

Right of Way Mapping and Monitoring ArcGIS Online User Tips

Common GIS Layers

Common GIS Layers include roads, railroads, airport runways, navigable waters, state boundary, county boundaries, municipal boundaries, MnDOT districts, civil boundaries, congressional and civil township boundaries, state parks, military reservations, Indian reservation land, national forests, national parks, streams, lakes.

Available Layers from the Minnesota Department of Transportation (ROW=Right of Way)

- ROW Footprints (vector – DGN, PDF)
- ROW Footprints (raster – TIF, PDF)
- ROW Plat Footprints
- ROW Graphic Commissioner Order Footprints
- ROW Railroad Footprints (Railroad Valuation Maps)
- ROW Railroad Station Plats
- ROW Lines (ROW Limits – Boundary Lines)
- Map Status (Status of Map Publication)

Using the Search Tool in the Right of Way Mapping and Monitoring Banner

When using the Search tool, click on the down arrow to view a list of categories that can be searched upon. Click on the category of interest and hover over the data entry area to see an example of how to enter an item. The tool is case sensitive for the vector, raster and rail footprints. It is not case sensitive for the civil townships.

Using the Search Tool versus Using the Query Tool

The Search tool in the Right of Way Mapping and Monitoring banner zooms to one footprint within a map roll. The resulting dropdown list of footprints will allow for the selecting of the other footprints within the map roll, one at a time. The Query tool zooms to the entire map roll. The individual footprints can then be selected from the Query tool window. The Query tool window can be moved from the original pop-up location.

Pop-up Windows Associated with the Various Tools

The pop-up windows that display as a result of making a selection in relation to the use of the tools along the bottom of the screen, cannot be moved from the original pop-up location. A marker can be placed at any location, however, allowing the viewing of any maps that happen to be underneath the pop-up window. In order to place a marker, click the three dots located on the lower right corner of any pop-up window. Click “Add a marker” from the resulting drop-down and a marker will be placed at the location of the pop-up window arrowhead. Note: The pop-up window is no longer viewable once the marker is placed.