

CITY OF WATKINS

SMALL WIRELESS FACILITY DESIGN GUIDELINES

All street light fixtures and poles installed in conjunction with small cell wireless facility equipment within the City of Watkins shall be reviewed and approved by Public Works prior to installation. This includes approval of wireless facility equipment installed on City owned street lights, as well as privately owned street lights, and street lights owned by Xcel Energy and Meeker Cooperative Light and Power.

A small cell wireless facility permit shall be required for installations within the public right of way, and collocation agreements are required for each small cell wireless facility proposed on City of Watkins owned infrastructure.

Street light fixtures and poles installed to accommodate small cell wireless facility equipment shall be uniform and consistent in both color and appearance with existing City of Watkins street light infrastructure. When a permit application is received, the City shall work with the applicant to provide information on the type of pole, fixture, mounting, and base desired for requested locations(s). The applicant shall be required to furnish a replacement pole as deemed necessary by the City where the requirements as such shall be identified in the collocation agreement.

The City of Watkins shall not allow small cell wireless facility equipment to be installed on City owned and maintained decorative street lights.

The City of Watkins reserves the right to reject any street light fixture proposed to be City owned and maintained and installed in conjunction with small cell wireless facility equipment based solely on appearance and consistency with existing City owned equipment and maintenance capabilities.

AESTHETIC REQUIREMENTS FOR SMALL WIRELESS FACILITIES

ANTENNAS

1. Each small wireless antenna shall be located entirely within a shroud or canister type enclosure.
2. The diameter of the antenna enclosure at its widest point should not be wider than two times the diameter of the top of the wireless support structure. The enclosure shall not exceed six cubic feet in volume.
3. All antenna enclosures shall either be mounted to the top of the wireless support structure pole and aligned with the centerline of the wireless support structure, or mounted to the side of the wireless support structure such that the vertical centerline of the antenna enclosure shall be parallel with the wireless support structure with the height of the side mounted antenna being at a location on the wireless support structure noted in the application and approved by the City, but at least 10 feet above ground level at its lowest point.
4. Tree "topping" or the improper pruning of trees is prohibited. Any proposed pruning or removal of trees, shrubs or other landscaping already existing in the ROW must be noted in the application and must be approved by the City.

CABLES AND WIRES

1. All cables, wires and connectors related to the small wireless facility must be fully concealed on the wireless support structure and shall match the color of the wireless support structure. There shall be no external cables and wires related to the small wireless facility hanging off or otherwise exposed on the wireless support structure.

EQUIPMENT ENCLOSURES/CONCEALMENT

1. Equipment enclosures, including electric meters, shall be as small as possible, but in no event larger than 28 cubic feet in volume. Ground-mounted equipment shall incorporate concealment elements into the proposed design matching color and materials of the wireless support structure, unless other materials or colors are approved by the City. Concealment may include, but shall not be limited to, landscaping, strategic placement in less obtrusive locations and placement within existing or replacement street furniture.
2. Radio equipment shall be fully enclosed within an equipment cabinet or concealed within the antenna shroud enclosure matching the color and materials of the wireless support structure, unless other materials or colors are approved by the City.
3. Landscaping concealing equipment enclosures shall be planted in such quantity and size such that 100% screening is achieved within two years of installation.

SIGNAGE/LOGOS/LIGHTS/DECALS/COOLING FANS

1. Signage: The small wireless facility operator/permittee shall post its name, location identifying information, and emergency telephone number in an area on the cabinet of the small cell facility that is visible to the public. Signage required under this section shall not exceed 4 inches x 6 inches, unless otherwise required by law (e.g. RF ground notification signs) or the City. If no cabinet exists, the signage shall be placed at the base of the pole.
2. Lights: New small wireless facilities and wireless support structures shall not be illuminated, except in accord with state or federal regulations, or unless illumination is integral to the camouflaging strategy such as design intended to look like a street light pole.
3. Logos/Decals: The small wireless facility operator/permittee shall remove or paint over unnecessary equipment manufacturer decals. The color shall match or shall be as approved by the City. Small wireless facilities and wireless support structures shall not include advertisements and may only display information required by a federal, state or local agency. The small wireless facility operator/permittee shall utilize the smallest and lowest visibility radio-frequency (RF) warning sticker required by government or electric utility regulations. Placement of the RF sticker shall be as close to the antenna as possible.
4. Cooling Fans: In residential areas, the small wireless facility operator/permittee shall use a passive cooling system. In the event that a fan is needed, the small wireless facility operator/permittee shall use a cooling fan with a low noise profile.