

OVERVIEW

The Area of Interest (AOI) Editor Tool within the Environmental Screening Tool (EST) Map Viewer allows a user to define and analyze an area anywhere in Florida to learn more about people, places, and natural resources at that location.

ACCESS THE AOI TOOL

AOI Editor Within the Map Viewer, the *Tools Panel* is displayed on the left-hand side. Click the blue *AOI Editor* label within this panel to expand the tool options. When the tool is expanded, a user can choose to *Create* or *Open* an AOI.

CREATE AN AOI

Create

Click the *Create* button to begin a brand new AOI. Creating a new AOI takes place in the *Tools Panel* on the left-hand side of the Map Viewer.

Enter a name for the AOI in the *Name* field. Select a *Type* using the drop-down. If preferred, add a *Description* in the provided field. *Keep Until* allows the user to select the date at which the AOI will expire.

Name	Test AOI (2) - 01162020
Type	Transit
Description	For demonstration purposes only.
Keep Until	02/15/2020

Next Click the *Next* button to navigate to the next page within the AOI Editor Tool.

Features

Add Feature Click the *Add Feature* button to add a point, line, or polygon to the map. The table below lists the types of features along with a brief overview.

TYPE	FEATURE & OVERVIEW
Point 	<i>Draw Point on Map</i> – Click anywhere on the map to designate a point
	<i>Address</i> – Enter an address or place name
	<i>Lat/Long</i> – Provide the latitude and longitude coordinates
	<i>Roadway & Milepost</i> – Provide the Roadway ID and Milepost location to create a point along the specified roadway at the specified milepost
Line 	<i>Draw Line on Map</i> – Create a line with the ability to have multiple vertices
	<i>Draw Freehand Line on Map</i> – Create a line that follows the movement of your pointer
	<i>Extract from RCI Basemap</i> – Extract portions of roadways from the FDOT basemap
	<i>Roadway & Begin/End Milepost</i> – Provide the Roadway ID and Milepost Begin/End locations
Polygon 	<i>Draw Polygon on Map</i> – Create a polygon with the ability to have multiple vertices
	<i>Draw Freehand Polygon on Map</i> – Create a polygon that follows the movement of your pointer

Editing Features

Once a feature has been completed and added to the map, it will display in the *Features* table in the *AOI Editor Tool*. Features can be renamed and buffer distances adjusted.

Click on a row in the *Features* table or click the feature on the map to display the *Editing* options. A feature can be deleted by clicking the *Delete* button (🗑️). *Lines* and *Polygons* may be split by clicking the *Split* button (✂️) and then drawing a line on the map to define where the line or polygon will be split. You can *Undo* (↶) or *Redo* (↷) an action by clicking the corresponding button.

Analysis Areas

Type	Name	Buffer	Analysis Area
	Feature 1	100 ft	1
	Feature 2	100 ft	1
	Feature 3	100 ft	2

If desired, you can group features together on this screen. Grouped features are analyzed together as a single analysis area and can contain multiple disconnected parts. For example, Features 1 and 2 have been grouped together for *Analysis Area 1*. Feature 3 is identified as *Analysis Area 2*.

Results

Afer running the analysis, the results will be displayed. Reports are listed in the left column and their status is reflected in the right.

Report	Status
Cultural Resources Data Report	Complete
Emergency Response Report	Complete

When the status reflects *Complete*, the report title will be displayed as a blue link. Clicking the report title will open the corresponding report or map.

Back Clicking the *Back* button will navigate the user to the previous page(s) of the AOI Editor Tool.

Close The *Close* button will return the user to the main AOI Editor Tool page.

OPEN AN AOI

Open

Click the *Open* button to display the *Open AOI* dialog. This dialog displays in the middle of the page and not within the *Tools Panel*.

At the top of the dialog, chose the criteria to refine the results. A list of AOIs will be displayed in a table within the dialog.

Load Clicking this button will load and display the AOI on the map.

Results The *Results* button will display the reports and their corresponding status.

Create A *Create* button is also included on the AOI dialog allowing the user to create a brand new AOI.

To close the dialog, click the X icon (✕) in the upper right corner.

GENERAL MAP FUNCTIONS

Zooming: Adjust the map magnification by zooming in (+) or out (-). Clicking the *Home* icon (🏠) will return the map to the state-level view.

Find Address or Place (🔍): Type the address or place in the search bar for the map to navigate to that specific location/point.

Basemap View (🗺️): Display a dropdown list containing the various options for the main basemap view.

NEED HELP?

Help Click the *Help* icon in the upper right of the Map Viewer to display a variety of help topics such as navigation or search tips. Additionally, help videos and quick references documents can be accessed in this section.