**Overview of Source Data Backup Notebooks**

This directory contains the following:

1. Macomb\_bridge\_backup.ipynb
2. Macomb\_pavement\_backup.ipynb

#### Macomb\_bridge\_backup.ipynb

This notebook is used for copying *MDOT Bridge Condition Expor*t data into the Macomb Portal. This is source data that is not modified in any way. As of August 2021, the information below is accurate.

* MDOT bridge service Open Data URL <https://gis-mdot.opendata.arcgis.com/datasets/bridgeconditionexport/explore?location=44.589006%2C-86.419237%2C7.83>
* ArcGIS Online Item Details: <https://hntbcorp.maps.arcgis.com/home/item.html?id=4b702058540945aa81286f47c376eb8c>
* Service URL <https://services2.arcgis.com/67lKNkQ2TO1I3lhR/ArcGIS/rest/services/BridgeConditionExport/FeatureServer>

#### Macomb\_pavement\_backup.ipynb

This notebook can be used to copy source data (SEMCOG Pavement Condition) to the Macomb Portal. Although SEMCOG requires a formal request to download this data (as shapefile or Roadsoft), it is possible to copy the data from their public Pavement Condition ArcGIS Feature Service.

Data transfer would normally be done with a simple clone (as with the Bridge backup notebook), but due to technical issues with the ArcGIS API for Python library an alternative workflow is used to produce the intended result.

Note: Only data for County Code 99 is downloaded.

As of August 2021, the information below is accurate:

* SEMCOG Data Description: <https://semcog.org/pavement>
* ArcGIS Online Item Details: <https://www.arcgis.com/home/item.html?id=d036ec526425465491b491403b656360>
* Service URL: <https://services1.arcgis.com/xUx8EjNc6egUPYWh/arcgis/rest/services/Pavement_Condition/FeatureServer>