



PUBLIC RIGHT-OF-WAY SMALL CELL WIRELESS AESTHETIC REQUIREMENTS AND CONSTRUCTION CRITERIA POLICY

Purpose: 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 Anoka 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.

I. Pole Criteria:

A. Specific criteria:

1. Only one installation per pole on a first come, first served basis is permitted.
2. The wireless equipment is not permitted to protrude more than five (5) feet above the streetlight luminaire or mast arm itself.
3. The mounting height of the luminaire on the streetlight pole shall be consistent with streetlights in the area and in no event be more than 35 feet unless otherwise approved by the City.
4. The mast arm length of a replacement pole shall match the existing streetlight pole being replaced.
5. The color and surface treatment of the replacement pole shall match the surrounding area poles.
6. Pole heights shall be the same as all surrounding poles of the same use.
7. 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.
8. All pole attached wireless equipment must be a minimum 10 feet above the sidewalk, trail, or grade elevation, unless otherwise determined by the City.
9. All ground based wireless equipment, including, but not limited to, equipment cabinets or power pedestals, and poles shall be placed at the back of the right-of-way, unless otherwise approved by the City.
10. All pole-mounted equipment shall match the color of the replacement pole.
11. All plans submitted to the City shall be signed and sealed by a Professional Civil and Electrical Engineer.
12. The replacement pole and the wireless equipment attached to the pole shall not increase the diameter of the existing pole, unless otherwise approved by the City.
13. Antennas shall be limited to snug-mount, canister-mount, and concealed antennas and mounted no more than 6 inches off the pole.
14. 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, unless otherwise approved by the City.

15. 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.
16. Construction for small cell sites on existing utility poles must be installed in a manner that will not allow the public to come into physical contact with the equipment or create injury. Equipment must be mounted securely and include electrical surge protection, safety cable connector locks, no sharp edges, or any other potential hazards.
17. City shall determine whether a requested City street light pole or the location for the installation for a new pole is eligible as a small cell site based on space availability or other considerations. In addition, the Applicant must determine whether public safety considerations prevent eligibility of a City street light pole as a small cell site. Concerning a request to install a new pole, the City shall determine whether City policies and availability of City property right-of-way prevent the pole installation at the requested location.

II. Equipment cabinets:

- A. Equipment cabinets shall require prior City approval relative to location, height and overall size dimensions;
- B. 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, unless otherwise approved by the City.
- C. 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.
- D. No more than one equipment cabinet and/or power pedestal shall be located at and serve any one pole site.

III. Above-Ground Utility Structures:

- A. All permit applications to place or install above ground structure greater than 24" shall require prior City approval and must be accompanied by the following information:
 1. Verification of sight-triangle compliance.
 2. 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.)
 3. Evidence or documentation of the dimension of the structure.
 4. Evidence or documentation that the structure shall not exceed 36" in height in front of the front yard of a residential home.
 5. Information as to the specifications of the structure, if available.
 6. Above-ground utility cabinets, pedestals, and boxes shall be identified with a durable external sign or marker reflecting the name and contact information of the owner of the facility.

- B. City will provide documentation that identifies a potential site for replacement within a neighborhood. (The site will be selected on the basis of aesthetics and technical/engineering restrictions.)

Policy History

Initially Adopted: 04.15.2019