

Bay ArcGIS FlexViewer – How To...

<http://maps.baycountyfl.gov>

When you visit our site your initial view will contain a splash screen like this below. This screen serves a view purposes. First of all it shows you our GIS disclaimer as well as giving you the opportunity to email our department with any questions, comments, updates or concerns. If you click the 'Agree' button, this will take you directly into our application. The 'Disagree' button will take you back to the Bay County site home. By clicking the 'Bay GIS' button you will be redirected to the GIS on the Bay County site. Our services and this site are being hosted by ROK Technologies and you can visit their site by clicking the 'ROK' button.

By checking the 'Don't show again' check box you will not have to see this splash screen again the next time you visit the site.

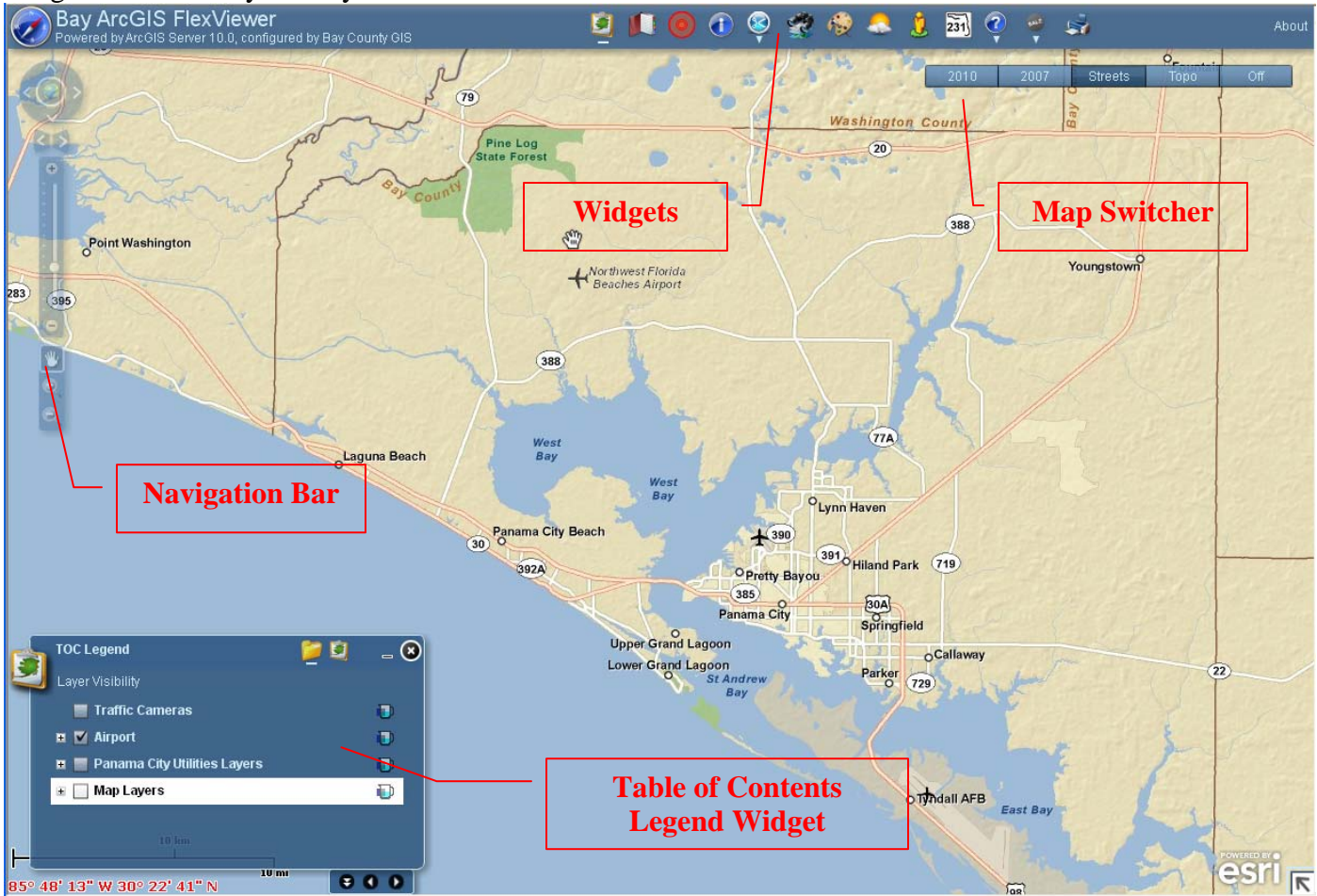
The 'About' tab contains links to sites containing information about the ArcGIS Viewer for Flex, Esri's API for Flex, ROK Technologies, Bay County GIS, Esri

as well as links to the municipalities who support this viewer through inter-local agreements.

The 'Contact' tab in just another way to contact the Bay County GIS Division.



The screen shot below is a picture of the Bay ArcGIS FlexViewer site after closing the splash screen. The great thing about this site and application is we can pull data from many sources out site of our resources. For example the initial view is a service provided by Esri which gives the map service a seamless look and feel. Using the Navigation Bar you have the ability to zoom and pan to areas all over the world. We currently don't have any search functions activated for other parts of the world but it is something we can add to search for things outside of Bay County.



In the upper right corner of the screen you will see what is label as the Map Switcher. This allows you to toggle between different base maps behind the GIS Layers. When you enter the site Streets are activated. You can switch between Streets and Topo (Topological map service). You also have the ability to look at the 2007 aerial data provided by Bing Maps or our own 2010 aerial data. If you choose the 'Off' service, this turns all the basemaps off allowing you to only see the layers you have selected in the TOC Legend or Table of Contents.

The TOC Legend or Table of Contents Legend Widget is what is used to turn on and off GIS layers. You can also view the legend for each layer you have turned on. Be sure to check the box by the group layer for example Map Layers before you check anything in the Map Layers group.



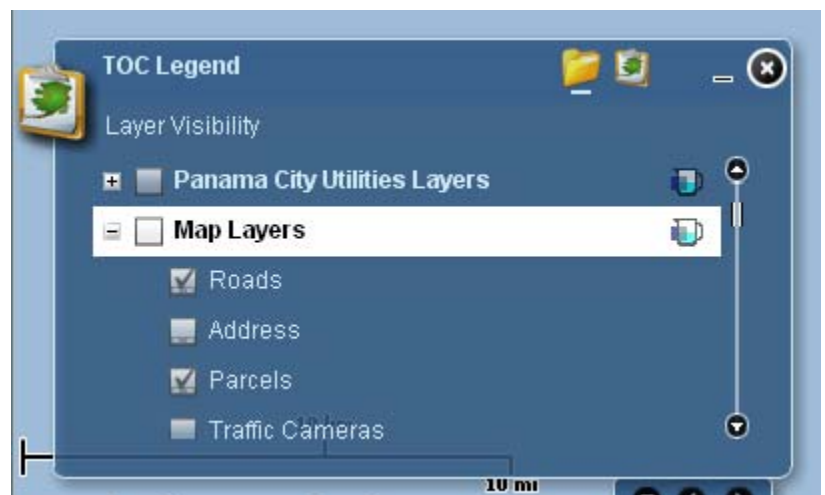
Widgets drive this application. From left to right you have the following widgets available on this site:

1. TOC Legend
2. Bookmarks
3. Geocode Address
4. Identify
5. Data Extraction
 - a. Extract GIS Layers
 - b. Extract PC Utilities
6. Enhanced Search
7. Draw/Measure
8. Weather Underground
9. Street View
10. Driving Directions
11. Locations
 - a. County Buildings
 - b. Fire Stations
 - c. Law Enforcement Stations
 - d. EMS Stations
 - e. Traffic Cameras
 - f. Parks
12. Parcel Sales
 - a. 2011 Parcel Sales
 - b. 2010 Parcel Sales
 - c. 2009 Parcel Sales
 - d. 2008 Parcel Sales
13. Print PDF

TOC Legend

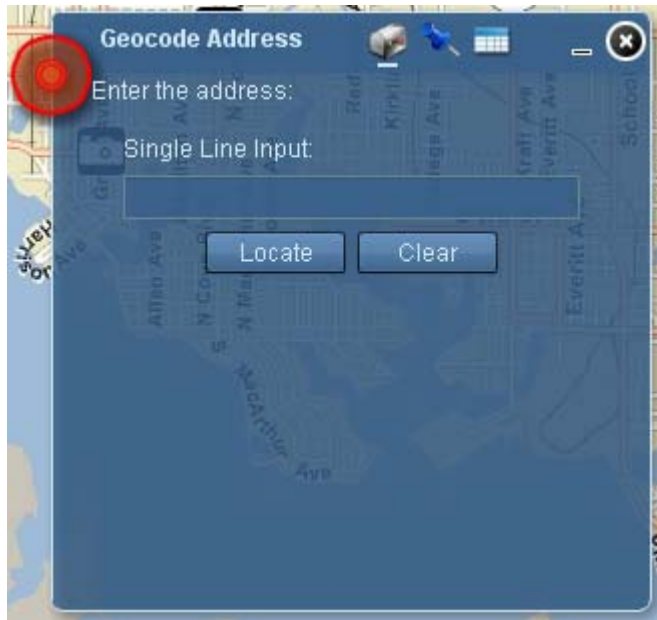
With this widget you are able to turn on all the GIS layers available on this site as well as the symbology associated with them.

(There are other widgets we are looking at so this legend and table of contents may very well change in the future)



Bookmarks

Currently the only bookmarks we have on this application reference the municipal areas. However you have the ability to add your own to the list as well as delete the ones you do add. To add bookmarks click on the book with a green plus sign when you are zoomed to the area you want to create as a bookmark.



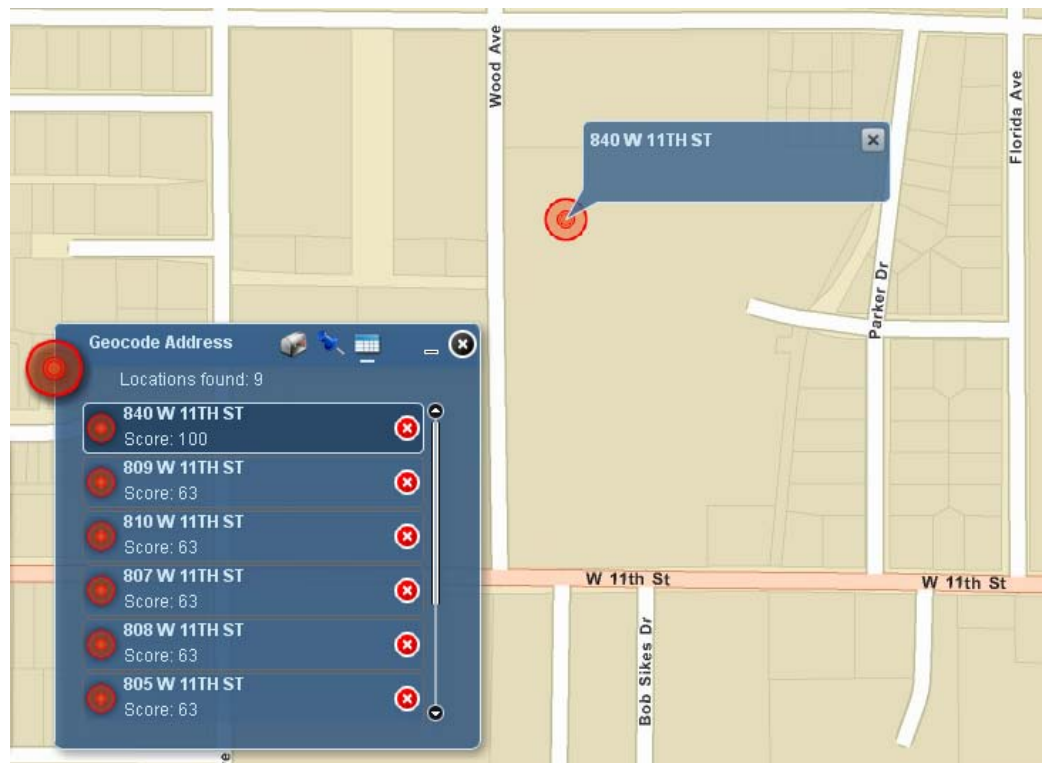
Geocode Address

This application can be used as an address verification of sorts but can also be used to search a location by latitude and longitude coordinates.

When entering in single address type the whole address, for example: 840 W 11th St. Once you click the 'Locate' button it will first search our address point layer. If it is not found in the address point layer it will then search to and from road ranges within the roads layer. The result will give you a list of addresses and a score. The score indicates the accuracy of the search. Results under 60 will not show up.

Identify

This widget allow you to identify certain layers within the map. You can identify features by placing a point on it or drawing a line through it or by selecting features within a rectangle or polygon.



Data Extraction

This is a new tool that allows you to actually extract the data you see. You have the option to select from the two services, Map Layers or Panama City Utilities. Once you select the data for extraction you can save a zipped file to your local computer containing any of the following: file geodatabase, shapefiles, dwgs, dxfs or Microstation files. You no longer have to download all the datasets for each layer and can select the data that lies within your area of interest.

Enhanced Search

Draw/Measure

With this widget you can draw and measure at the same time the following graphics: point, line, freehand line, rectangle, circle, ellipse, polygon, freehand polygon and text. A new feature within this widget is the ability to change the graphic color, style, opacity, outline color, outline width. You will also have the ability to show the measurements for each graphic as well as change the units of measure and fonts. Another feature is the opportunity to save the graphic to your computer by clicking the save button. Once saved you can then email or share this text file and later import it at a later time.

Weather Underground

Street View

This allows you to view Google's Streetview and/or Bing's Bird's Eye View without leaving our site. You have several options on how to view the data and whether or not you want to open it with flex application or within another window. *Special note: This is a free 3rd party application. If there are issues with this we may not be able to do anything about it.*

Driving Directions

Get driving directions for within Bay County, up to 10 locations. *Special note: This is a free 3rd party application. If there are issues with this we may not be able to do anything about it.*

Locations

This group widget allows you to query fire stations, law enforcement stations, EMS stations, parks and traffic cameras.

Parcel Sales

This group widget allows you to query the parcel sales from 2008 to 2011.