



About SCWF Interactive Web Map

The Small Cell Wireless Facilities (“SCWF”) Interactive Map was developed with the end-user in mind. Very similar to other ArcGIS maps out there, however, this map is specifically for small cells in the City of Ann Arbor. What is a small cell? A low-powered cellular site capable of delivering high transmission speeds to smaller and densified areas where a traditional cellular tower cannot. Although they are called “**small**,” this is in reference to their **small** coverage area, not their physical size.

Purpose

This SCWF Interactive Map was developed as an additional tool to our small cell design guidelines. The purpose of this map is to establish general standards, consistent with all applicable state and federal laws, for colocation, SCWF placement and identifying all the districts with the City of Ann Arbor and associated design types.

This guidance is intended for wireless providers, wireless infrastructure providers, utility franchise holders, owners of small cell facilities and any applicant or person seeking a permit for a small cell installation in Ann Arbor.

Some of the ways you can interact with this map include:




1. Identify all City district boundaries (these layers can be turn on and off)
 - a. DDA (Downtown)
 - b. Historic
 - c. Residential
 - d. Commercial, and more.
2. Search for specific city-owned and non-city-owned assets for colocation and/or replacement.
 - a. Traffic poles
 - b. Street lights
3. Identify utility poles (not all assets are shown).
4. Identify how many existing applications are in the system for a specific city-owned asset.
5. Identify existing SCWF collocated on city-owned asset.
6. Identify 3rd party owned small cell assets.
7. Identify city-owned assets that have current or forecasted Capital Improvement Projects.
8. Display additional information about the attributes for each city-owned assets.
9. Display the 75’feet radius buffer (per ACT365) on each city-owned traffic signal.
10. Display a 2018 aerial/birds eye color layer.
11. Print and create reports on features and information contained within the map.
12. Share your map with others.

This map functions similarly to most other web ArcGIS maps found online. These functions include:

1. Use the mouse scroll wheel to zoom in/zoom out (or the +/- buttons in the top-left corner)
2. Click and hold the left mouse button, then drag the mouse to pan across the map
3. Clicking on any asset (eg, streetlights) will bring a popup box with additional information about that asset
4. The background aerial image is flat and does not support either 3D-viewing or Street View.



Some additional tools are provided beyond the scope of many web maps.

1.  "**Legend**" widget opens a panel that provides information about the symbology of the map.
2.  "**Layer List**" widget opens a panel that allows the user to toggle each layer on/off.
3.  "**Measurement**" widget allows the user to measure both distance and area.

Below is a glossary of helpful terms to know when navigating this web portal.

1. **SCWF** - Small Cell Wireless Facilities
2. **ACTIVE PERMIT APPLICATIONS** - Applications that are in our eTrakit permitting
3. **EXISTING SCWF** - Any SCWF that construction is complete and/or is live
4. **UNAVAILABLE** - This pertains to all city-owned traffic signals that are not available to house SCWF due to future CIP needs.
5. **EXISTING CARRIER** - Wireless service provided that has an existing SCWF or has an active application ("Carrier 1/2/3" identifies the number of carriers in same location)
6. **RELATED POLE OWNER** - 3rd party pole/infrastructure owner
7. **CAPACITY** - Identify if city-owned structures has capacity or not for additional SCWF loading
8. **PLANNED CIP** - Identifies if there is an existing or forecasted capital improvement project
9. **ACT 51 STREETS** - Road classifications and ownership information as defined by MDOT Act 51