

SUMMARY OF 5-G AGREEMENT BETWEEN AT&T, VERIZON AND THE CITIES OF HARTFORD, NEW HAVEN, BRIDGEPORT, WATERBURY AND STAMFORD

First Proviso: 5G will foster technological progress and economic activity.

Second Proviso: The parties are bound by the FCC's 9-27-18 Declaratory Ruling regarding the installation of 5-G equipment.

Third Proviso: The federal Telecommunications Act bars State and municipal regulation of telecommunications services.

Fourth Proviso: The FCC Equity Action Plan issued in 4-22 declares a goal of provision of communications services to all people without discrimination.

Fifth Proviso: The parties have collaborated on this Agreement to facilitate 5-G deployment in urban areas.

SECTION I – DEFINITIONS [LIMITED TO TERMS REQUIRING EXPLANATION]

- A. Aesthetic Standards: Standards for siting and construction of 5G equipment
- D. DMO: Designated Municipal Official. the Land Use Bureau Chief
- E. Colocate: Placing equipment of more than one carrier on the same utility pole
- F. Deployment: The installation of 5-G equipment on a City-owned utility pole
- G. Equipment: Radios, antennas, transmitters and other wireless devices
- H. Facility/Facilities: Equipment and installations owned/controlled by the Carrier
- K. License: Non-exclusive right granted by City for carrier to construct and maintain equipment in the municipal right-of-way ["ROW"]
- N. Radiofrequency (RF) Emissions: Electro-magnetic energy transmitted by the equipment.
- P. Safety and Construction Standards: Specific City design standards, included minimum height of equipment from ground, maximum height, sight-line requirements, power shut-off switches, and compliance with pole structural standards.

SECTION II: GRANT OF ACCESS AND OCCUPANCY RIGHTS

- A. City grants carrier a non-exclusive right to construct, operate and maintain 5-G facilities in municipal ROW.
- B. City reserves right to use and occupy the property and to grant other licenses.
- C. Carrier solely responsible for all costs and expenses related to deployment of its Facilities.
- D. Carrier has no property interest in the ROW.
- E. Carrier shall maintain Facilities in safe operation condition.

SECTION III: DEPLOYMENT PLANS

- A. Carrier shall submit to DMO an Initial Deployment Plan consisting of:
 - a map of number and location of Facilities deployed in initial two years;

- an Excel spreadsheet showing location of poles;
- type and location of equipment to be installed on each pole;
- location and type of electrical utility equipment or fiber extensions;
- date ranges for permitting and construction.

DMO may request Carrier to update Deployment Plan once per year.
Deployment Plans are exempt from FOI [proprietary documents]

- B. Equity: The parties agree to work to achieve federal policy goals.
Includes community engagement efforts and promoting access to communications technology.
Upon request of City, the parties shall meet to discuss equity.

SECTION IV. SMALL WIRELESS FACILITY PERMIT SUBMITTAL AND REVIEW

- A. DMO shall provide pre-application review.
- B. Carrier shall submit Application to City, including structural analysis.
- C. Carrier shall submit RF Emissions report.
- D. Carrier shall comply with all requirements stated in Application.
- E. Carrier must obtain City permits: building, electrical, grading, street opening, street/sidewalk obstruction, contractor's license, Historic District certificate, excavation.
- F. DMO may propose alternative locations.
- G. DMO shall review each Application within time required by FCC.
- H. Within 60 days of approval/denial of application, DMO shall issue written decision.
- I. If denial of Application, parties shall attempt to negotiate resolution.
- J. Application may be approved for:
- Collocation on City-owned pole
 - Collocation on non-City owned pole, with owner permission
 - Collocation on replaced City-owned pole
 - Collation on replaced non-City owned pole, with owner permission
 - Installation of new pole where no existing pole can be used
- K. DMO may deny Application for:
- Application incomplete
 - Interference with vehicles or pedestrians
 - Violation of Agreement, Aesthetic Standards, or Construction/Safety standards
 - Violation of ADA
 - Violation of any other Applicable Law

SECTION V. CONSTRUCTION AND MAINTENANCE

- A. Carrier shall comply with all City construction regulations.
- B. Carrier, its contractors and subcontractors shall comply with all construction permits.
- C. Carrier solely responsible for working with electric utility.
- D. Carrier must restore construction area upon project completion.
- E. Double poles shall be eliminated.
- F. Carrier shall notify DMO of certain maintenance and repairs.

G. SECTION VI. TERM OF AGREEMENT AND SMALL WIRELESS FACILITY PERMITS

- A. 5 year term. Automatically renews for one 5 year term until Carrier gives notice to terminate. Carrier may terminate on 90 days written notice. City may terminate at any time for material violation or breach by Carrier.
Carrier may cure within 30 to 120 days.
- B. Each Permit valid for 10 years
- C. Obligations of Carrier for maintenance and repair of equipment, payment of fees, insurance and indemnification survive termination of Agreement.

SECTION VII. REMOVAL AND/OR RELOCATION OF SMALL WIRELESS FACILITIES

- A. Carrier shall relocate Facility, at its sole cost and expense, if City needs to use. ROW.
- B. City may disconnect/remove Facility in case of emergency.
- C. Carrier shall remove unused Facility within 30 days.
- D. Upon termination/expiration of Permit, Carrier shall remove facility within 90 days.

SECTION VIII. FEES AND CHARGES

- A. The following non-recurring fees are required for each Small Wireless Facility and shall be due upon Application submission:
 - i. For collocations or facilities mounted on an existing or replacement Pole or Support Structure - \$500.00 for a batch of five or fewer and \$100.00 for each additional facility.
 - ii. For new pole placements - \$1,000.00.
- B. The following annual fees are required for each Small Wireless Facility:
 - i. For collocations or facilities mounted on an existing or replacement Pole or Support Structure - \$270.00 per year
 - ii. For new pole placements - \$270.00 per year
- C. The first year's annual fee shall be due within 90 days of when the installation is complete and shall not be prorated, regardless of the date of such completion. For each subsequent year, the annual fee shall be due on or before January 31.
- D. The City shall provide the Carrier a completed, current Internal Revenue Service Form W-9 and state and local withholding forms.
- E. Fees shall be adjusted in accordance with changes in the law.
- F. No more frequently than once per calendar year, the City may provide the Carrier with written notice that it will review the fees paid under this Section in accordance with the FCC Wireless Infrastructure Order and the City's costs ("Fee Notice"). Any Fee Notice by the City shall include a line item spreadsheet of those costs the City incurred in managing the Carrier's access to the ROW, as authorized and contemplated in the FCC Wireless Infrastructure Order, and include in the Fee Notice a proposed adjustment of the fees prospectively with the Carrier.
- G. The Carrier shall provide the City's Assessor information on the value of the Carrier's Equipment and other property that is subject to this Agreement in accordance with the requirements of any Applicable Laws.

SECTION IX. ADDITIONAL PROVISIONS

- A. The Carrier's Facilities must comply with Applicable Laws, including all applicable standards and regulations of the FCC and any other applicable State or federal government agency with the authority to regulate exposure to RF emissions.
The Carrier shall defend, indemnify, and hold harmless the City from and against any damages arising from any violation by the Carrier of any such Applicable Laws and regulations. The City reserves the right to conduct at its sole expense on-site post-installation RF emissions testing.
- B. The Carrier shall ensure that its Facilities will not cause RF interference with wireless communication facilities or devices, cable television, broadcast radio or television systems, or satellite broadcast systems, or police, fire department, emergency operations existing at the time of installation of its Facilities. The Carrier shall ensure that its Small Wireless Facilities will not cause any RF interference with traffic, public safety, or other communications signal equipment.
- C. The Carrier shall maintain accurate maps and other appropriate records of its Facilities including GIS location and information data, and such information shall be provided to the City upon the DMO's request, no more than one time per year and as part of any DMO request for Updated Deployment Plans. The City shall treat such location and information data in accordance with the terms of the Confidentiality and Non-Disclosure Agreement entered into by the Parties hereto. [Proprietary information, not subject to FOI pursuant to CGS Section 1-210(b)(5)].
- D. Nothing in this Agreement shall be deemed to grant, convey, create, or vest in a Carrier any real property interest in any portion of the City ROW or any other City property.

SECTION X. INDEMNIFICATION, INSURANCE, BONDS, ETC.

- A. The City shall not be liable for injury or damage to any persons or property resulting from the installation, operation, maintenance, repair, and/or removal Facilities within the ROW. The Carrier releases, covenants not to bring suit, and agrees to indemnify, defend, and hold harmless the City, its elected and appointed officials, department heads, officers, employees, agents, successors and assigns (each, an "Indemnified Party"), from any and all such claims, costs, damages, judgments, awards, and/or liability for injury or death of any person, or damage to property to the extent caused by or arising out of any acts or omissions of a Carrier, its agents, officers, employees, and contractors in the performance of the activities permitted by this Agreement and/or the installation, operation, maintenance, repair, and/or removal of Facilities. This indemnification shall survive the termination or expiration of this Agreement.
- B. The City shall give prompt written notice to the Carrier of any claim for which the City seeks indemnification.
- C. In no event shall either Party be liable to the other in contract, tort, under any statute, warranty, provision of indemnity or otherwise, for any special, indirect, incidental, or consequential, punitive, or exemplary damages suffered by the other Party or any customer or third party or any other person for lost profits or other business interruption damages of such Party's customers, advertisers, users, clients, licensees, concessionaires, or any other person, firm, or entity.
- D. Each Carrier acknowledges that each City has made no warranties or representations regarding the fitness, availability or suitability of any City ROW, municipal property including but not limited to any Pole or Support Structure or utility infrastructure for the installation of Small Wireless Facilities, or for any other activities permitted under this Agreement, and that, except as expressly provided

in this Agreement, any performance of work or costs incurred by a Carrier in the deployment of Facilities contemplated under this Agreement by a Carrier is at the Carrier's sole risk.

- E. The Carrier shall maintain and keep in effect during the Term of this Agreement c commercial general liability insurance, as per ISO form or equivalent, with a limit of \$3,000,000 per occurrence for bodily injury and property damage and \$4,000,000 general aggregate, insuring the Carrier and including the City as an additional insured by policy endorsement as their interest may appear under this Agreement insuring against loss, damage, cost, expense or liability for damage to property or injury, illness, or death of person occurring or to the extent arising out of or resulting from a Carrier's use and occupancy of the City ROW and the operations conducted thereon in connection with the deployment of its Facilities in accordance with this Agreement.
- F. To ensure that the City will have some recompense if the Facilities are abandoned or result in other unexpected costs, the Carrier agrees, prior to the commencement of any work under an approved Small Wireless Facilities Permit, to post a removal bonds.
- G. Carrier may enter into financing arrangements for the financing of the Equipment and Pole Placements.

SECTION XI. VALIDITY AND CONSTRUCTION OF AGREEMENT

- A. Entire Agreement. This Agreement states the entire agreement between the Parties and supersedes all prior agreements and understandings.
- B. Binding Effect. This Agreement shall be binding upon and shall inure to the benefit of the Parties hereto and their respective successors and permitted assigns.
- C. Counterparts. This Agreement may be executed in any number of counterparts.
- D. Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the State of Connecticut.
- E. Severability. If one or more of the provisions in this Agreement are held by an agency or court of competent jurisdiction, in a final, non-appealable order, to be invalid, void, voidable, unenforceable or illegal, such provision shall be deemed severable from the remaining provisions of this Agreement.
- F. Transfer and Assignments. A Carrier shall not assign or otherwise transfer all or any part of its interest, rights, and duties in this Agreement, or sublet the area licensed hereunder or any portion thereof to be occupied by anyone other than the Carrier, without the City's prior written consent in each instance.
- G. Force Majeure. No failure by a Party to perform its obligations in accordance with this Agreement shall be deemed a material breach or grounds for termination if such failure to perform occurred as a result of circumstances beyond such Party's reasonable control.
- H. Confidentiality. City shall make accepted Applications publicly available in accordance with the Connecticut Freedom of Information Law, provided, however, that the City shall redact or withhold from disclosure such portions of the Application materials specifically identified in accordance with the terms of the Confidentiality and Non-Disclosure Agreement entered into by the Parties hereto. [Proprietary information is exempt from FOI pursuant to CGS Section 1-210(b)(5)].
- I. Authority to Execute. Any individual executing this Agreement on behalf of a Party represents and warrants that he or she is duly authorized to execute and deliver this Agreement on behalf of such Party, and this Agreement is binding upon such Party in accordance with its terms.
- J. Notices. All notices required or permitted to be given to either Party under this Agreement shall be in writing by first-class mail or overnight mail delivery service.

K. Nothing herein shall be construed to prohibit or limit the ability of any City to provide telecommunication services to its residents and business without charge.

[SIGNATURE PAGES FOLLOW]

Exhibit 1

Aesthetic Standards

Exhibits 1a through ___ incorporate City approved Facility designs for aesthetic purposes ("Pre-Approved Facility Design"). An Application for a Small Cell Facility Permit which incorporates a Pre-Approved Facility Design shall be deemed to comply with the City's Aesthetic Standards.

When Equipment is located within Pole structures, the base of the pole shall be no larger than required to accommodate the Equipment in accordance with the City's Aesthetic Standards and Carrier technical requirements for Service from the Small Wireless Facility.

All materials and colors shall match the exterior of the Pole or Support Structure so as to blend in as much as possible.

In the event an Application seeks a permit for a Facility involving a Pole or Support Structure for which there is no Pre-Approved Facility Design, the DMO shall have authority to issue a Small Cell Facility Permit for a similar design on a site by site basis and without the need for an amendment to this Agreement.

The minimum linear distance between Poles used by the Carrier on the same street shall be 500 feet, unless the Pole proposed is configured to accommodate collocation by multiple carriers or the Pole is otherwise permitted for use as a Small Wireless Facility by the DMO evaluating the location in accordance with the same standards set forth in Section IV.F of the Agreement for alternative sites.

The minimum linear distance separating any Poles or Support Structures on the same street and containing any Small Wireless Facilities shall be 150 feet unless a location is proposed at an intersection or is otherwise permitted for use as a Small Wireless Facility by the DMO evaluating the location in accordance with the same standards set forth in Section IV.F of the Agreement for alternative sites.

CITY OF STAMFORD REQUIREMENTS

Definition: **Small Cell Node.** A cellular radio access node that has as its key components an antenna and an equipment box, operates in licensed and unlicensed spectra, and is designed or used to increase capacity and stability of a wireless communications network.

- (1) **Size.** A Small Cell Node shall be sized as follows:
 - (a) The smallest practical size shall be used for each component of any Small Cell Node.
 - (b) The size of any antenna associated with a Small Cell Node shall not exceed a maximum of 5 feet in height over the height of the structure it is mounted upon, except for Small Cell Nodes visible from the public right of way, which shall not exceed a maximum of 3 feet in height, except when two Small Cell Node antennas are located on a single pole, in which case a total combined antenna height of 6 feet is permitted.
- (2) **Location.** A Small Cell Node shall be located as follows:
 - (a) On an existing or replacement light pole; or
 - (b) No less than 30 feet from any residence and the Carrier shall be obligated to provide the City with comprehensive measurements of radiation emitted.
- (3) **Number.** No more than two Small Cell Node antennas may be located on a single pole.
- (4) **Design.**
 - (a) The Small Cell Node equipment must be a consistent color to the structure to which it is mounted or fully enclosed in a replacement structure.
 - (b) Replacement poles shall not exceed 12” in diameter.

Small Cell Node Allowed Configuration



- (c) The Small Cell Node, other than a Small Cell Node antenna not visible from the public right of way, shall be designed to minimize the visibility of cables and other appurtenances.
- (d) For Small Cell Nodes on City-owned light poles, the Carrier must provide the City Engineer or his/her designee with peer-reviewed signed and sealed structural analysis prepared by Connecticut licensed structural engineer. The City Engineer or his/her designee must determine that:
 - i. The Small Cell Node can be reasonably supported by such infrastructure considering the structural condition of the specific structure and as shown in the engineering analysis filed by the applicant;
 - ii. The Small Cell Node location, design, and equipment will not interfere with pedestrian or vehicular travel, including blocking any sight lines from adjacent buildings or premises.
- (e) For a Small Cell Node visible from the public right of way, equipment other than the antenna and a disconnect switch box of a size no larger than 1 cubic foot, shall be designed and located to minimize visibility of the equipment from the public right of way which requires a concealment element or underground installation. See above photograph for an allowed. Such boxes shall be free from

sharp edges or be located in the public way where they could not come into contact with a pedestrian horizontally or vertically.

- (5) Evidence, in the form of sealed engineering drawings, at least two sightline perspectives, a coverage map, and engineering analysis regarding the suitability of any existing structure to which a Small Cell Node is proposed to be mounted, and representations about the size and nature of the components shall be provided to the zoning administrator with each application. Generic drawings and photographs of equipment will not be accepted.
- (6) Modification of any Small Cell Node shall be approved by the City Engineer or his/her designee through a permit process if each and every piece of equipment is a modification which does not substantially change the physical dimensions of the eligible facility or support structure. The following constitute substantial changes:
 - (a) It increases the height of the support structure or the Small Cell Node by more than 10 percent or more than 5 feet, whichever is less;
 - (b) It involves installation of any new equipment cabinets on the ground if there are no pre-existing ground cabinets associated with the structure, or else involves installation of ground cabinets that are more than 10 percent larger in height or overall volume than any other ground cabinets associated with the structure;
 - (c) It entails any excavation or deployment outside the current site; or
 - (d) It would defeat the concealment elements of the eligible support structure.
- (7) Alternative designs for Small Cell Nodes, including those designed to be mounted to a building façade or designs that involve a City-owned replacement structure for a utility pole, light pole, traffic signal, or other structure, may be considered by the City Engineer or his/her designee under special permit review.
- (8) The staff of the Land Use Bureau shall have the authority to approve, on behalf of the City Engineer, the design of a Small Cell Node which has been approved by the City Engineer pursuant to a previous special permit application, if such design is exactly duplicated and does not otherwise violate this section, provided that staff may also decline to exercise such authority and request that the City Engineer review. The preceding sentence shall not relieve the responsibility of an applicant to tender special permit fees applicable to Small Cell Node applications.

ADDITIONAL REQUIREMENTS

1. No devices shall be from mast arms on aluminum streetlight poles.
2. No devices shall be installed on decorative light poles in City parks or on non-City owned decorative light poles.

3. The installation of any cellular device shall not result in any external wiring,
4. No devices shall be mounted in such a manner as to create a danger of harm to the public using the municipal right-of-way, on either or vertical or a horizontal plane.
5. Devices shall be mounted in a manner to match the verticality of the pole structure.
6. There shall be full compliance with the requirements of the Americans With Disabilities Act (ADA), and all other federal, state and City statutes, ordinances, rules and regulations.
7. If pole dimensions change, the Carrier is responsible for having attic stock available for immediate replacements. This also applies to any special foundations required to support poles.

SPECIAL RULES FOR DECORATIVE POLES

No installations shall be performed on decorative poles which are inconsistent with the aesthetics of any decorative pole in the sole discretion of the City Engineer or his/her designee.

In the event that the Carrier disturbs accoutrements of any decorative pole, including but not limited to granite curbs and brick pavers, the Carrier shall restore the area surrounding the decorative pole with materials substantially equivalent to those which were disturbed and such work shall be performed by qualified personnel within 49 hours of receipt of notice from the City. If, in the sole discretion of the City Engineer or his/her designee, restoration of the area surrounding the decorative pole is substandard to its original condition, the Carrier shall be obligated to take all remedial measures, as directed by the City Engineer or his/her designee. The Carrier shall perform such restoration within 48 hours of receipt of notice from the City.

EXHIBIT 2
CONSTRUCTION STANDARDS

Streetlight Poles

Applicants who propose to install Wireless Communications Facilities [WCFs] on any existing streetlight utility pole must remove and replace the existing pole with one substantially similar to the City's standards and specifications but designed to accommodate WCFs unless the existing pole has been designed and engineered to support WCFs in accordance with existing engineering, health and safety standards. To mitigate any material changes in streetlighting patterns, the replacement pole must A) be located as close to the removed pole as possible, B) be aligned with other existing streetlights, and C) include a luminaire at substantially the same height and distance from the pole as the luminaire on the removed pole. Applicants shall obtain City excavation permits and obstruction permits for any work described in this provision.

New, Non-Replacement Poles

Applicants who propose to install WCFs on a new, non-replacement pole must demonstrate that any existing structures within 500' from the proposed site would be technically infeasible as supported by clear and convincing evidence in the written record. Any new, non-replacement pole must be substantially similar to the City's standards and specifications but designed to accommodate WCFs. The pole diameter shall not exceed 12" and any base enclosure diameter shall not exceed 16".

Encroachments Over Private Property

WCFs shall not encroach onto or over any private property or other property outside of the municipal right-of-way without the property owner's express written consent.

Obstructions; Public Safety

- WCFs and associated equipment shall not physically interfere with or impede access to any
- A) worker access to any above-ground or underground infrastructure for traffic control, streetlight, or public transportation;
 - B) access to any public transportation vehicles, shelters, street furniture, or any other improvements at any public transportation stop;
 - C) worker access to any above-ground or underground infrastructure owned or operated by any utility;
 - D) fire hydrant or water valve;
 - E) access to any doors, gates, stoops or any ingress or egress points to any building appurtenant to the municipal right-of-way; and
 - F) access to any fire escape.

Utility Connections

All cable and connectors for telephone, data backhaul, primary electric and other similar utilities must be routed underground in conduits large enough to accommodate future collated WCFs. Underground cables and wires must transition directly into the pole base.

All cable, wires and connectors between the underground conduits and the antennas and other accessory equipment shall be routed through and concealed from view within A) internal risers or conduits if on a composite or similar pole; or B) a cable shroud or conduit mounted as flush to the pole as possible if on a pole without internal cable space.

Electric Meters

Applicants shall install a separate above-grade shrouded electric meter.

Street Trees

To preserve existing landscaping in the municipal right-of-way, all work performed in connection with the installation of WCFs shall not cause any street trees to be trimmed, damaged or displaced. If any street trees are damaged or displaced, the applicant shall be responsible, at its sole cost and expense, to plant and maintain replacement trees at the site for the duration of the permit term.

Standard designs for Wireless Communications Facilities [WCFs] located on Streetlights – An applicant proposing to attach to a Streetlight in the public right of way shall utilize one of the other designs specified herein.

a) **Top-mounted design:** All equipment shall be enclosed within a shroud at the top of the pole containing both radio and antenna equipment.

Top-mounted equipment shrouds shall not exceed 5.5 feet from the top of the streetlight pole and shall taper to meet the pole above the mast arm. The diameter of the antenna and shroud shall not exceed 15" at their widest.

b) **Minimal sunshield design:** Radio equipment shall be enclosed within one or two sunshields not exceeding 8 inches wide nor 0.75 cubic feet in volume each, mounted directly to the side of the pole. Sunshields shall be attached at least 12 feet above ground level. To the extent separate antennae are required, antennae shall be placed in a shroud at the top of the pole.

c) **Existing signage:** Radio equipment shall be attached to a pole behind existing signage under the following conditions:

- i. Radio equipment shall be placed within a shroud that does not exceed the dimensions of the sign in height and width, nor 4 inches in depth, including any required mounting bracket.

- ii. In no event shall WCF equipment obscure or interfere with the visibility or functioning of the signage.
- iii. To the extent separate antennae are required, antennae shall be placed in a shroud at the top of the pole.

General standards for all WCFs located on Streetlights

WCF equipment and shrouds

- 1) Antennae shall be the smallest antennae possible to achieve the coverage objective. Except in the case of top-mounted designs, antennae shall not exceed 3 feet from the top of the streetlight pole and the associated “antenna skirt” shall taper to meet the pole above the mast arm. The diameter of the antenna and shroud shall not exceed 15” at their widest.
- 2) All shrouds and equipment shall be painted to match Highway Department standards or the existing pole, as applicable.
- 3) All shrouds and equipment shall be designed without gaps between materials or sky visible between component surfaces.
- 4) Equipment that cannot propagate an adequate signal within the shrouding required by the standard designs shall be attached to a streetlight pole at a height of 2 feet below the light mast or higher. Each instance of such equipment shall not exceed 0.85 cu. ft. nor shall the total volume of such equipment and any shrouding exceed 2.6 cu. ft. per streetlight pole.

Height

- 5) Except for top-mounted designs, poles and all attachments will not exceed the height of similar surrounding poles by more than 3 feet. For top-mounted designs, poles and all attachments shall not exceed the height of similar surrounding poles by more than 6 feet.
- 6) Replacement poles shall conform to City style guidelines. For integrated pole designs, poles shall incorporate decorative elements (e.g. fluting, decorative mast arm and luminaire, etc.) from City standards.

Landscaping

- 7) Any existing landscaping removed or damaged by installation shall be replaced in kind.

Curb clearances

- 8) If placed below 16’ above ground level, attachments shall not be placed closer than 18” to the curb, nor shall they extend over the sidewalk (Caltrans Highway Design Manual Section 309).

- 9) WCF node equipment must be at least 3' from a curb cut. Miscellaneous
- 10) WCF installations shall not require any changes in the City's existing banner marketing program.
- 11) All cabling shall be routed entirely within the pole or an attached shroud.
- 12) Safety signage shall be the smallest size possible to accomplish its purpose.
- 13) Power disconnects shall be placed in a vault near the base of the pole.
- 14) Except as provided in these standards, no equipment cabinets may be placed at grade.
- 15) Light mast orientation, height, color temperature and other photometric information shall comply with PWD standards.

Pole location

- 16) Nodes shall utilize existing streetlight pole locations.