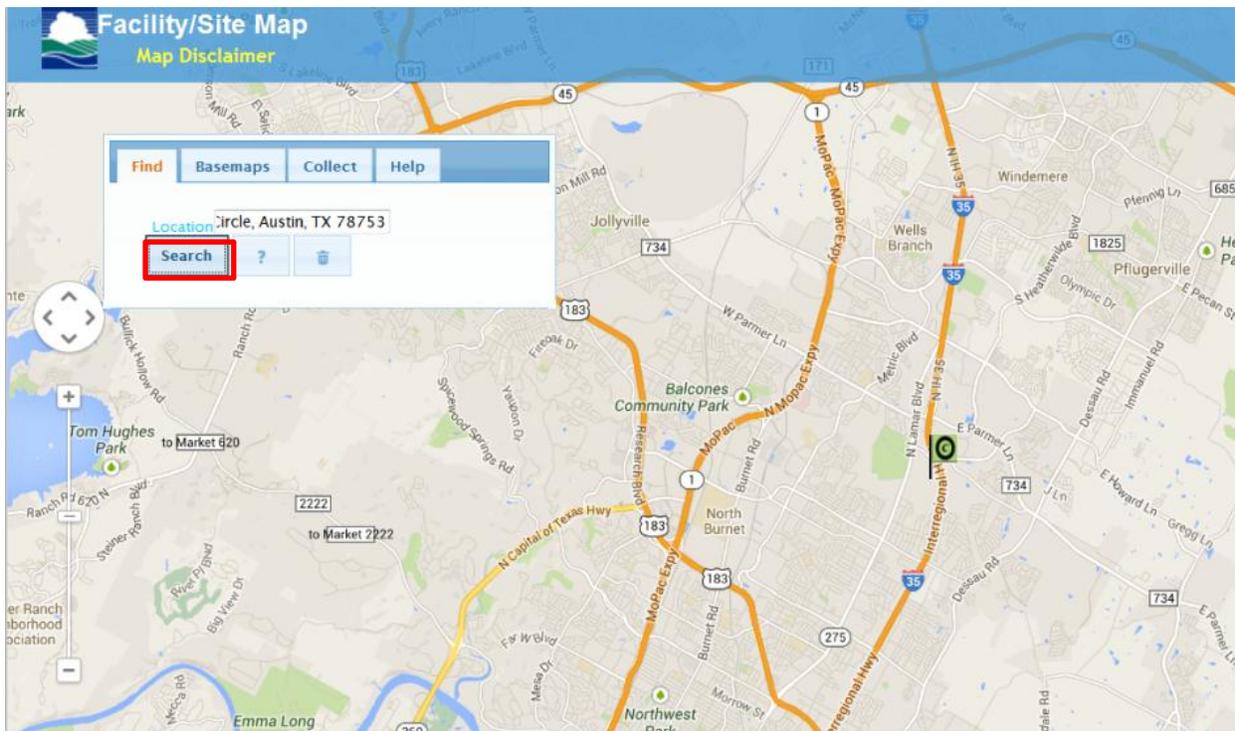
You may use this tool to find physical locations in Texas using multiple criteria:

- **Street address**
- **City name** (e.g. “Austin”)
- **County name** (e.g. “Travis”)
- **Street Intersection** (e.g. “E 45th and Avenue G”)
- **Latitude-Longitude Coordinates** (in decimal degrees or degrees-minutes-seconds, e.g. “30.3941, -97.6751” or “30 23 38.76, -97 40 30.36”)

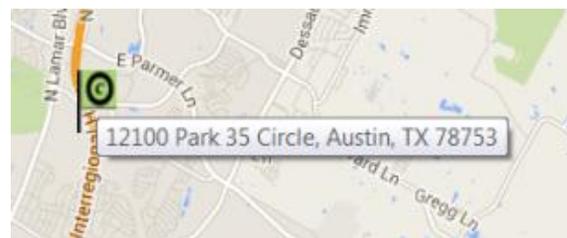
To locate a point or geographical area by street address, enter the street address in the **Location** window.

For example, enter the street address for the TCEQ Park 35 Campus: 12100 Park 35 Circle, Austin, TX 78753. Click on the **Search** button.

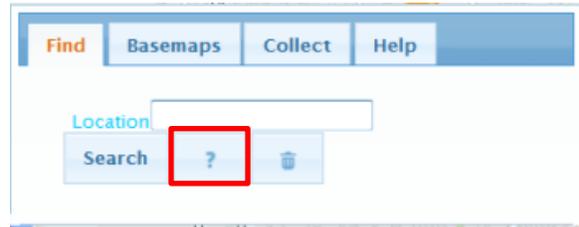
The viewer will place a green flag on the location, as shown below:



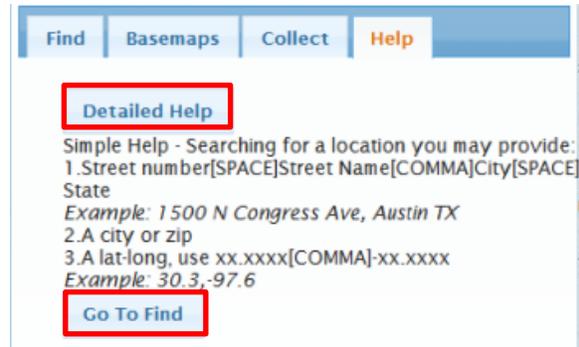
If you move the cursor over the flag, the hand icon will change to an index figure icon, and a banner with the street address will appear.



If you click on the **Help** button, which is designated with a question mark (?), a Simple Help window appears with instructions on how to enter search criteria for finding a geographic location. (The same window appears if you click on the Help tab.)

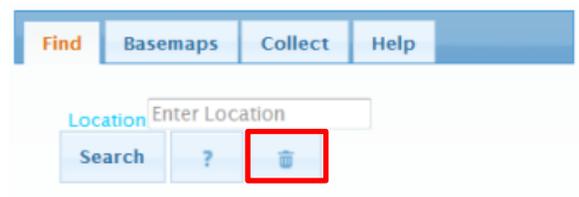


The **Detailed Help** button is presently not functioning; additional content may be added later.



After you finish reviewing the instructions, click on the **Go To Find** button to return to the Find tab.

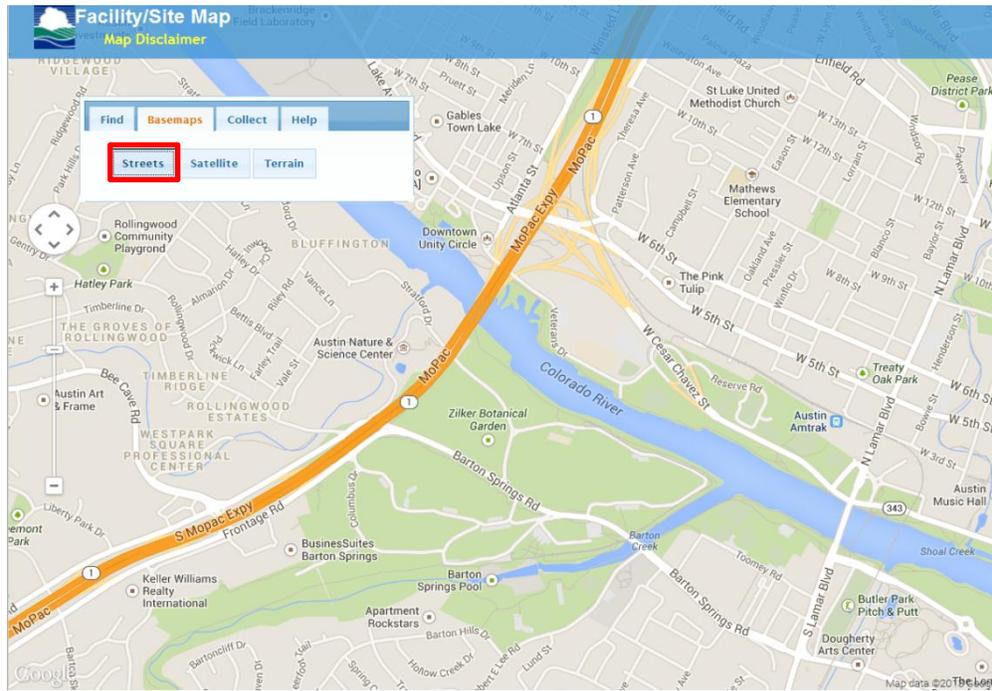
Pressing the **Clear Results** button will remove all flags signifying point locations from the viewer (including the orange flag indicating the Texas State Capitol Building that appears on the initial screen.)



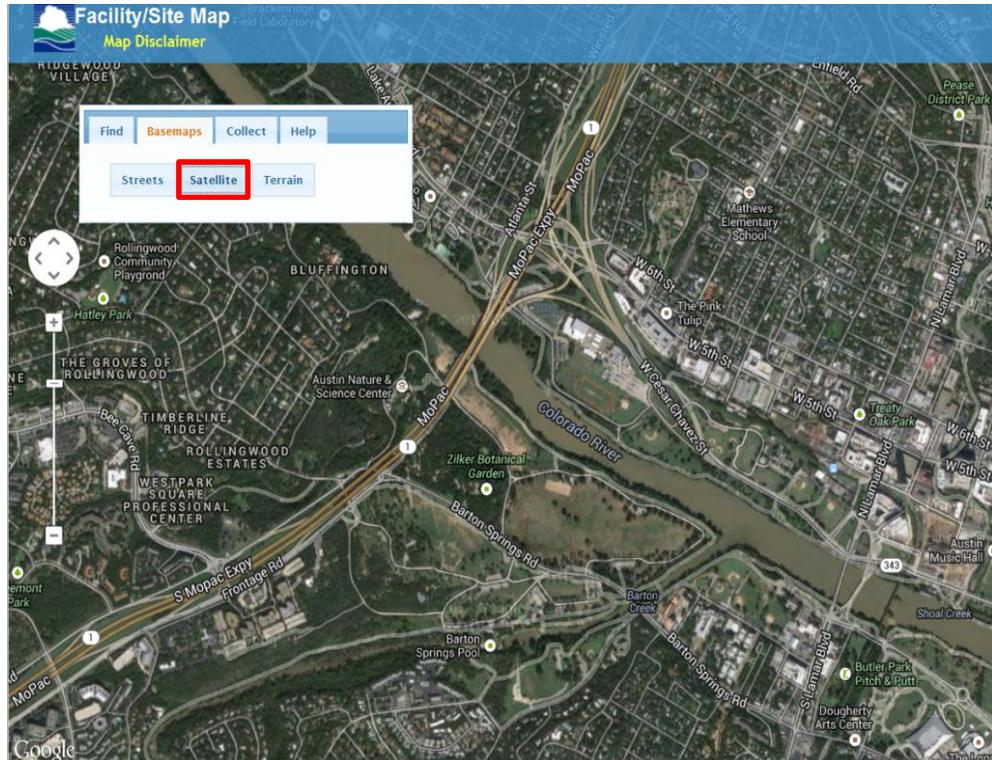
Functional Tabs – Basemaps

The Basemaps tab allows you to choose one of three base maps:

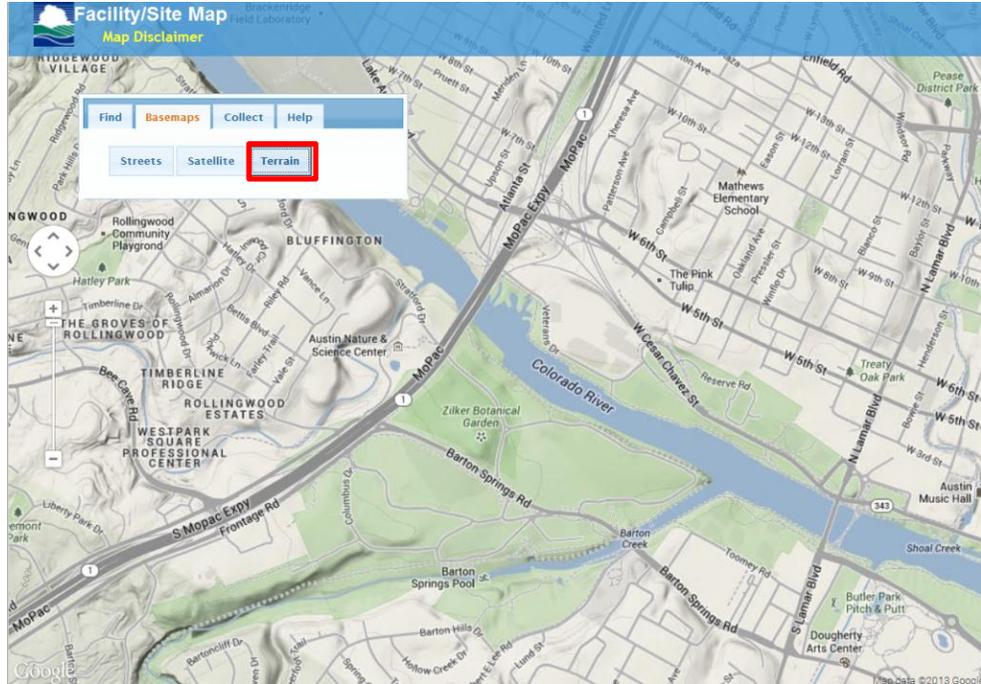
- **Streets**



- **Satellite**



- **Terrain**



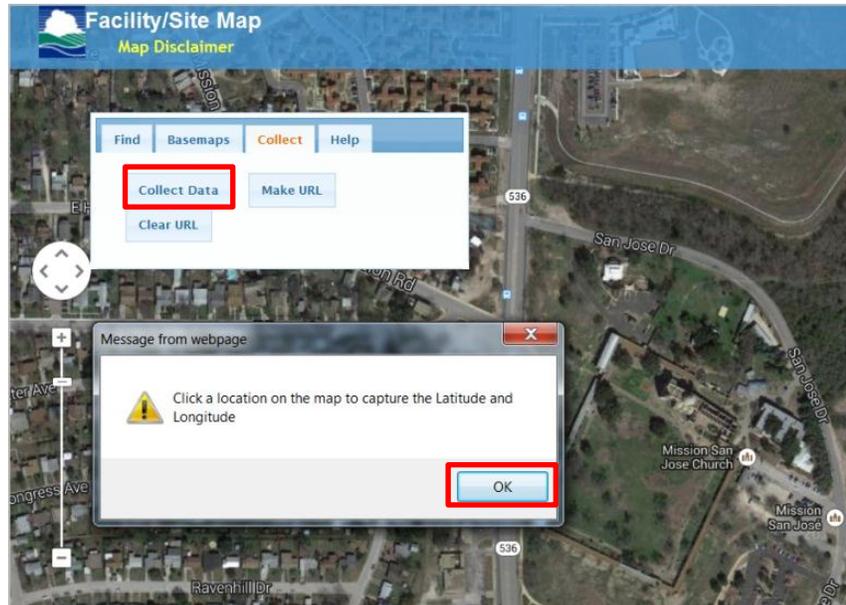
Functional Tabs – Collect

The Collect tab allows you to collect latitude-longitude coordinates for a point location, and (in compliance with HB 610), to create a URL for that location that includes its positional data.

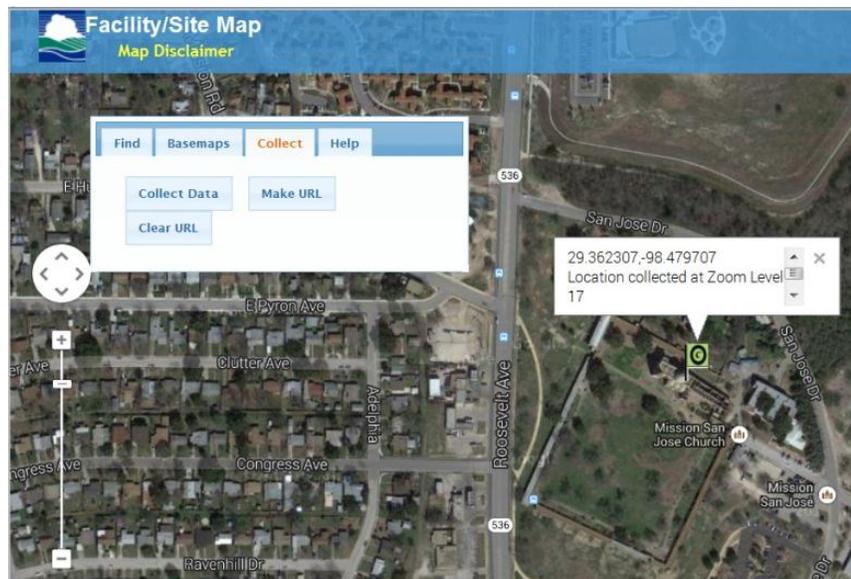
The examples below display the Mission San José in San Antonio with the Satellite base map selected. (Coordinates will be obtained for the crossing: the point where the transept and the nave intersect.)

To obtain a point location:

- Click on the **Collect Data** button. A window with instructions to “Click a location on the map to capture the Latitude and Longitude” will appear.
- Click on the **OK** button. The window will disappear.

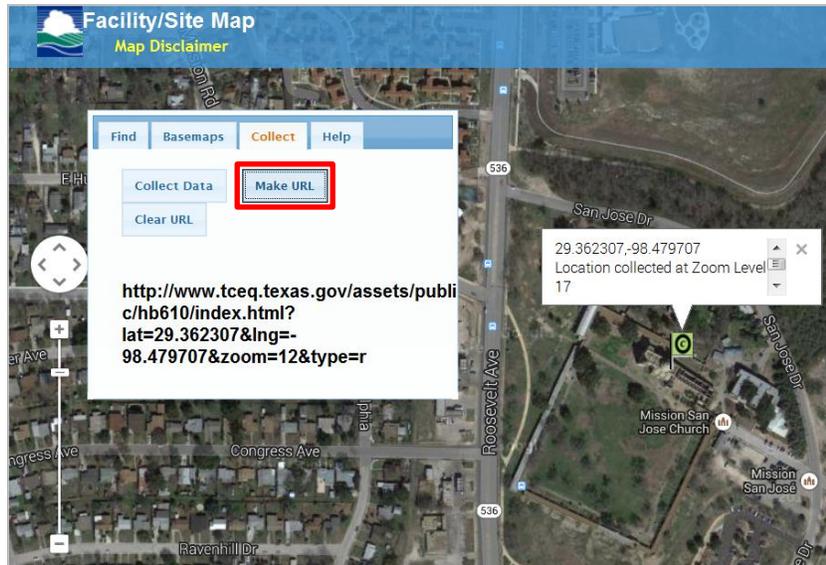


- Place the cursor over the point location of interest and do a left mouse click. A green flag will appear on the point you selected.
- Click on the green flag; a window will appear displaying the latitude-longitude coordinates in decimal degrees.



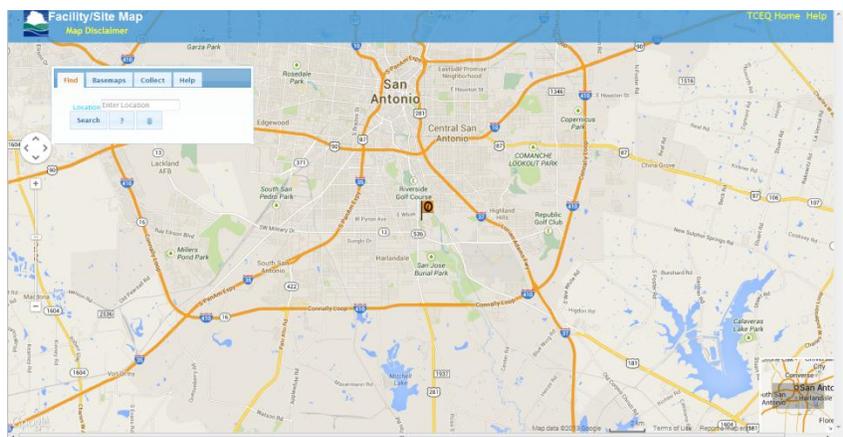
- The window will also display incidental information, such as the zoom level at which you obtained the coordinates, and the map type (r = Street map, h = Satellite, t = Terrain map).
- To save the information in the window, do a left mouse click and swipe the cursor over the text. Hit **Ctrl-C** to copy, then past (or **Ctrl-V**) into a local document for further reference. (In the above example, the text reads: 29.362307,-98.479707 Location collected at Zoom Level 17. Current Map Type is h.)

- To generate a URL for the point location, click on the **Make URL** button. The window will expand to display the URL.



- In the example, the URL is: <http://www.tceq.texas.gov/assets/public/hb610/index.html?lat=29.362307&lng=-98.479707&zoom=12&type=r>

- To test the URL, open a new window in a web browser and enter the URL. The web browser will open to the HB 610 Viewer with an orange flag identifying the location you selected.



- To clear the URL, click on the **Clear URL** button.

Functional Tabs – Help

Clicking on the Help tab brings up a Simple Help window appears with instructions on how to enter search criteria for finding a geographic location. (The same window appears if you click on the Help tab.)

The **Detailed Help** button is presently not functioning; additional content may be added later.

