



Katalog

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Configuring the Snow Route Map

The Snow Route map on the Katalog app allows your citizens to easily look up whether a property parcel has been addressed. This document describes how to configure this map so that it will be visible in your community’s map list and function properly.

Required Layers

This map requires only one layer to be configured in your **Layer Table**:

- **Snow Route** - This is a line feature layer that represents the streets maintained by your city or county. The features are color-coded by their current status. When the layer is published, it should include the style and labeling that you want to appear when the map is loaded in the Katalog app. In the **Layer Table** entry for the snow route layer, you need to include a value for the **Search Field** attribute. This needs to be a text field in your snow route layer that signifies the current snow coverage status for that stretch of road (i.e. “Covered”, “Partly Covered”, etc.). You’ll also need to enter a value for the **Configuration Table** attribute so that the map legend can be added. The configuration table setting is explained later in this document.

Layer Table Configuration

The image below shows an example of how to fill out the **Layer Table** for the snow route layer. The name of the layer is selected in the dropdown for the Layer attribute. The URL attribute is populated with the REST endpoint URL for each layer. The **Search Field** attribute is populated with the status field. The Configuration Table attribute can be left blank for both layers. The **Configuration Table** value is the REST endpoint URL for the table that specifies the color for each snow route status.

Layer	URL	SearchField	ConfigurationTable
Snow Route	https://services8.arcgis.com/1c8ulACZfrv7Y11/arcgis/rest/services/SnowRoutes_Demo/FeatureServe	STATUS	https://services8.arcgis.com/1c8ulACZ

Editing of the Layer Table in ArcGIS Pro. ArcGIS Pro is a trademark of Esri. (esri.com)

Popup Table Configuration

Use the **Popup Table** to configure which attributes will show up for a segment of road when it is clicked by the user. Use the dropdown for the layer attribute to select the snow route layer. Enter in the name of the field in the fieldName column. Lastly, in the label column, enter in how you want that value to be labeled in the popup. The image below shows an example of a configuration for the snow route layer popup fields.



layer	fieldName	label
Snow Route	STRNAME	Street Name
Snow Route	STATUS	Current Status
Snow Route	CURRENT_	Current As Of

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Snow Route Configuration Table

As mentioned above in the **Layer Table** configuration, the snow route layer requires an associated configuration table. You can download a zipped file geodatabase with the appropriate table schema [here](#). This geodatabase contains several tables. You will want to use the one titled SnowRoutes. Here is an explanation of the different attributes in this table:

- **Code** - This column stores the different route statuses in your snow route layer. This corresponds to the different values in the **Search Field** attribute of the snow route layer.
- **Red, Green, Blue** - These are integer values that store the Red, Green, and Blue values of the color your snow route status symbology uses. Each value will be between 0 and 255.
- **Label** - This is the textual description of the route status that will be displayed on the map legend next to each color.

After you have entered in all of the values for the **Snow Route Configuration Table**, you will publish it as a hosted table just like the layer and popup tables. Make sure that the published table is viewable to everyone. Below is an example of a **Snow Route Configuration Table** that has been filled out.

Code	Red	Green	Blue	Label
Clear	85	255	0	Clear
Mostly Clear	115	223	255	Mostly Clear
Partly Covered	169	0	230	Partly Covered
Covered	0	9	222	Covered
Closed	255	0	0	Closed

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