



Request for Council Action

TO: Mayor and City Council
THROUGH: Tim Murray, City Administrator
FROM: Travis Block, Public Works Director
MEETING DATE: April 9, 2019
SUBJECT: Adopt Small Cell Wireless Facility Aesthetics Policy

Background:

The Federal Communication Commission (FCC) has recently adopted an order pertaining to 5G wireless technology. The FCC order requires cities to publish aesthetic requirements for small cell wireless facility installations within 180 days of publication of the order. The deadline date for publishing the aesthetic requirements is April 15, 2019. If a city fails to adopt and publish small cell aesthetic requirements by April 15, it may lose the ability to impose aesthetic standards on telecommunication users who deploy small wireless facilities.

The adoption of a policy by the City Council establishing small cell aesthetic standards would meet the requirements of the FCC order. The policy can be amended in the future to meet the City's needs. The policy, a copy of which is attached, will be posted on the City website.

Recommendation:

Adopt Small Cell Wireless Facility Aesthetics Policy

Attachments:

- Policy

**CITY OF FARIBAULT
PUBLIC RIGHT OF WAY
Small Wireless Facility Aesthetic Requirements and Construction Criteria**

The installation or attachment of an antenna or other wireless communications equipment utilizing small cell technology (the “wireless equipment”) to poles in the City of Faribault shall be subject to the criteria set forth below. In some cases, the existing pole may require replacement with a new combination pole that can accommodate the equipment proposed to be attached and the street light luminaire, signal head/mast arm or other appurtenances (the “replacement pole”). If an existing pole is proposed to be utilized for attachment, detailed engineering calculations shall be submitted by a Licensed Professional Engineer showing that the pole can accommodate the additional loads.

A. Pole Criteria:

1. Specific criteria:

- a. Only one installation per pole on a first come, first served basis is permitted.
- b. The wireless equipment is not permitted to protrude more than five (5) feet above the streetlight luminaire or mast arm itself.
- c. The mounting height of the luminaire on the streetlight pole shall be no more than 35 feet.
- d. The mast arm length of a replacement pole shall match the existing streetlight pole being replaced.
- e. The color and surface treatment of the replacement pole shall match the surrounding area poles. The surface treatment shall match the pole being replaced.
- f. Pole heights shall be the same as all surrounding poles of the same use.
- g. No Company signs are permitted to be placed on a pole, including a replacement pole, except to the extent required by local, state or federal law or regulations.
- h. All pole attached wireless equipment must be a minimum 10 feet from the sidewalk elevation.
- i. All ground based wireless equipment, including, but not limited to, equipment cabinets or power pedestals, shall be placed at the back of the right-of-way whenever possible.

- j. All pole-mounted equipment shall match the color of the replacement pole.
- k. For each individual pole type or style used to support the wireless equipment, one spare replacement pole shall be provided by Licensee to the City at the end of the project so that the pole can be replaced promptly in case of a knockdown.
- l. All plans shall be signed and sealed by a Professional Civil and Electrical Engineer.
- m. All other details in the City of Faribault Street Light Design Standards and Engineering Standards shall apply.
- n. The replacement pole and the wireless equipment attached to the pole shall not increase the diameter of the existing pole that is replaced by more than sixty (60) percent, not to exceed eight (8) inches total, or increase the height of the existing pole by more than ten (10) percent, not to exceed four (4) feet. The distance from the edge of pole to the street or sidewalk shall meet all setback requirements per the City's Engineering Standards.
- o. Antennas shall be limited to snug-mount, canister-mount, and concealed antennas and mounted no more than 6 inches off the pole.
- p. All cables or wires for the attached wireless equipment shall be located inside the pole except where such cables or wires attach to the ports in the antenna.
- q. When wireless equipment is attached to a replacement pole, the primary purpose of the pole shall remain as a pole structure supporting a streetlight luminaire, signal mast arms/heads, or power facilities and related fixtures as originally established within the City right-of-way.

B. Equipment cabinets:

- 1. Equipment cabinet locations shall comply with the height and development standards of the underlying zoning district;
- 2. Equipment cabinets with air-conditioning shall be enclosed by walls and setback a minimum of fifteen (15) feet from lots where the existing or planned primary use is a single-family dwelling.
- 3. The associated equipment will be reviewed by City for each location, and will be screened wherever the same can be screened in a commercially reasonable manner.
- 4. No more than one equipment cabinet and/or power pedestal shall be located at and serve any one pole site.

C. Above-Ground Utility Structures:

- 1. All permit applications to place or install above ground structure greater than 24" must be

accompanied by the following information:

- a. Evidence or documentation that, where the above-ground structure is over 36" in height, given its proposed location, the structure will comply or be in compliance with applicable City of Faribault Zoning Ordinance and Unified Development Code.
- b. City will provide documentation that identifies a potential site for replacement within neighborhood. (The site will be selected on the basis of aesthetics and technical/engineering restrictions.)
- c. Evidence that the structure shall be placed on the same side of the right-of-way as refuse containers or utility poles. (The Licensee shall not block trash truck access and alley access.)
- d. Verification of sight-triangle compliance.
- e. Three (3) photographs of the proposed structure, one (1) at 90 degrees, the other two at 45 degrees on either side of the proposed location. (Identify the location of the proposed structure, mark the location with white tape, use an orange traffic cone, etc.)
- f. Evidence or documentation of the dimension of the structure.
- g. Evidence or documentation that the structure shall not exceed 36" in height in front of the front yard of a residential home.
- h. Information as to the specifications of the structure, if available.