

Determine Small Cell Light Fixture Requirement

As cellular companies and their contractors receive permits to install Small-Cell poles, the question has been posed: **"How can we find out what light fixture is required?"**

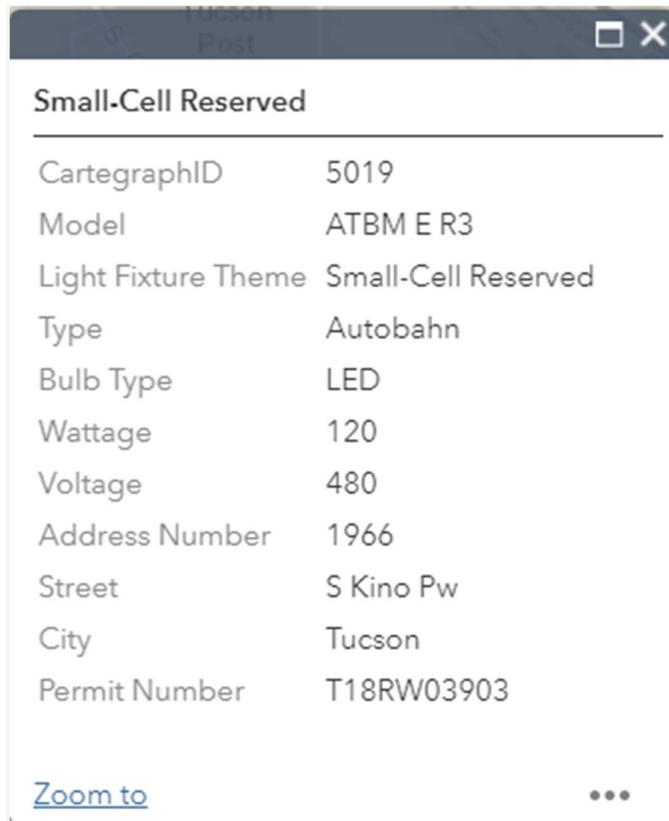
This information is provided on the "City of Tucson Streetlights" map. The link to this map is found on the "Small Wireless Resources" web page: <https://www.tucsonaz.gov/tdot/small-wireless-facilities-resources>
Scroll down until you find the following: [City of Tucson Streetlights Map](#)

This link takes you to the map:

<https://cotgis.maps.arcgis.com/apps/webappviewer/index.html?id=d45c82cab6ac43a4b16e85cff7c0767e>

How to determine what light fixture is required on SWF pole:

1. From the "City of Tucson Streetlights" map, locate your subject pole.
2. Click on the symbol of the subject pole. If pole had been previously reserved it will a **red-circled** symbol.
3. The fixture model, wattage, voltage, Permit Number, address, etc. is provided in the pop-up display (see example below)



Small-Cell Reserved	
CartegraphID	5019
Model	ATBM E R3
Light Fixture Theme	Small-Cell Reserved
Type	Autobahn
Bulb Type	LED
Wattage	120
Voltage	480
Address Number	1966
Street	S Kino Pw
City	Tucson
Permit Number	T18RW03903

[Zoom to](#) ...

Lighting manufacturers continue to upgrade their lighting fixtures. It is possible for an existing fixture to no longer be available when ordered.

Additionally, the time between plan submittal, permit issuance, and when the contractors order lights is an unknown. Therefore, the exact light fixture cannot be 100% determined from this webpage at the time of plan preparation or when the permit is issued.

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Issued permits state:

- POLE REMOVAL AND PLACEMENT MUST BE COORDINATED WITH THE TDOT ELECTRIC SHOP.
- YOU SHALL CALL CITY OF TUCSON DOT INSPECTOR TO ARRANGE A PRECONSTRUCTION MEETING

Current permits list: INSPECTOR ROBERT STINEMAN [date] Phone: [520-484-4067](tel:520-484-4067)

Robert Stineman is the primary contact for the TDOT ELECTRIC SHOP (but always refer to the permit for the contact person as personnel may change over time)

Use this contact to confirm the fixture required.

ROAM node is required?

The City has two types of street light poles: Decorative (e.g. globes, pendants) and the more traditional tall streetlights with arms holding the light fixture.

Currently all existing "traditional" street lights are equipped with a ROAM node.

Replacement of ROAM node equipped street lights also requires the SWF contractor to purchase and install a ROAM node.

These ROAM nodes are dependent on the voltage powering the light.

Please use the TDOT ELECTRIC SHOP contact to confirm the ROAM node required.

New SWF poles (not replacing an existing street light) ROAM node required?

For any permitted SWF poles that do not replace an existing traditional street light pole, a ROAM node or a Photo-Cell will be required.

Again, please contact TDOT ELECTRIC SHOP contact to confirm what is required.