**Pima County GIS Viewer Layout**

- **I want to...**
  A menu of shortcuts to frequently-used tools.

- **Search box**
  Find owners, addresses, intersections and more.

- **Toolbar Icon**
  Shows or hides the toolbar when clicked.

- **Scale Bar**
  Represents the scale of the map.

- **Geolocation**
  Locates the user on the map using devices GPS.

- **Map Scale**
  Select a scale for map display.

- **Panel Action Tabs**
  Displays available actions for certain tasks.

- **Action Tabs**
  Toggle tabs for tasks like Layer List, Query Result and Printing.

- **Close Action Tabs**
  Hide actions tasks tabs.
Map Layers

The Layers list. Use the checkboxes to show or hide layers. Map layers will become (un)available at certain map scales. Zoom in closer or zoom out to view the layer. Click the + next to a group name to see layers inside. Legend symbols are displayed next to their layers. Click or tap the Show Legend button to view the legend for all visible map layers.

Filter Map Layers

Map layers can be filtered by entering full or partial layer names in the filter layer box.
**Tool Bar**

*Desktop, Tablet, Phone*

Show the toolbar. Click the tools icon to display the toolbar.

Use the ‘x’ next to the Tool Labels toggle to hide the tool bar.

**Searching**

*Desktop, Tablet, Phone*

Use the Search box to find features on the map. You can search for features such as Addresses, Street Intersection, Parcel #, Owners, TRS and more.

**Tools**

*Desktop, Tablet, Phone*

PimaMaps has a context-sensitive user interface, in that the user can get assistance by interacting with the application, e.g. hovering over or activating map tools and controls will display instructions next to the tool.

Mouse over the tool to display function.

Activating map tools will display instructions at the top of the map.

Toggle tool labels on and off.

The Map Navigation tab allows you to easily pan and zoom to the desired area and extent. Preset Bookmarks allow quick access to commonly referenced areas. Users can set their own Bookmarks as well.
**Printing a Map**

*Desktop, Tablet, Phone*

PimaMaps allows you to print custom maps. You can print maps with the currently displayed layers, drawings and measurements. The Print Map window allows you to select the layout, resolution, map scale, output format, and add your own title and notes.

**Sharing the map**

*Desktop, Tablet, Phone*

This tool creates a web link to the map so you can share via email or social media.

**Export Map**

*Desktop, Tablet, Phone*

This tool exports the map as an image either a .png, .bmp, .jpg, .tiff, .pdf or geotiff format. Select the format you want and where to save the image.
Identifying Features in the Query Data Tab

These interactive selection tools are used to identify features contained within the layers of the map. Simply select the tool, click or draw on the map. Layers must be marked visible in the Layer Panel to return results. Activating certain tools will open additional options, such as buffer, adding or removing results, and snapping.

The selected map features results will be displayed in the Information Panel and highlighted on the map. Several options are available in the Action Panel Menu for working with the results.

Map display of results will vary based on the selection layer, and on the tool used.

Point results were returned here because the selection was in the Public Service layer, which contains address points. Click on result of each type to view details.

Polygon results were returned here because the selection was made in the Parcel Layer, which contains parcel shapes. There are multiple pages of results. Only the first page will be highlighted on the map.
Attribute Queries

The Query builder tool lets you select map features in a single layer that match your criteria.

1. The Data Source is the layer you want to find attributes within. Click the dropdown to view available layers.
2. You can search the full map or the current extent in the Map Area dropdown.
3. Use this dropdown to select the available attribute you want to search.
4. Select Operator from dropdown to set the type of search within the selected attribute field.
5. Click this box to view a dropdown list of available query terms.
6. Click Search button. Results will appear in the information panel and be highlighted in the map. Click on the results in the panel for more information.

Map display of results will vary based on the Data Source. If the Data Source layer contains address points, points will be displayed. If the Data Source contains boundaries, as below, a polygon will be displayed.
Filtering display of map features

*Desktop, Tablet, Phone*

The Filter builder tool can be used to exclude data that you are not interested in on a layer. This can be helpful with complex layers and reduce amount of data on the map.

Plotting Coordinates

*Desktop, Tablet, Phone*

Plot Coordinates allows you to click on the map and get coordinates or to enter coordinates and have it add a callout on the map. Unit options: DD, DMS, DDM and State Plane.

Linked Maps

*Desktop, Tablet*

In the Reporting and External Data tab, this tool opens external map views from Pictometry, Google Maps, and Google Street View of the same area you are seeing in PimaMaps.

Add Data to the Map

*Desktop*

Accessed in the Reporting and External Data tab. Customize your map by uploading layers from your computer. Supported formats include: .csv, .xlsx, .kml, .shp or .gpx.
Measurement Tools

*Desktop, Tablet, Phone*

You can measure lines and areas. As you draw shapes on the map, distance and area are automatically calculated. Use the Line Tool dropdown to access advanced measurement options, including multiple shapes, snapping and unit of measurement options.

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Drawing on the Map

*Desktop, Tablet, Phone*

The Drawing tools provide tools to add points, lines, polygons and text to the map. Activating a tool will open advanced options, such as snapping and style selection. Map drawings can be modified with the Edit Tool.
Pima County GIS Viewer Tools

Need help or have a question?
Send an email to the PimaMaps team about any issues or questions you might have.

Mouse Coordinates
Desktop
This tool lets you show or hide and change the map coordinates of your mouse cursor.

I want to...
Desktop, Tablet, Phone
This menu contains common tasks such as, showing the map layer list, identifying map features, printing a map and more.

Right Click menu
Desktop, Tablet, Phone
If you right click on the map this menu will appear. It contains a couple of shortcuts to some commonly used tools.
**Geolocation**  
*Tablet, Phone*

Geolocation locates the user on the map. This requires that you have location services enabled on your mobile device.

**Scale**  
*Desktop, Tablet, Phone*

Use this tool select a scale of the map area.

Scale 1: 24,000

**Overview map**  
*Desktop, Tablet*

Use the overview map window to see the current area of the map you looking at relative to the entire county. You can also use the blue rectangle to pan around the map.