

CITY OF WHITTIER
DESIGN GUIDELINES
SMALL CELL FACILITY

I. Location Preferences

1. Siting: Locate 500 feet away from residential zone(s) when feasible. A facility within 500 feet of a residential zone should not be within the horizontal field of vision of residential living areas. Propose the facility on an existing aggregate light pole. A replacement light pole should be no more than 3 feet from the existing pole location. Additionally, City preference is listed below in order, and applicant should make every reasonable attempt to site proposed locations accordingly. If a site is proposed not within the parameters of the first preference, reasonable justification should be provided:
 - a. Collocation to existing city-owned infrastructure within the public right-of-way, or replacement of an existing city-owned pole with an aesthetically matching equivalent for safety purposes (street light poles)
 - b. Collocation to existing infrastructure not owned by the City in the public right-of-way (jointly-owned poles, other utility-owned vertical infrastructure)
 - c. New facility located within the public right-of-way suitable for collocation. The new pole must match design, height, color and material of the adjacent poles.
 - d. Decorative/historic-themed light poles in Whittier have historical significance and must be avoided. The Director shall approve requests for siting near or on a decorative light pole on a case-by-case basis.

II. Material & Color

1. Facility & Support Equipment: Designed, textured, and colored to match existing light pole for aesthetic consistency.

III. Form & Placement

1. All small cell facilities shall be designed, screened and/or camouflaged to the greatest extent possible
2. Narrow Vertical Alignment: Consider the use of shrouds and equipment enclosures that are nearly the same diameter as the pole at a ratio of approximately 1:1 for a more visually streamlined form from the street level. Tilted arrangements are prohibited unless variance is granted by the Director.
3. Antenna & RRU: Place antenna and RRUs within a shroud above the light pole when feasible. RRUs attached to the side of the pole should use the smallest RRU volume possible, shrouded, and be placed close together on the same side of the pole.
 - a. Limit installation to one radome antenna at the top of the light standard with one equipment cabinet mounted directly on the pole when pole top location is not feasible. All antennas shall be concealed inside the radome with a diameter similar to the pole itself, but in no case should the radome be more than eighteen (18") inches in diameter.
 - b. RRUs attached on the side of a street light pole should be screened by street signage whenever possible.
 - c. Minimum height clearance regulations shall be observed by all components of the installation.
4. Wires and Cables: To be contained within the shroud and run inside the pole for an orderly appearance.
5. Signage: Use the smallest and lowest visible signs required by government or electrical utility regulations, including the radio-frequency (RF) warning sticker, and placed as close to the antenna as possible.
6. Utility Box: Applicant to utilize wireless tariff option available through Southern California Edison rather than proposing above ground electrical meters.
7. Height: Overall height of the streetlight pole, including the mounted equipment, shall be similar to the surrounding poles and not exceed the minimum technically feasible height. If a pole is to be replaced, luminaires shall be mounted at the same height as existing structure to minimize aesthetic impact.

IV. Utility Pole Collocations

1. The City's first preference to locate small cells will be on city owned non decorative street light poles. Proposals seeking to deviate from this preference must provide reasonable justification as outlined in governing regulations.
2. All proposals shall be consistent with CA General Order 95 requirements, while maintaining the least aesthetically intrusive means necessary. Standoffs and side arms must be the minimum distance necessary to meet these requirements.
3. All equipment shall be shrouded and painted to match the existing infrastructure.
4. All equipment necessary for the operation of small cell facilities shall be pole mounted, and no equipment shall encroach upon the public right-of-way without preapproval, or impede normal pedestrian or vehicular use.
5. All carrier equipment shall be removed and relocated at no cost to the city of Whittier if the city of Whittier decides to underground the utility lines in the future. The equipment must be removed within six months of the Underground District being established or when notified by the City.
6. Locating small cell equipment on backyard utility poles is prohibited.
7. Locating small cell equipment on utility poles located directly on a street corner is to be avoided.

Note: *Approval of deviations from the design guidelines shall require the applicant to demonstrate that the proposal is the least visually intrusive design and location feasible and is necessary to provide adequate service.*