



ROCKLIN

CALIFORNIA

CITY OF ROCKLIN
ENCROACHMENT PERMITS
FOR
WIRELESS COMMUNICATIONS FACILITIES

PROCESSING AND DESIGN REQUIREMENTS

Issued by

Justin Nartker, Director of Public Services

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The Director of Public Services is authorized by the Rocklin Municipal Code to subject the issuance of encroachment permits to conditions “the Director...determines to be necessary or convenient to protect the public health, safety and welfare” of the City (RMC 12.04.080(A)). In order to comply with the requirements of the 2018 FCC Order, the Director of Public Services is publishing these conditions in advance, so that applicants are aware of the processing and design requirements that the Director intends to apply to the issuance of encroachment permits for the installation of wireless communications facilities.

ENCROACHMENT PERMIT PROCESSING REQUIREMENTS

- A. "Wireless Communication Facilities" shall mean antenna equipment together with all appurtenant equipment and utilities facilities.
- B. "Non-tower structure" shall mean a light pole, electrical pole, telephone pole, or traffic signal pole, or any combination thereof.
- C. Applicant shall provide written documentation from a licensed engineer that the existing pole is capable of supporting the proposed wireless communication facility.
- D. Applicant shall provide written documentation that there is an existing Master License Agreement between the applicant and the City, or other similar documentation demonstrating the right to install the wireless communications facility, in effect at the time of submittal.
- E. Applicant shall provide (2) full sets of construction and installation plans and specifications for installation of the wireless communications facility, including sufficient information to demonstrate compliance with (1) an existing Master License Agreement between the applicant and the City, or other similar documentation demonstrating the right to install the wireless communications facility, in effect at the time of submittal, and (2) the City's Encroachment Permit Design Requirements.
- F. Applicant shall submit an application for a Pole License, or provide documentation demonstrating the right to install the wireless communications facility, concurrently with the application for an encroachment permit for a wireless communication facility.
- G. All encroachment permits for a wireless communication facility shall be conditioned on the approval of a Pole License, or other similar demonstration of the right to install the wireless communications facility.

ENCROACHMENT PERMIT DESIGN REQUIREMENTS

- A. Preferred Structures. To limit the adverse visual effects of and proliferation of wireless communications facilities and new towers in the City rights-of-way, the following list establishes the order of preference, from the most preferred (1) to least preferred (6), for wireless communications facilities proposed to be located on City-owned or controlled property. Wireless communication facilities shall be located on the most preferred structure, unless applicant provides sufficient documentation demonstrating that the structures preferred over the proposed structure are infeasible due to physical, technological or regulatory constraints:
1. Collocation on an existing City-owned pole.
 2. Mounted on an existing City-owned light pole.
 3. Mounted on an existing City-owned combination light/traffic signal pole.
 4. Mounted on an existing City-owned traffic signal pole.
 5. Mounted on a new City-owned non-tower structure.
 6. Mounted on a new wireless communication tower pole.
- B. Maximum Height: New wireless communication facilities that are mounted on an existing structure may add no more than 10 additional feet in height to the existing structure, except for installations on an electrical utility pole which may add no more than 12 additional feet in height to the existing pole.
- C. Location: Wireless communication facilities shall comply with all Federal ADA accessibility and clearance requirements. The wireless communication facilities shall be placed in a location that would not cause any physical or visual obstruction to pedestrian or vehicular traffic, inconvenience to the public's use of the right-of-way, including safety hazards to pedestrians, bicyclists or motorists. Proposed locations for all wireless communications facilities will not be permitted if they necessitate the removal or severe modification of existing City street trees. In no case shall any pole-mounted wireless communication facilities be located within the space between ground level and 10 feet in height above sidewalks, and between ground level and 17 feet in height above streets on the street side of the pole.
- D. All wireless communication facilities shall not obstruct line-of-sight to any intersection, signage, other directional markings, or traffic control devices.
- E. All wireless communication facilities shall not be located in such a manner that it interferes with the operation of the City's poles, including blocking photo-cells or solar cells.

- F. Stealth Facilities: All wireless communications facilities shall employ and maintain camouflage design or other screening techniques to minimize visual impacts, to the extent feasible.



*Sample stealth/screened facilities are for illustrative purposes only.

- G. Colors & Materials: Wireless communication facilities that cannot be completely enclosed within a stealth facility shall be of the same color and finish through the use of paint or application of a screening material to match the color and finish of the structure to which the wireless communication facility is attached or placed adjacent to.



*Sample color-matched pole-mounted facilities are for illustrative purposes only.

- H. Antennas: Antenna elements shall be flush-mounted or top-mounted to the structure, to the extent feasible and in compliance with General Order 95 separation requirements. Antenna mounts will be designed and placed as to not preclude possible future collocation by the applicant or other operators or carriers.



*Sample antenna elements are for illustrative purposes only.

- I. Antenna Volume: Each antenna associated with a wireless communication facility in the public rights-of-way shall not exceed six (6) cubic feet in volume. For the purposes in this Section I, “volume” shall include any shroud, radome or other concealment device used in connection with the antenna.
- J. Equipment and Utilities: All appurtenant equipment and utilities facilities shall be installed within the structure (i.e. inside a light pole) or pole-mounted, as follows:
1. Pole-Mounted Equipment. All pole-mounted equipment must be installed within or as flush to the pole as technically and legally feasible, and the edge of the equipment furthest away from the pole shall not extend from the pole by more than 24 inches in any direction, to minimize impacts to the visual profile. All required or permitted signage in the rights-of-way must face toward the street or otherwise placed to minimize visibility from adjacent sidewalks and structures. All conduits, conduit attachments, cables, wires and other connectors must be placed within the pole when possible or otherwise concealed from public view to the extent feasible. The cumulative volume for all non-antenna accessory equipment associated with a wireless facility in the public rights-of-way shall not exceed twenty-eight (28) cubic feet. For the purposes in this Section, “volume” shall include any shroud, cabinet, housing or other concealment device used in connection with the accessory equipment, but shall not include any equipment or other improvements installed below ground level or any cables or connectors placed within the pole or other support structure.

- K. Noise – All wireless communication facilities shall be constructed and operated in such a manner as to comply with the stationary noise standards as specified in the City’s General Plan Noise Element. Noise attenuation measures shall be required for all air-conditioning units.
- L. Signs – All wireless communications facilities shall include all signage required under the Master License Agreement, or other similar applicable agreement. No advertising shall be placed on wireless communication facilities.
- M. All New Poles shall also meet the following additional requirements. In the event that there is a conflict between the following requirements and any above requirements, the following requirements shall prevail:
1. No new pole shall be taller than 30 feet along local streets or 40 feet along arterial and collector streets.
 2. All new poles shall be of the same color and finish through the use of paint or application of screening material to match the color, finish and design of the light or traffic poles within the Architectural District where the new pole is located, or if not located within an Architectural District, the color and finish of adjacent light or traffic signal poles as determined by the City.
 3. All new poles shall be aligned with existing light poles and street trees.
 4. All new poles shall maintain a minimum distance of ten feet (10’) from any above-grade building face, including projecting windows.
 5. All new poles shall maintain a minimum distance of fifteen feet (15’) from any tree trunk, measured from the outside of the tree.
 6. All new poles shall maintain a minimum distance of six feet (6’) from existing fire hydrants or buildings’ fire connections.
 7. All new poles shall maintain a minimum distance of ten feet (10’) from any light pole or traffic signal pole.
 8. All new poles shall maintain a minimum distance of five feet (5’) from any bicycle rack.
 9. All new poles shall not be located within a 30’ x 30’ sight distance triangles at intersections, if rights-of-way are 120’ or less, or a 50’ x 50’ sight triangle at intersections, if rights-of-way are greater than 120’.
 10. All new poles shall maintain a minimum distance of fifteen feet (15’) from any driveway, as measured from the edge line of the driveway.
 11. All new poles shall comply with all Federal ADA accessibility and clearance requirements. The wireless communication facilities shall be placed in a location that would not cause any physical or visual obstruction to pedestrian or vehicular traffic, inconvenience to the public’s use of the right-of-way, including safety hazards to pedestrians, bicyclists or motorists.